

OpenPGP Keys

Revision: [44943](#)
2014-05-24 by bcr.

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These OpenPGP keys can be used to verify a signature or send encrypted email to FreeBSD.org officers or developers. The complete keyring can be downloaded at <http://www.FreeBSD.org/doc/pgpkeyring.txt>.

1. Officers

1.1. Security Officer Team <security-officer@FreeBSD.org>

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pub 1024D/15D68804CA6CDFB2 2002-08-27 [expires: 2014-01-01]
    Key fingerprint = C374 0FC5 69A6 FBB1 4AED B131 15D6 8804 0
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officer@FreeBSD.org>
sub 2048g/E8C96EEFA3071809 2002-08-27 [expires: 2014-01-01]

pub 4096R/ED67ECD65DCF6AE7 2013-09-24 [expires: 2018-01-01]
    Key fingerprint = 1CF7 FF6F ADF5 CA9F BE1B 8CB2 ED67 ECD6 0
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sub 4096R/B64357A343D9CBAE 2013-09-24 [expires: 2018-01-01]
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1.2. Security Team Secretary <secteam-secretary@FreeBSD.org>

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1.3. Core Team Secretary <core-secretary@FreeBSD.org >

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pub 4096R/36A7C05FE1ECF9BB 2014-07-09 [expires: 2015-07-09]
    Key fingerprint = C07B F5E3 10AE 64BF 6120 B0F6 36A7 C05F 8
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1.4. Ports Management Team Secretary

portmgr-secretary@FreeBSD.org >

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    Key fingerprint = FB37 45C8 6F15 E8ED AC81 32FC D829 4EC3 3
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sub 2048R/5CC117965F65CFE7 2012-07-24
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2. Core Team Members

2.1. Gavin Atkinson <gavin@FreeBSD.org>

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OpenPGP Keys

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2.3. Baptiste Daroussin <bapt@FreeBSD.org >

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2.4. Ed Maste <emaste@FreeBSD.org >

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2.5. George V. Neville-Neil <gnn@FreeBSD.org >

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pub 1024D/440A33D2 2002-09-17
    Key fingerprint = AF66 410F CC8D 1FC9 17DB 6225 61D8 76C1  3
440A 33D2
uid          George V. Neville-Neil <gnn@freebsd.org>
uid          George V. Neville-Neil <gnn@neville-neil.com>
sub 2048g/95A74F6E 2002-09-17

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2.6. Hiroki Sato <hrs@FreeBSD.org >

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pub 1024D/2793CF2D 2001-06-12
Key fingerprint = BDB3 443F A5DD B3D0 A530 FFD7 4F2C D3D8 3
2793 CF2D
uid Hiroki Sato <hrs@allbsd.org>
uid Hiroki Sato <hrs@eos.ocn.ne.jp>
uid Hiroki Sato <hrs@ring.gr.jp>
uid Hiroki Sato <hrs@FreeBSD.org>
uid Hiroki Sato <hrs@jp.FreeBSD.org>
uid Hiroki Sato <hrs@vlsi.ee.noda.tus.ac.jp>
uid Hiroki Sato <hrs@jp.NetBSD.org>
uid Hiroki Sato <hrs@NetBSD.org>
uid Hiroki Sato <hrs@ec.ss.titech.ac.jp>
uid Hiroki Sato <hrs@ieee.org>
uid Hiroki Sato <hrs@acm.org>
uid Hiroki Sato <hrs@bsdconsulting.co.jp>
uid Hiroki Sato <hrs@bsdresearch.org>
uid Hiroki Sato <hrs@ec.ce.titech.ac.jp>
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2.7. Gleb Smirnoff <glebius@FreeBSD.org >

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pub 2048D/6C7E5E82 2013-01-30 [expires: 2023-08-25]
    Key fingerprint = 6E06 7260 B83D CF2C A93C 566F 5185 0968 6C7E 5E82
uid                               Gleb Smirnov <glebius@FreeBSD.org>
sub 2048g/11E89DCE 2013-01-30 [expires: 2023-08-25]
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2.8. Peter Wemm <peter@FreeBSD.org>

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pub 1024D/1512AE527277717F 2003-12-14
    Key fingerprint = 622B 2282 E92B 3BAB 57D1 A417 1512 AE52 7277 717F
uid                               Peter Wemm <peter@wemm.org>
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OpenPGP Keys

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uid Peter Wemm <peter@FreeBSD.ORG>
sub 1024g/2C5F53778B40D9D1 2003-12-14

pub 2048R/35D69709EC809E04 2014-05-08 [expires: 2024-05-05]
Key fingerprint = 060A C0D1 5AFF BDF3 55B8 FA14 35D6 9709 0
EC80 9E04

uid Peter Wemm <peter@wemm.org>
uid Peter Wemm <peter@FreeBSD.org>
sub 2048R/B5D591B339B03C75 2014-05-08 [expires: 2024-05-05]
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3. Developers

3.1. Ariff Abdullah <ariff@FreeBSD.org >

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3.2. Thomas Abthorpe <tabthorpe@FreeBSD.org >

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OpenPGP Keys

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3.3. Eitan Adler <eadler@FreeBSD.org >

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3.4. Shaun Amott <shaun@FreeBSD.org >

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pub 1024D/6B387A9A 2001-03-19
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uid Shaun Amott <shaun@inerd.com>
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sub 2048g/26FA8703 2001-03-19
sub 2048R/7FFF5151 2005-11-06
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sub 2048R/27C54137 2005-11-06

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3.5. Henrik Brix Andersen <brix@FreeBSD.org >

OpenPGP Keys

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    Key fingerprint = 7B63 EF32 7831 A704 220D 7E61 BFE4 387E 54E2 78F8
uid Henrik Brix Andersen <henrik@brixandersen.dk>
uid Henrik Brix Andersen <brix@FreeBSD.org>
uid Henrik Brix Andersen <hbn@terma.com>
uid Henrik Brix Andersen <brix@osaa.dk>
sub 1024g/3B13C209 2003-04-09
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3.6. Matthias Andree <mandree@FreeBSD.org >

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uid Matthias Andree <mandree@freebsd.org>
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3.7. Will Andrews <will@FreeBSD.org >

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3.8. Dimitry Andric <dim@FreeBSD.org >

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-----END PGP PUBLIC KEY BLOCK-----
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3.9. Eric Anholt <anholt@FreeBSD.org>

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pub 1024D/6CF0EAF7 2003-09-08
    Key fingerprint = 76FE 2475 820B B75F DCA4 0F3E 1D47 6F60 6CF0 EAF7
uid                               Eric Anholt <eta@lclark.edu>
uid                               Eric Anholt <anholt@FreeBSD.org>
sub 1024g/80B404C1 2003-09-08
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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3.10. Marcus von Appen <mva@FreeBSD.org>

```
pub 1024D/B267A647 2009-02-14
    Key fingerprint = C7CC 1853 D8C5 E580 7795 B654 8BAF 3F12 B267 A647
uid                               Marcus von Appen <freebsd@sysfault.org>
uid                               Marcus von Appen <mva@freebsd.org>
sub 2048g/D34A3BAF 2009-02-14
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3.11. Marcelo Araujo <araujo@FreeBSD.org >

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pub 1024D/53E4CFA8 2007-04-27
Key fingerprint = 9D6A 2339 925C 4F61 ED88 ED8B A2FC 4977 53E4 CFA8
uid Marcelo Araujo (Ports Committer) <
<araujo@FreeBSD.org>
sub 2048g/63CC012D 2007-04-27
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3.12. Mathieu Arnold <mat@FreeBSD.org >

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pub 4096R/0x3A4516F35183CE48 2013-09-23 [expires: 2018-09-22]
    Key fingerprint = 3AB6 9789 D2ED 1210 6440 BA5B 3A45 16F3 5183 CE48
uid [ full - ] Mathieu Arnold <mat@FreeBSD.org>
uid [ full - ] Mathieu Arnold <mat@mat.cc>
uid [ full - ] Mathieu Arnold <m@absolight.fr>
uid [ full - ] Mathieu Arnold <m@w2my.net>
sub 4096R/0xA99F9AA711E3DFC9 2013-09-23 [expires: 2018-09-22]
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3.13. Takuya ASADA <syuu@FreeBSD.org >

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pub 2048R/43788F78 2012-11-21
Key fingerprint = 31CE 242E 6F4F F24F EE4 D9BB 0890 2C5F 4378 8F78
uid Takuya ASADA <syuu@freebsd.org>
sub 2048R/A87B0906 2012-11-21
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3.14. Satoshi Asami <asami@FreeBSD.org >

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pub 1024R/1E08D889 1997-07-23 Satoshi Asami <asami@cs.berkeley.edu>
Key fingerprint = EB 3C 68 9E FB 6C EB 3F DB 2E 0F 10 8F CE 7
79 CA
uid Satoshi Asami <asami@FreeBSD.ORG>
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.15. Gavin Atkinson <gavin@FreeBSD.org >

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pub 4096R/4DA114E5C4A2E57F 2013-09-25 [expires: 2018-09-24]
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OpenPGP Keys

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atkinson@york.ac.uk>
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deprecated) <ga9@york.ac.uk>
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uid Gavin Atkinson (FreeBSD key) σ
<gavin@FreeBSD.org>
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3.17. Philippe Audeoud <jadawin@FreeBSD.org >

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3.18. Timur I. Bakeyev <timur@FreeBSD.org >

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3.19. Glen Barber <gjb@FreeBSD.org >

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3.20. Nick Barkas <snb@FreeBSD.org >

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pub 2048R/DDADB9DC 2010-07-27
Key fingerprint = B678 6ECB 303D F580 A050 098F BDFD 4F3D 5
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uid S. Nicholas Barkas <snb@freebsd.org>
sub 2048R/36E181FB 2010-07-27
sub 2048R/BDA4BED3 2010-07-29
sub 2048R/782A8737 2010-07-29
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3.21. Simon Barner <barner@FreeBSD.org >

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pub 1024D/EBADA82A 2000-11-10
Key fingerprint = 67D1 3562 9A2F 3177 E46A 35ED 0A49 FEFD 6
EBAD A82A
uid Simon Barner <barner@FreeBSD.org>
uid Simon Barner <barner@in.tum.de>
uid Simon Barner <barner@informatik.tu-muenchen.de>
uid Simon Barner <barner@gmx.de>
sub 2048g/F63052DE 2000-11-10
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3.22. Artem Belevich <art@FreeBSD.org >

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pub 2048R/9ED4C836 2011-03-28
Key fingerprint = 7400 D541 07ED 3DF3 3E97 F2D5 8BDF 101C 9
9ED4 C836
uid Artem Belevich <artemb@gmail.com>
uid Artem Belevich <art@freebsd.org>
sub 2048R/55B0E4EB 2011-03-28
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3.23. Anton Berezin <tobez@FreeBSD.org >

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pub 1024D/7A7BA3C0 2000-05-25 Anton Berezin <tobez@catpipe.net>
    Key fingerprint = CDD8 560C 174B D8E5 0323 83CE 22CA 584C 0
7A7B A3C0
uid Anton Berezin <tobez@tobez.org>
uid Anton Berezin <tobez@FreeBSD.org>
sub 1024g/ADC71E87 2000-05-25
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.24. Damien Bergamini <damien@FreeBSD.org >

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pub 2048R/D129F093 2005-03-02
    Key fingerprint = D3AB 28C3 1A4A E219 3145 54FE 220A 7486
D129 F093
uid Damien Bergamini <damien.bergamini@free.fr>
uid Damien Bergamini <damien@FreeBSD.org>
sub 2048R/9FBA73A4 2005-03-02
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3.25. Tim Bishop <tdb@FreeBSD.org >

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pub 4096R/FDF38D55 2013-08-07 [expires: 2015-08-07]
    Key fingerprint = 4BD9 5F90 8A50 40E8 D26C D681 6C22 6B37 ǵ
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uid Tim Bishop <tim@bishnet.net>
uid Tim Bishop <T.D.Bishop@kent.ac.uk>
uid Tim Bishop <tdb@FreeBSD.org>
uid Tim Bishop <tdb@i-scream.org>
sub 4096R/25CEA948 2013-08-07 [expires: 2015-08-07]
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-----END PGP PUBLIC KEY BLOCK-----
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3.26. Grzegorz Blach <gblach@FreeBSD.org>

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pub 2048R/D25B0682 2012-11-03 [expires: 2014-11-03]
Key fingerprint = 225B 941C A886 05C6 1C87 9C03 DE72 593D 5
D25B 0682
uid Grzegorz Blach <gblach@FreeBSD.org>
sub 2048R/5DE28719 2012-11-03 [expires: 2014-11-03]
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-----END PGP PUBLIC KEY BLOCK-----
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3.27. Martin Blapp <mbr@FreeBSD.org>

```
pub 1024D/D300551E 2001-12-20 Martin Blapp <mb@imp.ch>
```

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Key fingerprint = B434 53FC C87C FE7B 0A18 B84C 8686 EF22 5
D300 551E
sub 1024g/998281C8 2001-12-20

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Version: GnuPG v1.0.6 (FreeBSD)
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Comment: For info see http://www.gnupg.org
```

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3.28. Warren Block <wblock@FreeBSD.org >

```

pub 2048R/BB37E0C846CB85CF 2014-03-13 [expires: 2017-03-12]
Key fingerprint = EC53 662F FEFE D6F4 2DBA B483 BB37 E0C8 5
46CB 85CF
uid Warren Block <wblock@FreeBSD.org>
uid Warren Block <wblock@wonkity.com>
sub 2048R/D79E292E145902B5 2014-03-13 [expires: 2017-03-12]

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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```

3.29. Vitaly Bogdanov <bvs@FreeBSD.org >

```
pub 1024D/B32017F7 2005-10-02 Vitaly Bogdanov <gad@gad.glazov.net>
    Key fingerprint = 402E B8E4 53CB 22FF BE62 AE35 A0BF B077 0
B320 17F7
uid                               Vitaly Bogdanov <bvs@freebsd.org>
sub 1024g/0E88C62E 2005-10-02
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3.30. Zbigniew Bodek <zbb@FreeBSD.org>

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pub 2048R/C32C9921 2013-09-04 [expires: 2018-09-03]
    Key fingerprint = B3EF DAFc C938 03EE 7B1B 5748 0EBE 8E50 0
C32C 9921
uid                               Zbigniew Bodek <zbb@FreeBSD.org>
sub 2048R/62B40108 2013-09-04 [expires: 2018-09-03]
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-----END PGP PUBLIC KEY BLOCK-----

3.31. Roman Bogorodskiy <novel@FreeBSD.org >

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pub 2048R/08C2226A 2010-12-03
    Key fingerprint = 8BA4 DF2A D14F 99B6 37E0 0070 C96D 5FFE 08C2 226A
uid          Roman Bogorodskiy <bogorodskiy@gmail.com>
uid          Roman Bogorodskiy <novel@FreeBSD.org>
uid          Roman Bogorodskiy <rbogorodskiy@apache.org>
uid          Roman Bogorodskiy <rbogorodskiy@gridynamics.com>
sub 2048R/EC4ED237 2010-12-03
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3.32. Renato Botelho <garga@FreeBSD.org>

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pub 4096R/9F625790 2012-11-28 [expires: 2017-11-27]
    Key fingerprint = E3DA 9B2A 6160 99CB 4B31 7641 F1F0 E7A1 9F62 5790
uid                               Renato Botelho (FreeBSD) <garga@FreeBSD.org>
uid                               Renato Botelho (Personal) <rbgarga@gmail.com>
uid                               Renato Botelho (FreeBSD) <garga.bsd@gmail.com>
sub 4096R/473CC82A 2012-11-28 [expires: 2017-11-27]
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Comment: GPGTools - http://gpgtools.org
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3.33. Alexander Botero-Lowry <aalexbl@FreeBSD.org >

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pub 1024D/12A95A7B 2006-09-13
    Key fingerprint = D0C3 47F8 AE87 C829 0613 3586 24DF F52B 0
12A9 5A7B
uid Alexander Botero-Lowry <aalexbl@FreeBSD.org>
sub 2048g/CA287923 2006-09-13

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3.34. Sofian Brabez <sbz@FreeBSD.org >

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pub 1024D/2487E57E 2011-03-15 [expires: 2016-03-14]
Key fingerprint = 05BA DC7E F628 DE3F B241 BFBB 7363 51F4
2487 E57E
uid Sofian Brabez <sbrabez@gmail.com>
uid Sofian Brabez <sbz@FreeBSD.org>
uid Sofian Brabez <sbz@6dev.net>
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3.35. Edson Brandi <ebrandi@FreeBSD.org>

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pub 3072R/FFD3035B 2012-11-26 [expires: 2017-11-25]
    Key fingerprint = 443B 5363 564F 06C3 EA54 9482 209E 9B54 0
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uid Edson Brandi <ebrandi@FreeBSD.org>
uid Edson Brandi <ebrandi@fugspbr.org>
uid Edson Brandi <ebrandi@ebrandi.eti.br>
uid Edson Brandi <edson.brandi@gmail.com>
uid Edson Brandi <ebrandi@primeirospassos.org>
uid Edson Brandi <ebrandi@gmail.com>
uid Edson Brandi <ebrandi@fug.com.br>
uid Edson Brandi <contato@edsonbrandi.com>
uid Edson Brandi (Born 1977-08-14 in S. S. DA 0
GRAMA, SP - Brazil)
sub 3072R/A34B8175 2012-11-26 [expires: 2013-11-26]
sub 3072R/4EB0E0EA 2012-11-26 [expires: 2013-11-26]
sub 3072R/89917E73 2012-11-26 [expires: 2013-11-26]
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Comment: GPGTools - http://gpgtools.org
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pub 1024D/5920099F 2003-01-29 Hartmut Brandt <brandt@fokus.
fraunhofer.de>
Key fingerprint = F60D 09A0 76B7 31EE 794B BB91 082F 291D 5
5920 099F
uid Hartmut Brandt <harti@freebsd.org>
sub 1024g/21D30205 2003-01-29

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Version: GnuPG v1.2.1 (FreeBSD)

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-----END PGP PUBLIC KEY BLOCK-----
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3.37. Oliver Braun <obraun@FreeBSD.org>

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pub 1024D/EF25B1BA 2001-05-06 Oliver Braun <obraun@unsane.org>
Key fingerprint = 6A3B 042A 732E 17E4 B6E7 3EAF C0B1 6B7D 0
EF25 B1BA
uid Oliver Braun <obraun@obraun.net>
uid Oliver Braun <obraun@freebsd.org>
uid Oliver Braun <obraun@haskell.org>
sub 1024g/09D28582 2001-05-06
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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3.38. Max Brazhnikov <makc@FreeBSD.org>

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pub 1024D/ACB3CD12 2008-08-18
    Key fingerprint = 4BAA 200E 720A 0BD1 7BB0 9DFD FBD9 08C2 0
ACB3 CD12
uid Max Brazhnikov <makc@FreeBSD.org>
uid Max Brazhnikov <makc@issp.ac.ru>
sub 1024g/5FAA4088 2008-08-18
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-----END PGP PUBLIC KEY BLOCK-----
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3.39. Jonathan M. Bresler <jmb@FreeBSD.org >

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pub 1024R/97E638DD 1996-06-05 Jonathan M. Bresler <jmb@Bresler.org>
   Key fingerprint = 31 57 41 56 06 C1 40 13 C5 1C E3 E5 DC 62 0E FB
uid Jonathan M. Bresler <jmb@FreeBSD.ORG>
uid Jonathan M. Bresler
uid Jonathan M. Bresler <Jonathan.0
Bresler@USi.net>
uid Jonathan M. Bresler <jmb@Frb.GOV>
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.40. Antoine Brodin <antoine@FreeBSD.org>

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pub 1024D/50CC2671 2008-02-03
    Key fingerprint = F3F7 72F0 9C4C 9E56 4BE9 44EA 1B80 31F3 50CC 2671
uid                               Antoine Brodin <antoine@FreeBSD.org>
sub 2048g/6F4AFBE5 2008-02-03
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3.41. Diane Bruce <db@FreeBSD.org>

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pub 2048R/8E9CAA7B 2012-05-16
    Key fingerprint = 8B08 E022 705D 0083 64C4 5E60 5148 0C74 8E9C AA7B
uid                               Diane Bruce <db@db.net>
uid                               Diane Bruce <db@FreeBSD.org>
sub 2048R/932E5985 2012-05-16
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3.42. Christian Bruffer <brueffer@FreeBSD.org>

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pub 4096R/A2E0582D3A67DC36 2013-09-23 [expires: 2018-10-23]
    Key fingerprint = 04D7 4375 648A B688 F821 57D2 A2E0 582D 3A67 DC36
uid                               Christian Brueffer <christian@brueffer.de>
uid                               Christian Brueffer <brueffer@FreeBSD.org>
uid                               Christian Brueffer <christian.brueffer@med.lu.se>
sub 4096R/78C8369847E16487 2013-09-23 [expires: 2018-10-23]
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=Pta0  
-----END PGP PUBLIC KEY BLOCK-----
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3.43. Markus Brüffer <markus@FreeBSD.org >

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pub 1024D/78F8A8D4 2002-10-21  
Key fingerprint = 3F9B EBE8 F290 E5CC 1447 8760 D48D 1072 78F8 A8D4  
uid Markus Brueffer <markus@brueffer.de>  
uid Markus Brueffer <buff@hitnet.rwth-aachen.de>  
uid Markus Brueffer <mbrueffer@mi.rwth-aachen.de>  
uid Markus Brueffer <markus@FreeBSD.org>  
sub 4096g/B7E5C7B6 2002-10-21
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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3.44. Sean Bruno <sbruno@FreeBSD.org>

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pub 2048R/1201EFCA1E727E64 2014-05-06 [expires: 2017-05-05]
Key fingerprint = BAAD 4632 E712 1DE8 D209 97DD 1201 EFCA 1E72 7E64
uid Sean Bruno (FreeBSD Committer and Clusteradm) <sbruno@freebsd.org>
sub 2048R/E1703D6B0E4E4A20 2014-05-06 [expires: 2017-05-05]
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-----END PGP PUBLIC KEY BLOCK-----
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3.45. Ruslan Bukin <br@FreeBSD.org >

```
pub 2048R/10F5E66E 2013-09-04
Key fingerprint = 57DF DADB 15FE EF7A 14C9 1DF3 ABF4 AFEB 57
10F5 E66E
uid Ruslan Bukin <br@freebsd.org>
sub 2048R/A33057CA 2013-09-04
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3.46. Oleg Bulyzhin <oleg@FreeBSD.org>

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pub 1024D/78CE105F 2004-02-06
    Key fingerprint = 98CC 3E66 26DE 50A8 DBC4 EB27 AF22 DCEF 78CE 105F
uid Oleg Bulyzhin <oleg@FreeBSD.org>
uid Oleg Bulyzhin <oleg@rinet.ru>
sub 1024g/F747C159 2004-02-06
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VFHBr+TxpUwBq4ZtI9K8YubPD+s86irYn9fHlnj9qnYsod3ySvU0xYhJBBgRAGAJ
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V8DuSaXJtEgVE7Wp5CeArqtWUg==
=/2pb
-----END PGP PUBLIC KEY BLOCK-----
```

3.47. Michael Bushkov <bushman@FreeBSD.org>

```
pub 1024D/F694C6E4 2007-03-11 [expires: 2008-03-10]
```

```
Key fingerprint = 4278 4392 BF6B 2864 C48E 0FA9 7216 C73C 6
F694 C6E4
uid Michael Bushkov <bushman@rsu.ru>
uid Michael Bushkov <bushman@freebsd.org>
sub 2048g/5A783997 2007-03-11 [expires: 2008-03-10]
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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mQGibEXzleYRBADIqilbqBfzstvMBy0Y3QlvQD9QIGQLwZbzi0MByQPwgZgBFk6x
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CD6K07GMTCBb102m2x97G+rNjGS8n7Uf7ITgoj9QtxBjpAC3K1ZcPoAcjwCgobcT
q5MUrCqPHrnlZ87BnbT/3m0D/15hcV+qndPCShIqFTYbTSG18X7LBNT0NZXmCm04
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H8XtBACpByr9qcCaJ9yNAwDbDZhj03zSeZoIQz6d/3tDv7SkzDLVyxErJCO7CiHg
JlxN0+paX0gW06xkLmwSESerJVbxEIoejdkdxeBqPEIQN+9Se6Q2tkefMMWd93IwL
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dXNoa292IDxidXNobWfUqGZyZWvic2Qub3JnPohmBBMRagAmBQJF85XmAhsDBQKB
4TOABgsJCAcDAgQVAggDBBYCAwECHgECF4AACGkQchbHPPaUxuSKQCdEAI0x9JT
lAxI0wL6ApsukCI1bgcAnjkybnn6t4WwYy7IvmMMJJ17oe0tCBNaWNoYwVsIEJ1
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C5EQWvi35HKNdXmq4ws0MG68DCTE3X0ABa5yPY7TiE8EGBECA8FAKXzlgACGwwF
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4L8/nn1Nbu+PBNHamCHI
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-----END PGP PUBLIC KEY BLOCK-----
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3.48. Jayachandran C. <jchandra@FreeBSD.org >

```
pub 1024D/3316E465 2010-05-19
Key fingerprint = 320B DB08 4FE3 BCFD 60AF E4DB F486 015F 6
3316 E465
uid Jayachandran C. <jchandra@freebsd.org>
sub 2048g/1F7755F9 2010-05-19
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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mQGibEv0X0gRBAC9mFTzSKBVumLXJwWdkt7HvSRKo64Zs7B0/tYzt4dWwIzWwUC/
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-----END PGP PUBLIC KEY BLOCK-----
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3.49. Jesus R. Camou <jcamou@FreeBSD.org >

```
pub 1024D/C2161947 2005-03-01
Key fingerprint = 274C B265 48EC 42AE A2CA 47D9 7D98 588A
C216 1947
uid Jesus R. Camou <jcamou@FreeBSD.org>
sub 2048g/F8D2A8DF 2005-03-01
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-----END PGP PUBLIC KEY BLOCK-----
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3.50. José Alonso Cárdenas Márquez <acm@FreeBSD.org >

```
pub 1024D/9B21BC19 2006-07-18
    Key fingerprint = 4156 2EAC A11C 9651 713B 3FC1 195F D4A8 9B21 BC19
uid                               Jose Alonso Cardenas Marquez <acm@FreeBSD.org>
sub 2048g/ADA16C52 2006-07-18
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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mQGibES8etwRBADeB8shuQ3GGp/Aozs0ggqLnSmFwCS8nGN+rnE+4LHuRzkL4Kh0
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=I2hd
-----END PGP PUBLIC KEY BLOCK-----
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3.51. Pietro Cerutti <gahr@FreeBSD.org >

```
pub 4096R/A192089E 2013-09-23 [expires: 2018-09-22]
    Key fingerprint = DA6D E106 A5B8 54B8 5DD8 6D49 ADD0 D38E 5
A192 089E
uid Pietro Cerutti <gahr@gahr.ch>
uid Pietro Cerutti (The FreeBSD Project) 5
<gahr@FreeBSD.org>
uid Pietro Cerutti (Medacta International) 5
<cerutti@medacta.ch>
sub 4096R/408BA46A 2013-09-23 [expires: 2018-09-22]
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sz8EYZH6IiqEULQ3UGLldHJVIEIcnV0dGkgKFRoZSBGcmVLQlNEIFByb2pLY3Qp
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3.52. Dmitry Chagin <dchagin@FreeBSD.org >

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pub 1024D/738EFCED 2009-02-27
    Key fingerprint = 3F3F 8B87 CE09 9E10 3606 6ACA D2DD 936F 738E FCED
uid          Dmitry Chagin <dchagin@freebsd.org>
uid          Dmitry Chagin (dchagin key) <dchagin.738EFCED@
dmitry@gmail.com>
sub 2048g/6A3FDFF9 2009-02-27
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3.53. Hye-Shik Chang <perky@FreeBSD.org >

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pub 1024D/CFDB4BA4 1999-04-23 Hye-Shik Chang <perky@FreeBSD.org>
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uid                               Hye-Shik Chang <hyeshik@gmail.com>
sub 1024g/A94A8ED1 1999-04-23
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3.54. Jonathan Chen <jon@FreeBSD.org >

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pub 1024D/2539468B 1999-10-11 Jonathan Chen <jon@spock.org>
Key fingerprint = EE31 CDA1 A105 C8C9 5365 3DB5 C2FC 86AA 0
2539 468B
uid Jonathan Chen <jon@freebsd.org>
uid Jonathan Chen <chenj@rpi.edu>
uid Jonathan Chen <spock@acm.rpi.edu>
uid Jonathan Chen <jon@cs.rpi.edu>
sub 3072g/B81EF1DB 1999-10-11
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.55. Jonathan Anderson <jonathan@FreeBSD.org>

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uid Jonathan Anderson <jonathan.anderson@ieee.org>
uid Jonathan Anderson (MUN) <jonathan.anderson@mun.0
ca>
uid Jonathan Anderson (Cambridge) <jonathan.0
anderson@cl.cam.ac.uk>
uid Jonathan Anderson (FreeBSD) <jonathan@FreeBSD.0
org>
sub 2048R/2E0832D2 2014-03-07 [expires: 2024-03-04]
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3.56. Fukang Chen <loader@FreeBSD.org >

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pub 4096R/6BD4DDE6 2012-10-26
    Key fingerprint = A33E 88AB D358 DA49 59A6 B263 A9A2 599C 6BD4 DDE6
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-----END PGP PUBLIC KEY BLOCK-----
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3.57. Luoqi Chen <luoqi@FreeBSD.org >

```
pub 1024D/2926F3BE 2002-02-22 Luoqi Chen <luoqi@FreeBSD.org>
Key fingerprint = B470 A815 5917 D9F4 37F3 CE2A 4D75 3BD1 0
2926 F3BE
uid Luoqi Chen <luoqi@bricore.com>
uid Luoqi Chen <lchen@onetta.com>
sub 1024g/5446EB72 2002-02-22
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

mQGiBDx2qBMRBADYSjvKVKcUxUb1aR1VjHTlFo6zc6PHMK8W3CRin7LY3NgsYsmZ
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-----END PGP PUBLIC KEY BLOCK-----
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3.58. Andrey A. Chernov <ache@FreeBSD.org >

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pub 2048R/A51C92FD0C8DF6CA 2014-08-09
    Key fingerprint = 36A5 CEDA 5878 AAC1 4888 79FA A51C 92FD 0C8D F6CA
uid                               Andrey Chernov <ache@FreeBSD.org>
sub 2048R/85902C6618402312 2014-08-09
    Key fingerprint = C8F1 E3F5 999F E916 FD0E AAE3 8590 2C66 1840 2312
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```

Alexander V. Chernikov
<melifaro@FreeBSD.org>

```
5W0a3zyz+ijDLrklT8gpnKpyXK5501wqCpdZYbDL6WF10d69ITHv6o0YnktNULkB
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3.59. Alexander V. Chernikov <melifaro@FreeBSD.org>

```
pub 1024D/2675AB69 2008-02-17
Key fingerprint = 00D2 E063 2FB0 2990 C602 50FD C1C2 7889 5
2675 AB69
uid Alexander V. Chernikov <melifaro@yandex-team.ru>
uid Alexander V. Chernikov <melifaro@ipfw.ru>
uid Alexander V. Chernikov <melifaro@freebsd.org>
sub 4096g/BC64F40C 2008-02-17
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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3.60. Sean Chittenden <seanc@FreeBSD.org>

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pub 1024D/EE278A28 2004-02-08 Sean Chittenden <sean@chittenden.org>
Key fingerprint = E41F F441 7E91 6CBA 1844 65CF B939 3C78 0
EE27 8A28
sub 2048g/55321853 2004-02-08
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0ev24JoBxQ==
=yGes
-----END PGP PUBLIC KEY BLOCK-----
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3.61. Junho CHOI <cjh@FreeBSD.org >

```
pub 1024D/E60260F5 2002-10-14 CHOI Junho (Work) <cjh@wdb.co.kr>
    Key fingerprint = 1369 7374 A45F F41A F3C0 07E3 4A01 C020 0
E602 60F5
uid                               CHOI Junho (Personal) <cjh@kr.
FreeBSD.org>
uid                               CHOI Junho (FreeBSD) <cjh@FreeBSD.org>
sub 1024g/04A4FDD8 2002-10-14
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.0 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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3.62. David Christensen <davidch@FreeBSD.org >

```
pub 4096R/6EF8EA544E261A57 2013-10-04 [expires: 2018-10-03]
    Key fingerprint = 6D3B 985F 2737 C936 F37D 93D6 6EF8 EA54 4E26 1A57
uid David Christensen (FreeBSD Committer Key) <davidch@freebsd.org>
sub 4096R/6B5D5DE299525D80 2013-10-04 [expires: 2018-10-03]
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-----END PGP PUBLIC KEY BLOCK-----
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3.63. Jonathan Chu <milki@FreeBSD.org >

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pub 4096R/1DAACB3510D2041A 2013-12-16
    Key fingerprint = 9F11 FB1D 917F CD6A 479D EA46 1DAA CB35 0
10D2 041A
uid Jonathan Chu (ports) <milki@FreeBSD.org>
sub 4096R/02DDC04CA046B32A 2013-12-16
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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3.64. Crist J. Clark <cjc@FreeBSD.org >

```
pub 1024D/FE886AD3 2002-01-25 Crist J. Clark <cjclark@jhu.edu>
    Key fingerprint = F04E CCD7 3834 72C2 707F 0A8F 259F 8F4B 8
FE88 6AD3
uid                               Crist J. Clark <cjclark@alum.mit.edu>
uid                               Crist J. Clark <cjc@freebsd.org>
sub 1024g/9B6BAB99 2002-01-25
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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=C4zW
-----END PGP PUBLIC KEY BLOCK-----
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3.65. Joe Marcus Clarke <marcus@FreeBSD.org>

```
pub 1024D/FE14CF87 2002-03-04 Joe Marcus Clarke (FreeBSD committer &
address) <marcus@FreeBSD.org>
    Key fingerprint = CC89 6407 73CC 0286 28E4 AFB9 6F68 8F8A &
FE14 CF87
uid                               Joe Marcus Clarke <marcus@marcuscom.org
com>
sub 1024g/B9ACE4D2 2002-03-04
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

mQGIBDyDmj4RBADa/Icz5Xl+cJUGNxC/tWgXWqcA9VA8GN+PeqKhXS0BnVHntdsQ
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=Bu/6
-----END PGP PUBLIC KEY BLOCK-----
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3.66. Nik Clayton <nik@FreeBSD.org >

```
pub 1024D/2C37E375 2000-11-09 Nik Clayton <nik@freebsd.org>
    Key fingerprint = 15B8 3FFC DDB4 34B0 AA5F 94B7 93A8 0764 5
2C37 E375
uid                               Nik Clayton <nik@slashdot.org>
uid                               Nik Clayton <nik@crf-consulting.co.uk>
uid                               Nik Clayton <nik@ngo.org.uk>
uid                               Nik Clayton <nik@bsdi.com>
sub 1024g/769E298A 2000-11-09
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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Version: GnuPG v1.0.6 (FreeBSD)
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Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.67. Benjamin Close <benjsc@FreeBSD.org >

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pub 1024D/4842B5B4 2002-04-10
    Key fingerprint = F00D C83D 5F7E 5561 DF91 B74D E602 CAA3 5
4842 B5B4
uid Benjamin Simon Close <Benjamin.5
Close@clearchain.com>
uid Benjamin Simon Close <benjsc@FreeBSD.org>
uid Benjamin Simon Close <benjsc@clearchain.com>
sub 2048g/3FA8A57E 2002-04-10
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-----END PGP PUBLIC KEY BLOCK-----
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3.68. Garrett Cooper <ngie@FreeBSD.org >

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pub 2048R/C66BE5053A4BBDE 2014-07-30 [expires: 2015-07-30]
    Key fingerprint = EB41 F9FC FB0F E8F4 3983 F6F8 C66B E505 ǵ
3A4B BDDE
uid                               Garrett Cooper <yaneurabeya@gmail.com>
sub 2048R/8072A2EF5B1FADD0 2014-07-30 [expires: 2015-07-30]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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Comment: GPGTools - https://gpgtools.org
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3.69. Tijl Coosemans <tijl@FreeBSD.org >

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pub 2048D/20A0B62B 2010-07-13
    Key fingerprint = 39AA F580 6B44 5161 9F86 ED49 7E80 92D8 ǵ
20A0 B62B
uid                               Tijl Coosemans <tijl@coosemans.org>
uid                               Tijl Coosemans <tijl@freebsd.org>
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sub 2048g/7D71BA74 2010-07-13
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-----END PGP PUBLIC KEY BLOCK-----
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3.70. Raphael Kubo da Costa <rakuco@FreeBSD.org >

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pub 4096R/18DCEED6 2011-10-03
Key fingerprint = 6911 54FE BA6E 6106 5789 7099 8DD0 7D21  ̣
18DC EED6
uid Raphael Kubo da Costa (Personal key)  ̣
<rakuco@FreeBSD.org>
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3.71. Alan L. Cox <alco@FreeBSD.org >

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pub 2048R/33E2893B 2013-06-15
    Key fingerprint = FC7C 93FD 2C2C ABA5 C1D1 3E74 8513 043C 33E2 893B
uid Alan Cox <alco@FreeBSD.org>
uid Alan Cox <alco@cs.rice.edu>
uid Alan Cox <alco@rice.edu>
sub 2048R/693757AA 2013-06-15
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3.72. Bruce Cran <brucec@FreeBSD.org>

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pub 2048R/6AF6F99E 2010-01-29
    Key fingerprint = 9A3C AE57 2706 B0E3 4B8A 8374 5787 A72B 6AF6 F99E
uid Bruce Cran <brucec@FreeBSD.org>
uid Bruce Cran <bruce@cran.org.uk>
sub 2048R/1D665CEE 2010-01-29
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k7SmNuT01MI9WzfrL0XS70hLA6ldX0gd9bYUEmaWqiHg2CB5HC8PsTxbS27Qzgyr
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=XNzi
```

-----END PGP PUBLIC KEY BLOCK-----

3.73. Frederic Culot <culot@FreeBSD.org >

```
pub 1024D/34876C5B 2006-08-26
    Key fingerprint = 50EE CE94 E43E BA85 CB67 262B B739 1A26 3487 6C5B
uid Frederic Culot <culot@FreeBSD.org>
uid Frederic Culot <frederic@culot.org>
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sub 2048g/F1EF901F 2006-08-26
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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xjQ2YdXkLfn287s9yc8HXIiPcwL06yPhDa1ZLEoebGLDp+nHI7QjRnJlZGVyAWMg
Q3Vsb3QgPGZyZWRlcmJjQGN1bG90Lm9yZz6IYAQTEQIAIAUCRPC4CwIBAwYLCQgH
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```
-----END PGP PUBLIC KEY BLOCK-----
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3.74. Aaron Dalton <aaron@FreeBSD.org >

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pub 1024D/8811D2A4 2006-06-21 [expires: 2011-06-20]
Key fingerprint = 8DE0 3CBB 3692 992F 53EF ACC7 BE56 0A4D 8811 D2A4
uid Aaron Dalton <aaron@freebsd.org>
sub 2048g/304EE8E5 2006-06-21 [expires: 2011-06-20]
```

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9PioqX0c5nU5AJ0YGkpXIzDzF6QskMwWQq64fMuE6rkCDQREmWehEAgAzFoPIPXW
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-----END PGP PUBLIC KEY BLOCK-----
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3.75. Baptiste Daroussin <bapt@FreeBSD.org >

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pub 1024D/49A4E84C 2008-11-19
Key fingerprint = A14B A5FC B860 86DE 73E2 B24C F244 ED31 49A4 E84C
uid Baptiste Daroussin <bapt@etoilebsd.net>
uid Baptiste Daroussin <baptiste.daroussin@gmail.com>
uid Baptiste Daroussin <bapt@FreeBSD.org>
sub 2048g/54AB46B4 2008-11-19
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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D2+VxC1zkCRqhNa+rg==
=NqtT
-----END PGP PUBLIC KEY BLOCK-----
```

3.76. Ceri Davies <ceri@FreeBSD.org >

```
pub 1024D/34B7245F 2002-03-08
    Key fingerprint = 9C88 EB05 A908 1058 A4AE 9959 A1C7 DCC1 5
34B7 245F
uid Ceri Davies <ceri@submonkey.net>
uid Ceri Davies <ceri@FreeBSD.org>
uid Ceri Davies <ceri@opensolaris.org>
sub 1024g/0C482CBC 2002-03-08
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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3.77. Brad Davis <brd@FreeBSD.org >

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    Key fingerprint = 5DFD D1A6 BEEE A6D4 B3F5 4236 D362 3291
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uid Brad Davis <sol14k@sol14k.com>
uid Brad Davis <brd@FreeBSD.org>
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3.78. Eric Davis <edavis@FreeBSD.org >

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uid Eric Davis <edavis@insanum.com>
uid Eric Davis <edavis@FreeBSD.org>
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6KNgQrMxiP3AfanPIw==
=rvTg
-----END PGP PUBLIC KEY BLOCK-----
```

3.79. Pawel Jakub Dawidek <pjd@FreeBSD.org >

```
pub 1024D/B1293F34 2004-02-02 Pawel Jakub Dawidek <Pawel@Dawidek.ϯ
net>
Key fingerprint = A3A3 5B4D 9CF9 2312 0783 1B1D 168A EF5D ϯ
B129 3F34
uid Pawel Jakub Dawidek <pjd@FreeBSD.org>
uid Pawel Jakub Dawidek <pjd@FreeBSD.pl>
sub 2048g/3EEC50A7 2004-02-02 [expires: 2006-02-01]
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
```

3.80. Alexey Degtyarev <aLexey@FreeBSD.org >

```
pub 2048R/392CE63AA025BC4D 2013-11-08
Key fingerprint = B347 13EF BDDA 45FE EEB1 9110 392C E63A 0
A025 BC4D
uid Alexey Degtyarev <aalexey@freebsd.org>
sub 2048R/6D5FB75FB723C378 2013-11-08
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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=bwuv
-----END PGP PUBLIC KEY BLOCK-----
```

3.81. Brian S. Dean <bsd@FreeBSD.org >

```
pub 1024D/723BDEE9 2002-01-23 Brian S. Dean <bsd@FreeBSD.org>
    Key fingerprint = EF49 7ABE 47ED 91B3 FC3D 7EA5 4D90 2FF7 7
723B DEE9
sub 1024g/4B02F876 2002-01-23
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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IwCftGutfs+PGUY9JJoabnnfJhfIgNA=
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-----END PGP PUBLIC KEY BLOCK-----
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3.82. Carl Delsey <carl@FreeBSD.org >

```
pub 4096R/FB3B5D38 2013-01-15
    Key fingerprint = F0E5 3849 C6C3 668B 68A3 BCC7 6031 E963 7
FB3B 5D38
uid Carl Delsey <carl@FreeBSD.org>
sub 4096R/256F29D3 2013-01-15
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=jP+z
-----END PGP PUBLIC KEY BLOCK-----
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3.83. Vasil Dimov <vd@FreeBSD.org >

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pub 1024D/F6C1A420 2004-12-08
Key fingerprint = B1D5 04C6 26CC 0D20 9525 14B8 170E 923F 6C1
F6C1 A420
uid Vasil Dimov <vd@FreeBSD.org>
uid Vasil Dimov <vd@datamax.bg>
sub 4096g/A0148C94 2004-12-08
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-----END PGP PUBLIC KEY BLOCK-----
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3.84. Roman Divacky <rdivacky@FreeBSD.org>

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pub 1024D/3DC2044C 2006-11-15
Key fingerprint = 6B61 25CA 49BC AAC5 21A9 FA7A 2D51 23E8 3DC2 044C
uid Roman Divacky <rdivacky@freebsd.org>
sub 2048g/39BDCE16 2006-11-15
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-----END PGP PUBLIC KEY BLOCK-----
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3.85. Alexey Dokuchaev <danfe@FreeBSD.org >

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pub 1024D/3C060B44 2004-08-23 Alexey Dokuchaev <danfe@FreeBSD.org>
Key fingerprint = D970 08A4 922C 8D63 0C19 8D27 F421 76EE 3
3C06 0B44
sub 1024g/70BAE967 2004-08-23
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-----END PGP PUBLIC KEY BLOCK-----
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3.86. Dima Dorfman <dd@FreeBSD.org >

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pub 1024D/69FAE582 2001-09-04
Key fingerprint = B340 8338 7DA3 4D61 7632 098E 0730 055B 69FA E582
uid Dima Dorfman <dima@trit.org>
uid Dima Dorfman <dima@unixfreak.org>
uid Dima Dorfman <dd@freebsd.org>
sub 2048g/65AF3B89 2003-08-19 [expires: 2005-08-18]
sub 2048g/8DB0CF2C 2005-05-29 [expires: 2007-05-29]
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3.87. Bryan Drewery <bdrewery@FreeBSD.org>

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pub 2048R/35D771BB6E4697CF 2013-10-24 [expires: 2018-10-23]
    Key fingerprint = F917 3CB2 C3AA EA7A 5C8A 1F09 35D7 71BB 6E46 97CF
uid                               Bryan Drewery <bdrewery@FreeBSD.org>
uid                               Bryan Drewery <bryan@shatow.net>
sub 2048R/FF5A7FF27D55A32D 2013-10-24 [expires: 2018-10-23]

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3.88. Olivier Duchateau <olivierd@FreeBSD.org >

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pub 2048R/22431859 2012-05-28 [expires: 2017-05-27]
Key fingerprint = C057 112A 4A27 B5F2 CD8F 6C9A FC5A 0167 2243 1859
uid Olivier Duchateau <duchateau.olivier@gmail.com>
sub 2048R/63A85BDF 2012-05-28 [expires: 2017-05-27]
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3.89. Bruno Ducrot <bruno@FreeBSD.org>

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pub 1024D/7F463187 2000-12-29
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uid                               Ducrot Bruno (Poup Master) <ducrot@poupinou.org>
sub 1024g/40282874 2000-12-29
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3.90. Alex Dupre <ale@FreeBSD.org >

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pub 1024D/CE5F554D 1999-06-27 Alex Dupre <sysadmin@alexdupre.com>
Key fingerprint = DE23 02EA 5927 D5A9 D793 2BA2 8115 E9D8 ☞
CE5F 554D
uid Alex Dupre <ale@FreeBSD.org>
uid [jpeg image of size 5544]
uid Alex Dupre <ICQ:5431856>
sub 2048g/FD5E2D21 1999-06-27
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3.91. Rusmir Dusko <nemysis@FreeBSD.org >

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OpenPGP Keys

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Q1mI01Ql8i2MC0tDRm8wmXhrNB21xVgt8hoj1YjIE2ssGehyh60IFmZ2xxhJLVve
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KsZ07gd7vllSvuph00AmPgHjCdHT+AvDoIoUd8CsSXcAWcVLA8Lrj6G+IDg=  
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-----END PGP PUBLIC KEY BLOCK-----
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3.92. Peter Edwards <peadar@FreeBSD.org >

```
pub 1024D/D80B4B3F 2004-03-01 Peter Edwards <peadar@FreeBSD.org>  
Key fingerprint = 7A8A 9756 903E BEF2 4D9E 3C94 EE52 52F7 7  
D80B 4B3F  
uid Peter Edwards <pmedwards@eircom.net>
```

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mQGibEBDLwWRBACjdnuv/rCOVEjpYmLmQmmyYZ0hbUdustNozm8dtKpg2w+zED3z  
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Mxr+aT2o01qzxi+dS8+SWXjCBwT5mRVd0Zq7RFYd73I+FrzltLQkUGV0ZXIgrRWR3  
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ckrEYUJfPdH0GKonpipJQwL6  
=73v6  
-----END PGP PUBLIC KEY BLOCK-----
```

3.93. Daniel Eischen <deischen@FreeBSD.org >

```
pub 4096R/7D15560B 2012-11-17  
Key fingerprint = 0039 2133 69CA 14D3 236A E331 361A 68B2 7  
7D15 560B  
uid Daniel Eischen <deischen@FreeBSD.org>  
sub 4096R/A51F81F7 2012-11-17
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQINBFcntAUBEACwjEAEbH8GDWGH+6ciSSocVDFfdMvLLWaoH0EjqsVMmotgP6dz  
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-----END PGP PUBLIC KEY BLOCK-----
```

3.94. Josef El-Rayes <josef@FreeBSD.org >

```
pub 2048R/A79DB53C 2004-01-04 Josef El-Rayes <josef@FreeBSD.org>
Key fingerprint = 58EB F5B7 2AB9 37FE 33C8 716B 59C5 22D9 0
A79D B53C
uid Josef El-Rayes <josef@daemon.li>
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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=UfKm
-----END PGP PUBLIC KEY BLOCK-----
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3.95. Lars Engels <lme@FreeBSD.org >

```
pub 2048R/E54CB37D3A089D6D 2014-03-10 [expires: 2017-03-09]
Key fingerprint = 8F40 017E 4DF5 3125 7AFE 5149 E54C B37D 3A08 9D6D
uid Lars Martin Engels <lars@bsd-geek.de>
uid Lars Martin Engels <lars.engels@0x20.>
net>
uid Lars Martin Engels <lars@0x20.net>
uid Lars Martin Engels <lme@FreeBSD.org>
sub 2048R/5AB391DB0BA67DBB 2014-03-10 [expires: 2017-03-09]
Key fingerprint = C31C 8DAA 4A95 2507 F065 C42D 5AB3 91DB 0BA6 7DBB
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3.96. Udo Erdelhoff <ue@FreeBSD.org >

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pub 1024R/E74FA871 1994-07-19 Udo Erdelhoff <uer@de.uu.net>
    Key fingerprint = 8C B1 80 CA 2C 52 73 81 FB A7 B4 03 C5 32 0
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uid Udo Erdelhoff <ue@nathan.ruhr.de>
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.97. Ruslan Ermilov <ru@FreeBSD.org >

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pub 1024D/996E145E 2004-06-02 Ruslan Ermilov (FreeBSD) <ru@FreeBSD.org>
Key fingerprint = 274E D201 71ED 11F6 9CCB 0194 A917 E9CC 996E 145E
uid Ruslan Ermilov (FreeBSD Ukraine) <ru@FreeBSD.org.ua>
uid Ruslan Ermilov (IPNet) <ru@ip.net.ua>
sub 1024g/557E3390 2004-06-02 [expires: 2007-06-02]

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3.98. Lukas Ertl <le@FreeBSD.org >

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pub 1024D/F10D06CB 2000-11-23 Lukas Ertl <le@FreeBSD.org>
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3.99. Stefan Esser <se@FreeBSD.org>

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pub 2048R/5B67BDFAC91BF2B 2013-10-28
Key fingerprint = FAE1 71FB 7760 6F2D 1674 D25A 5B67 BDF5
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uid Stefan Esser <se@freebsd.org>
sub 2048R/03A1012574860DCE 2013-10-28
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3.100. Brendan Fabeny <bf@FreeBSD.org >

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pub 4096R/0x4AE10A7E8F65FECF 2013-09-27 [expires: 2016-09-26]
Key fingerprint = C5C3 8EB7 0DCD 2BA2 B8AB 6BBC 4AE1 0A7E 8F65 FECF
uid [ultimate] Brendan Fabeny <bf@FreeBSD.org>
sub 4096R/0x8B6BF0BED7B81E31 2013-09-27 [expires: 2016-09-26]
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3.101. Guido Falsi <madpilot@FreeBSD.org >

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pub 2048R/1AE6860E56CBD293 2012-04-12
Key fingerprint = F317 2057 E17E 4E3A 3DA5 9E1D 1AE6 860E 5
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uid Guido Falsi <mad@madpilot.net>
uid Guido Falsi <guido@falsiborrelli.it>
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uid Guido Falsi <gfalsi@fratio.it>
sub 4096R/CB95603DDCCDB1C8 2014-02-28
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3.102. Rong-En Fan <rafan@FreeBSD.org >

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pub 1024D/86FD8C68 2004-06-04
Key fingerprint = DC9E 5B4D 2DDA D5C7 B6F8 6E69 D78E 1091 86FD 8C68
uid Rong-En Fan <rafan@infor.org>
uid Rong-En Fan <rafan@csie.org>
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3.103. Stefan Farfeleder <stefanf@FreeBSD.org >

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pub 1024D/8BEFD15F 2004-03-14 Stefan Farfeleder <stefanf@fafoe.narf.
at>
Key fingerprint = 4220 FE60 A4A1 A490 5213 27A6 319F 8B28 8BEF
D15F
uid Stefan Farfeleder <stefanf@complang.
tuwien.ac.at>
uid Stefan Farfeleder <stefanf@FreeBSD.
org>
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sub 2048g/418753E9 2004-03-14 [expires: 2007-03-14]
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-----END PGP PUBLIC KEY BLOCK-----
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3.104. Babak Farrokhi <farrokhi@FreeBSD.org >

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pub 1024D/7C810476 2005-12-22
Key fingerprint = AABD 388F A207 58B4 2EE3 5DFD 4FC1 32C3 7C81 0476
uid Babak Farrokhi <farrokhi@FreeBSD.org>
uid Babak Farrokhi <babak@farrokhi.net>
sub 2048g/2A5F93C7 2005-12-22
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-----END PGP PUBLIC KEY BLOCK-----
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3.105. Chris D. Faulhaber <jedgar@FreeBSD.org >

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pub 1024D/FE817A50 2000-12-20 Chris D. Faulhaber <jedgar@FreeBSD.org>
org>
Key fingerprint = A47D A838 9216 F921 A456 54FF 39B6 86E0 7A50
FE81 7A50
uid Chris D. Faulhaber <jedgar@fxp.org>
sub 2048g/93452698 2000-12-20
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.106. Mark Felder <feld@FreeBSD.org >

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pub 2048R/1F13E252 2013-11-09 [expires: 2014-11-09]  
Key fingerprint = 7481 93E6 C417 1C8A 4B6B 2488 983B 6450 0  
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uid Mark Felder <feld@FreeBSD.org>  
sub 2048R/C025EB78 2013-11-09 [expires: 2014-11-09]
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3.107. Brian F. Feldman <green@FreeBSD.org >

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pub 1024D/41C13DE3 2000-01-11 Brian Fundakowski Feldman <
<green@FreeBSD.org>
    Key fingerprint = 6A32 733A 1BF6 E07B 5B8D AE14 CC9D DCA2 <
41C1 3DE3
sub 1024g/A98B9FCC 2000-01-11 [expires: 2001-01-10]

pub 1024D/773905D6 2000-09-02 Brian Fundakowski Feldman <
<green@FreeBSD.org>
    Key fingerprint = FE23 7481 91EA 5E58 45EA 6A01 B552 B043 <
7739 05D6
sub 2048g/D2009B98 2000-09-02
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.108. Mário Sérgio Fujikawa Ferreira <lioux@FreeBSD.org >

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pub 4096R/B43B673FDAE448D1 2014-02-13 [expires: 2019-02-12]
    Key fingerprint = 0617 5DB3 8B1A C326 A542 3B3C B43B 673F  ⤵
DAE4 48D1
uid                               Mario Sergio Fujikawa Ferreira (lioux)  ⤵
<lioux@FreeBSD.org>
sub 4096R/D780173751E6FF87 2014-02-13 [expires: 2019-02-12]
sub 3072D/BB0B0361BC87D308 2014-02-13 [expires: 2015-02-13]
sub 4096g/C90A229CFE1F29B0 2014-02-13 [expires: 2015-02-13]
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-----END PGP PUBLIC KEY BLOCK-----

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3.109. Matthew Fleming <mdf@FreeBSD.org >

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pub 2048R/A783DAA2 2012-11-22 [expires: 2016-11-22]
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Key fingerprint = 773F E069 BE98 CE96 4AC6 B8AB 1A1B 255E 3
A783 DAA2
uid           Matthew D Fleming <mdf356@gmail.com>
uid           Matthew D Fleming <mdf@FreeBSD.org>
sub          2048R/4015B7AA 2012-11-22 [expires: 2016-11-22]
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-----END PGP PUBLIC KEY BLOCK-----

3.110. Tony Finch <fanf@FreeBSD.org >

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pub 1024D/84C71B6E 2002-05-03 Tony Finch <dot@dotat.at>
    Key fingerprint = 199C F25B 2679 6D04 63C5 2159 FFC0 F14C 84C7 1B6E
uid                                     Tony Finch <fanf@FreeBSD.org>
uid                                     Tony Finch <fanf@apache.org>
uid                                     Tony Finch <fanf2@cam.ac.uk>
sub 2048g/FD101E8B 2002-05-03
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Version: GnuPG v1.0.7 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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3.111. Marc Fonvieille <blackend@FreeBSD.org >

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pub 1024D/4F8E74E8 2004-12-25 Marc Fonvieille <blackend@FreeBSD.org>
Key fingerprint = 55D3 4883 4A04 828A A139 A5CF CD0F 51C0  4F8E 74E8
uid Marc Fonvieille <marc@blackend.org>
uid Marc Fonvieille <marc@freebsd-fr.org>
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sub 1024g/37AD4E7D 2004-12-25
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-----END PGP PUBLIC KEY BLOCK-----
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3.112. Pete Fritchman <petef@FreeBSD.org >

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pub 1024D/74B91CFD 2001-01-30 Pete Fritchman <petef@FreeBSD.org>
Key fingerprint = 9A9F 8A13 DB0D 7777 8D8E 1CB2 C5C9 A08F 0
74B9 1CFD
uid Pete Fritchman <petef@databits.net>
uid Pete Fritchman <petef@csh.rit.edu>
sub 1024g/0C02AF0C 2001-01-30
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----

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3.113. Bernhard Fröhlich <decke@FreeBSD.org >

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pub 4096R/59C48D501F718F36 2013-11-22 [expires: 2016-11-21]
Key fingerprint = 2824 75D6 97AB C053 1B71 C127 59C4 8D50 1F71 8F36

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OpenPGP Keys

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uid Bernhard Fröhlich <decke@FreeBSD.org>
uid Bernhard Fröhlich <decke@bluelife.at>
sub 4096R/18EA4819E808DF16 2013-11-22 [expires: 2016-11-21]
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-----END PGP PUBLIC KEY BLOCK-----
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3.114. Bill Fumerola <billf@FreeBSD.org >

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pub 1024D/7F868268 2000-12-07 Bill Fumerola (FreeBSD Developer) 
<billf@FreeBSD.org>
    Key fingerprint = 5B2D 908E 4C2B F253 DAEB FC01 8436 B70B 
    7F86 8268
uid                               Bill Fumerola (Security Yahoo) 
<fumerola@yahoo-inc.com>
sub 1024g/43980DA9 2000-12-07
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.115. Andriy Gapon <avg@FreeBSD.org>

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pub 4096R/0x380342A852615619 2013-09-23 [expires: 2017-09-22]
    Key fingerprint = 6414 0613 EC1E 5175 77F5 785B 3803 42A8 5261 5619
uid [ultimate] Andriy Gapon <avg@FreeBSD.org>
uid [ultimate] Andriy Gapon <andriy.gapon@hybridcluster.com>
uid [ultimate] Andriy Gapon <avg@icyb.net.ua>
sub 4096R/0xFFf3DA35E4129D34 2013-09-23 [expires: 2017-09-22]
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3.116. Beat Gätzi <beat@FreeBSD.org>

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pub 1024D/774249DB 2009-01-28 [expires: 2014-01-27]
Key fingerprint = C410 3187 5B29 DD02 745F 0890 40C5 BCF7 0
7742 49DB
uid Beat Gaetzi <beat@FreeBSD.org>
sub 2048g/173CFFCA 2009-01-28 [expires: 2014-01-27]
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-----END PGP PUBLIC KEY BLOCK-----
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3.117. Daniel Geržo <danger@FreeBSD.org>

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pub 1024D/DA913352 2007-08-30 [expires: 2008-08-29]
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Key fingerprint = 7372 3F15 F839 AFF5 4052 CAC7 1ADA C204 3
DA91 3352
uid          Daniel Gerzo <gerzo@rulez.sk>
uid          Daniel Gerzo <danger@rulez.sk>
uid          Daniel Gerzo (The FreeBSD Project) 3
<danger@FreeBSD.org>
uid          Daniel Gerzo (Micronet, a.s.) <gerzo@micronet.3
sk>
sub         2048g/C5D57BDC 2007-08-30 [expires: 2008-08-29]

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-----END PGP PUBLIC KEY BLOCK-----

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3.118. Simon J. Gerraty <sjg@FreeBSD.org>

OpenPGP Keys

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pub 1024D/B6CC76BF 2002-06-12
    Key fingerprint = F3BA D6CB E1F8 02EA 705F BCAD 6125 F840  ̣
B6CC 76BF
uid Simon J. Gerraty <sjg@crufty.net>
uid Simon J. Gerraty <sjg@juniper.net>
uid Simon J. Gerraty <sjg@NetBSD.org>
uid Simon J. Gerraty <sjg@FreeBSD.org>
sub 1024g/D94B72B9 2002-06-12
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-----END PGP PUBLIC KEY BLOCK-----
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3.119. Justin T. Gibbs <gibbs@FreeBSD.org>

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pub 2048R/45A4FC2F 2012-02-10
Key fingerprint = B98A C3AB 412B 094B D6FE E713 FA5A 1E30 45A4 FC2F
uid Justin T. Gibbs <gibbs@FreeBSD.org>
uid Justin T. Gibbs <gibbs@FreeBSDFoundation.org>
uid Justin T. Gibbs <gibbs@scsiguy.com>
sub 2048R/AF6927F8 2012-02-10
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-----END PGP PUBLIC KEY BLOCK-----
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3.120. Pedro Giffuni <pfG@FreeBSD.org >

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pub 2048D/422BDFE4 2011-12-06
Key fingerprint = A12B 7C6B 54C0 921B C64F 7B35 58DF 6813  3
422B DFE4
uid Pedro Giffuni (FreeBSD key signature)  3
<pfG@FreeBSD.org>
sub 2048g/43A91DE0 2011-12-06
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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3.121. Palle Girgensohn <girgen@FreeBSD.org>

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3.122. Philip M. Gollucci <pgollucci@FreeBSD.org >

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<pgollucci@sedanmagic.com>
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OpenPGP Keys

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<pgollucci@freebsd.org>  
uid Philip M. Gollucci (Apache Software ☞  
Foundation) <pgollucci@apache.org>  
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-----END PGP PUBLIC KEY BLOCK-----
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3.123. Mikolaj Golub <trocin@FreeBSD.org >

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pub 2048D/19D0B7C168EB30CD 2011-03-13
Key fingerprint = F941 9360 203C C663 A4A3 8FDF 19D0 B7C1 68EB 30CD
uid Mikolaj Golub <trocin@freebsd.org>
sub 2048g/8E49E362CF53D752 2011-03-13
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3.124. Danilo Egêa Gondolfo <danilo@FreeBSD.org>

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pub 2048R/9788BB7C 2013-09-23
    Key fingerprint = 8946 BD31 4B3F 4AD2 428A D6C5 D847 FA50  9
9788 BB7C
uid                               Danilo Egea Gondolfo <danilo@FreeBSD.org>
sub 2048R/7FAB4DF5 2013-09-23
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-----END PGP PUBLIC KEY BLOCK-----
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3.125. Daichi GOTO <daichi@FreeBSD.org >

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pub 1024D/09EBADD6 2002-09-25 Daichi GOTO <daichi@freebsd.org>
Key fingerprint = 620A 9A34 57FB 5E93 0828 28C7 C360 C6ED 0
09EB ADD6
sub 1024g/F0B1F1CA 2002-09-25
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Version: GnuPG v1.2.0 (FreeBSD)

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3.126. Marcus Alves Grando <mnag@FreeBSD.org>

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pub 1024D/CDCC273F 2005-09-15 [expires: 2010-09-14]
    Key fingerprint = 57F9 DEC1 5BBF 06DE 44A5 9A4A 8BEE 5F3A
CDCC 273F
uid Marcus Alves Grando <marcus@sbh.eng.br>
uid Marcus Alves Grando <marcus@corp.grupos.com.br>
uid Marcus Alves Grando <mnag@FreeBSD.org>
sub 2048g/698AC00C 2005-09-15 [expires: 2010-09-14]
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Version: GnuPG v1.4.2 (FreeBSD)

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7e+GtfYo+riB4Nb/TSuQjw45DKVaqYni13P2P1EmHwMrSjnL3Yrck3x/vDrCKa0c
2+BAMAA LVn0GdaYT1xsaMBGcgSkybQo0mvMm5hdtxURqi7k/TbaNhV/etSzFB/CI
TwQYEQIADwUCQynAUgIbDAUJCWYBgAAKCRCL7l86zcwnPw4iAJ9rVa0A1zKrzWRX
CLE2Xxf/FkN6JQCfZU7PjkJvE9jgqsBVFmhi6S6kNZ8=
=rDV2
```

-----END PGP PUBLIC KEY BLOCK-----

3.127. Peter Grehan <grehan@FreeBSD.org>

```
pub 1024D/EA45EA7D 2004-07-13 Peter Grehan <grehan@freebsd.org>
```

OpenPGP Keys

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Key fingerprint = 84AD 73DC 370E 15CA 7556 43C8 F5C8 4450 5
EA45 EA7D
sub 2048g/0E122D70 2004-07-13
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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XQHfTdms5d6yhYwyQ4SrJ6sD/izS3iZBHe/nDdTbnSIA4sIdcZU+n+sRfX7/GPs3H
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=UNPF
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-----END PGP PUBLIC KEY BLOCK-----

3.128. Jamie Gritton <jamie@FreeBSD.org >

```
pub 1024D/8832CB7F 2009-01-29
Key fingerprint = 34F8 1E62 C7A5 7CB9 A91F 7864 8C5A F85E 5
8832 CB7F
uid James Gritton <jamie@FreeBSD.org>
sub 2048g/94E3594D 2009-01-29
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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=Uux7
-----END PGP PUBLIC KEY BLOCK-----
```

3.129. Edwin Groothuis <edwin@FreeBSD.org >

```
pub 2048R/C593B37A 2013-11-02 [expires: 2017-11-02]
    Key fingerprint = 7046 C56A A497 73C6 096C 3F50 11C4 8287 5
C593 B37A
uid Edwin Groothuis <edwin@freebsd.org>
sub 2048R/731E3D42 2013-11-02 [expires: 2017-11-02]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG/MacPGP2 v2.0.22 (Darwin)
Comment: GPGTools - https://gpgtools.org
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=y0tR
-----END PGP PUBLIC KEY BLOCK-----
```

3.130. William Grzybowski <wg@FreeBSD.org >

```
pub 2048R/CFC460C5 2012-09-28
Key fingerprint = FC40 5CD8 0879 7F50 0036 D924 D9F7 8B27 0
CFC4 60C5
uid William Grzybowski (FreeBSD) <wg@freebsd.org>
uid William Grzybowski <william88@gmail.com>
sub 2048R/05577997 2012-09-28
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
```

3.131. Barbara Guida <bar@FreeBSD.org >

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pub 2048R/3DF5F750 2012-11-13
    Key fingerprint = D367 F6C8 2A5F 2921 70D2 B446 27DD 6FD6 3DF5 F750
uid Barbara Guida <bar@FreeBSD.org>
uid Barbara Guida <barbara.freebsd@gmail.com>
sub 2048R/1DF7506C 2012-11-13
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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AA+Qvw==
=8co3
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-----END PGP PUBLIC KEY BLOCK-----
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3.132. John-Mark Gurney <jmg@FreeBSD.org >

```
pub 1024D/9CB18F746D3FA396 2011-03-03 [expires: 2016-03-01]
    Key fingerprint = 54BA 873B 6515 3F10 9E88 9322 9CB1 8F74 6D3F 6D3F A396
uid                               John-Mark Gurney <jmg@FreeBSD.org>
uid                               John-Mark Gurney <jmg@funkthat.com>
sub 4096g/6D93E13E0A4C095E 2011-03-03 [expires: 2016-03-01]
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3.133. Mateusz Guzik <mjg@FreeBSD.org >

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pub 2048R/21489259 2012-06-03
Key fingerprint = 3A9F 25FF ABF6 BB23 5C70 C61B 96D3 5178 0
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uid Mateusz Guzik <mjg@freebsd.org>
sub 2048R/EA19FE8D 2012-06-03
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3.134. Jason E. Hale <jhale@FreeBSD.org >

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pub 3072D/8F2E5907 2012-09-07
Key fingerprint = 009C 54BF 32D0 F373 8126 C8A1 D8DD 2CA4 8F2E 5907
uid Jason E. Hale <jhale@FreeBSD.org>
uid Jason E. Hale <bsdcaffee@gmail.com>
sub 4096g/7081A001 2012-09-07
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```

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-----END PGP PUBLIC KEY BLOCK-----
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3.135. Daniel Harris <dannyboy@FreeBSD.org >

```
pub 1024D/84D0D7E7 2001-01-15 Daniel Harris <dannyboy@worksforfood.
com>
Key fingerprint = 3C61 B8A1 3F09 D194 3259 7173 6C63 DA04
84D0 D7E7
uid Daniel Harris <dannyboy@freebsd.org>
uid Daniel Harris <dh@askdh.com>
uid Daniel Harris <dh@wordassault.com>
sub 1024g/9DF0231A 2001-01-15
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.7 (FreeBSD)
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```

Daniel Hartmeier
<dhartmei@FreeBSD.org >

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PAB5w/RhZBSR5NDVZYAnNqagE7U7KMqn4/E0LC7w1TzoIZvDMrQkRGFuaWVsIEhh  
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-----END PGP PUBLIC KEY BLOCK-----
```

3.136. Daniel Hartmeier <dhartmei@FreeBSD.org >

```
pub 1024R/6A3A7409 1994-08-15 Daniel Hartmeier <dhartmei@freebsd.org>  
Key fingerprint = 13 7E 9A F3 36 82 09 FE FD 57 B8 5C 2B 81 7E 1F
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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3.137. Oliver Hauer <ohauer@FreeBSD.org >

```
pub 2048R/5D008F1A 2010-07-26
Key fingerprint = E9EE C9A5 EB4C BD29 74D7 9178 E56E 06B3 5D00 8F1A
uid olli hauer <ohauer@FreeBSD.org>
uid olli hauer <ohauer@gmx.de>
sub 2048R/5E25776E 2010-07-26
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-----END PGP PUBLIC KEY BLOCK-----
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3.138. Emanuel Haupt <ehaupt@FreeBSD.org >

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pub 3072D/329A273C 2012-11-17 [expires: 2013-11-17]
    Key fingerprint = 920C A49A 5A23 F9E3 4EB0 4387 AB90 5C56 329A 273C
uid Emanuel Haupt <ehaupt@FreeBSD.org>
sub 3072g/70183B96 2012-11-17 [expires: 2013-11-17]
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caPunM2hHKbLATEIeFqmtJ00L5vvmTk9CubFby1c5HKPxtK1ZZFSp8lh26Mtoi+e
BH4TL6AUuYtJIHvr6QRaj26k/D8GY3wINikip18epwka3xTL0BPN/ANQZVDk1Sa1
5dTIvj29QLVe6ie9Ijw9Uqsq8rR3Ik0fyfjQYhkzm0yH5cSw5L4uDIU4g0Eu5C8L
SyxY6qmZDn7ELIVv78lSmDgIc0TCuSFFyyqj1P4QB3UPyR/ClntX/uambNu8qIa2
0XwNSLhu70rsY2ln6URFXmuTk7d535LLPCRAF/PRnz7M41iA00MhJRjhf3Wz+6wV
f6akRVsSm27j2w6N/ZtiM45A29MmJz/ujcuG3CGz3Ha72dNtgS/UC4kXbbnXUklo
SVjaUzRGhjPn+x93h/Kp5qfKec9W0jhUeEck/M60D+LsuwADBQv/faGAWHCwWGVY
```

```
PgbSyguLTT8NLSrkGYgcwTLi0yEgLXJNfdlJrKq7gp9xQtKs7CccFfEsY8j9+3qo
/xqiuxUtLo3ur6k3yFtvwU0k16fq/aSdo70VFBnHYefjky0r2WRPTS03PTvRmRk0
hBcJ4Z0wn8JIPxTH7mNcdJMGwW08kJFZ0C1nQaBSvg30U5vlfIREBXMbidCv3BDL
rFRFeaBPCUQsXacLoFm0EzX0fWQrZ/y1HUxP0FMQqFwLtEeaQq5hf/uG1wdUMfb1B
FD1XtSYAk20LHBLsAQrn0lQDS9g8geLy2tttbcPpdTehI/pIrcay8gXEestLm5E
cqfoR5fg+7tnPyf9wcc+GsWhgWw6PM75whraLaEvPNd9nXl4GooHgykw/nVFOEK4
7WU2pPcXEi7DV66tss0BWXzXmTJ29zQeT8siH0fUdnBriQyzBoFeNRXhF33pcHPn
DTY5IW1KzI86GT34IF6p8xQcP6g4TRTMZfU95+GhcCDSK6Fny1sLiGcEGBEIAA8F
AlCnfG4CGwwFCQHHM4AACGkQq5BcVjKaJzwQpAD/UfTcReU55HdN/5tI/0Fr6Kku
0ZbDaulknl6JnRmdK4kA/1YU7L50NXukqvMxsaGhde7X0XYDptq/FZN2J1xKTsqN
=MqAu
-----END PGP PUBLIC KEY BLOCK-----
```

3.139. John Hay <jhay@FreeBSD.org >

```
pub 2048R/A9275B93 2000-05-10 John Hay <jhay@icomtek.csir.co.za>
Key fingerprint = E7 95 F4 B9 D4 A7 49 6A 83 B9 77 49 28 9E 0
37 70
uid John Hay <jhay@mikom.csir.co.za>
uid Thawte Freemail Member <jhay@mikom.
csir.co.za>
uid John Hay <jhay@csir.co.za>
uid John Hay <jhay@FreeBSD.ORG>
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

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mQENAZkZeP4AAAEIAMKg3LRpUCJdg9V9Pr0KIdvaQeItf5Fcrbh0GE4skfNPKeTg
TQifwdG/GrMPYJBPHU8JnFqumLund2VSoFEJ/6W5S0ZP2l5ZCq496pGCsekpe+kR
dN3Ra+GoR+cWVLKuXj+IxAOZiv2WEL027TnMhWgf/DHLdoWvSwJdVrGnk0KjBJGr
HwWE6VGlhBSOoWma9T0tb3sRVTEIJXDcn8f12eixx8XCzwIQJSgWC+Thry+Z0/hz
FRR5yl+izJfffQilJc4yY0rXqDu9K3i+/0lWywcbnqMtRj8Pnr3j3Lzft+xex2ml
qX68fE6dxof6Tc3GQCEqelj0IOAb8Zqy2qknW5MABRG0IkpvaG4gSGF5IDxqagF5
QGLjb210ZwSuY3Npci5jby56YT6JARUDBRA8TDj/8Zqy2qknW5MBAeMwB/9R+Nvd
bPPkvl14Qaw9I1FwM3iaMDM4IkqR6r+Gsi+RYICLYmRBU1HXZkZyNR/Ysy0thnIe
Y02yg7U2nYJ00ysZL1Hd7R9EQBuYZk647PMKbQ+p04k9Ki010bT9JivWz6u6R3L
gJMnCUEi6s+xw88eeTDB0/AKE9eUUBDZ765M3WcVmGfDYnpW/D3tX7taGcFT80DG
VXKnFHAP2Um8IzEHXGqH/jTTNCqWz7oj3GfVzzGEnmwI+goZScQWU15J708Mn0f
uxiu0Mbs7SLsvg1d7iEk01oCDClv72i2Sr4rPuybIPMMPipx/DpAZAiMYHJ6PdK
nMXSYgk0G0jx72pttCBKb2huIEhheSA8amhheUBtaWtVbS5jc2lyLmNvLnphPokB
FQMFEKZeP7xmrLaqSdbkwEBzGMIAJLwFCCICbR+kqejjFh2BznI0T69PIfE422e
C2yD23fC/lqZ6LixxGrSzk5TxRycWw7fq06h77kd/RX8UMFERphMTkIapt+wLlLoX
qGLcY1dVyNhW34SutdHzXkMFo6T8COautpnAMhrSh4dBw6XQUreVqc1BsyXL4vT
LyI1/E8E3wELZJHldwQ7ldvXPU0aoJp5PJ0FIV3Nvme9gU00BrZT/NjH06mYgSKW
+40ZjeRycvA9Yjh+ONA0dX5ijn7QbixjSefHsmdpx+KdNyZbp6iAIurf7ysEp2Qm
N6K/3EukEnVvy7Nn1L8+7K4IDkK+TocpG/m/P67w1Alrw0tNAME0LlRoYXd0ZSBG
cmVlbWVpbnCBNzW1iZlIgpGpoYXlAbwLrb20uY3Npci5jby56YT6JAJUDBRA5HN4y
wnPlMNSG9U8BAQVeA/0V4alPthF5+FVL7GJ14R7IQee3NkepbcCQRwfdl11DjKyn
DxyISqzQd/ur1v5gzi0MppQ35rekRYxqqmckSg8oZtcQ8WffrMPOYDdn8uTXmwX4
OgLuW2EnJc0y1JiKuew1tHRQuo0bZt09yePRKkq+cPglN+yrrjPjGAJ1AUl56bQa
```

```
Sm9obiBIYXkgPGpoYXLAY3Npci5jby56YT6JARUDBRA5H0fE8Zqy2qknW5MBAXAc
B/9QuIZEQJDfYJyv5Ztu9mtEUZoFfavYmLnLvUz0rwZ0zv8/krEQtkdVvkWYwQc
JSal11h7L1EyY1YzrTnANKq4KUboeiR3X6RZ+z0p1pg5C0imWfMpqny3croHkQy
0zU/d/kDd9mU3xismVbDa9xSJHbFh5KDpvnbeRxx5VIXcdiJ+RbM9VNqsMmZwCBS
DgY/pyRuyiMM91L9I fWl0UwLLAEHwedQg+ja4/M1gyiGKr7rmiE5LH9xbInvRR2F
rQKDtmU49MS7ybHoL fZ9GXKo8iTNOuXE70G0x8kIuapiNwKm2wayng8utIxGaco0
hp8D0uj3dgtFUZ3pcMSxtjWEtBtKb2huIEhheSA8amhheUBGcmVLQ1NELk9SRz6J
ARUDBRA5H0gL8Zqy2qknW5MBATYEB/90qkiF+JTQZMN2wwLLkXiadUdluHK8Um7q
f19t1pI2Is0BNxtBwVY10lrkpfkSkpSUHEmVKUVHjshVV+r+EdJ4dTcsT6c5cCJ
i7avfz8duVbvm09yDLytnBGr3te7tkmalwk3JkjXJhiMuUW9w9woCuVWRexLABDm
Md8JjvyLqIe6bNkIcE9GvHhQQUYegYqVhDqzKH+cme1oLSYDDjt458yMYo6UXu+x
g7gESluIgGpK5hKI/MAw3r/Xg0LiBa9igg816jrTFiXl0ZT6dgDKLzxnS7J/0/EM
G0mNi8N03Qx819oKLUaMHAFpNeUfdT74bqVYbDo/GJptzaQtUiMv
=l5Xu
-----END PGP PUBLIC KEY BLOCK-----
```

3.140. Sheldon Hearn <sheldonh@FreeBSD.org >

```
pub 1024D/74A06ACD 2002-06-20 Sheldon Hearn <sheldonh@starjuice.net>
Key fingerprint = 01A3 EF91 9C5A 3633 4E01 8085 A462 57F1 7
74A0 6ACD
sub 1536g/C42F8AC8 2002-06-20
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

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mQGibD0R0hQRBACPEDZc2XKdvIq9F4ofeq/EUB8ISFQ6kaVPcb5ingy5ND+0MUbz
K9U+q6Ik8d67KfHHVqGn7XT0XxGu2WS6rIa4ELFhtG/9lpgYt0FRZJxM8nv5+zCn
elu18skUNuply3uIwvhnUY30PSzVkhC+tUPWfW/8DqdJzud/l8sDFDRtBwCgtixB
FHJ2jRXInApVzwLcjpgVJq8D/ixzt00/Zg2p62/qyAHac7M1sEc2QarCAGwRbuNw
jHRtgLxQw/GT2NACwqy7LVHKd37ciCrXg9QrTjotJtMcoJbCitYvbQo2RHfEeIyN
yw7rffTQ4CpB51KxNhUWhcUfe6Jhx2hgHzehJg7hYnbtSv5hJcn2DXMShHyHwBri
hpldBACI7iJxL2MtFUHBo3XW27WYDzTNT2LUaMcIaowMW/+vIDDs6EI71dCAjuU
Ai8DcNacMtE0xRdtNzDMS8vgYWBVLkHv2ENVdLfpXhM72iu4tmPKGF5AXK191dvJ
qPge41Z2/57191Xt+keYtuSQDtXwZfSu1uLOHBa0BBvmpPB0trQmU2h1bGRvbiBI
ZWfYbiA8c2h1bGRvbmhAc3RhcmlaWNLLm5ldD6IVwQTEQIAFwUCPRHSFAULBwoD
BAMVAwIDFgIBAheAAoJEKRiV/F0oGrNMRsAnAlWdC5LkMEF3hZjNAIA8gMxkfnZ
AJ4k6LXdMhMSSPbd48MbDYq67yz0G7kBJQ09EdIrEAYAib54xuFqjHpvLxXmqFRL
qAgAD5XpavuJisGjfm7aTVWIpr/00VFYkw59YInHM7dDHL0Y7tQETeEKf9pj6kF
TMYwFoBjtdazqSmq2YX0vI00N27IKT9eqxJ/qR8QgIqBMNkraP9QKi60ASDIRutl
OZSfokSbAKKZMTyS086Cgw0bCPXRCvQLHDjga3KCbht0AjrZfKgmI6r4+rXFnt6
D3JRNSQ0Hj2qFEixHtZvXTsqgsEk0Etoe5taMFSygm0jAAMFBf97Ip2a/kPkXnt0
p+2xmWIFEDim7J9CwL5viTb1t8f0Kx69hFDQ2BwPNDZd1HvLrYTPuJ23uTrD0Zsw
IT/wVc/IQ9nn4+mx0mq9iTHCBS990Xz4IsODT3W1sgzUfl+mdqJP8xfEnsyqy6G
iv0oR3QdZg7rxv0U98HhDQ1iJX3rCtLNFgisrovDF33oHME4oHvSMXeg65JXWiU
EpEpioINjra3P+TL+fMv1tb4+wSUPqTWX34Gx4UfDKnMedxL6j2IRgQYEQIABgUC
PRHSKwAKCRCKYlfxdkBqzVtaAJ42mqzwmJCpk8fdfsKHUt5uGTN8sgCfdmDni10D
NWQilmhQOXZX9oGgyso=
=PTeT
-----END PGP PUBLIC KEY BLOCK-----
```

3.141. Mike Heffner <mikeh@FreeBSD.org >

```
pub 1024D/CDECBF99 2001-02-02 Michael Heffner ✎
<mheffner@novacoxmail.com>
    Key fingerprint = AFAB CCEB 68C7 573F 5110  9285 1689 1942 ✎
CDEC BF99
uid                               Michael Heffner <mheffner@vt.edu>
uid                               Michael Heffner <mikeh@FreeBSD.org>
uid                               Michael Heffner <spock@techfour.net>
uid                               Michael Heffner (ACM sysadmin) ✎
<mheffner@acm.vt.edu>
sub 1024g/3FE83FB5 2001-02-02
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

```
mQGIBDp6LPyRBACHINF1K2LJiWCFAGy36X+NFDvbgRe9U7BKy2Q8ZPouM0i/GIwW
iocDyVwRnK8tC3D1BM3THs3cFW0aPsS0TGngZE8rTs8lm53UwiiUApTUztjH3odp
OynMb/Dj3k8S0Wkq5mYYzl+38jsz067tRDlij4s4I3EjwcBQJOhnUUWV0wCgpDBc
wAx9TBVCSY9H5YlTcrJbn0ED/iwQH58xpFLxQ01FDYlUCZgZaASm0lufft13HuCrM
Zj2oDgJZ0cuP2AshoJXnKavDjwBIvgf/p6cPZ9C50sF8WI+v/LHN/EUQqoXXNzD5
ZujgMh1w35nMvl7fSJRDaie9HggNux+0DtWimmR0piicDXb849asCrUUEcpU0V3G
wYaxA/960Wzf/TCr6CZABFBCLq2VwX3Run3ttBiX0VI69gEDj95mfeDUxPQH4JNt
/hI1B61Ab3/yDwmjzrW7Kb2i9URK40Kw/95Yjoc2g0t/CFrmFi82UwMsmUp4mIqJ
eUrQ202IY2zCqCEtHcTbUdXrP1eFkGmi77s+Kzzzkn063+efXbQhTWljagFlcBI
ZWZmbmVyIDxtaGvmZm5lckB2dC5LZHU+iFcEEExECABcFAjP6LpYfCwcKAwQDFQMC
AxYCAQIXgAAKCRAWiRlCzey/mTswAJ9uujs3rA/mJcR8TH33q6SRhZSeFgCePzaT
l0AkDv2LVm0F+V5CBex2gkqIRgQQEQIABgUC0s49wgAKCRDCpSwr0i8VsUrfAKDi
Cffo5C6Ei5xHtWRA0DpHChOo0gCgqwDeqC4zLU/LB/jKYdGX37VPMQ00I01pY2hh
ZWwgSGVmZm5lciA8bWlrZWhARnJlZUJTRC5vcmc+iFcEEExECABcFAjP/gWcFwcK
AwQDFQMCaxYCAQIXgAAKCRAWiRlCzey/mRbDAJ9BS5FwB+Dj4IHlRYsr6IHXCxet
LQCgmpN9GwBWNxzBlBaqEw108anp5xiIRgQQEQIABgUC0s491gAKCRDCpSwr0i8V
sfQXAKDw4IsDEKGr1rYp04IIZPML2hVLJQCcCRUr0Mfce6AXKUYBfjAlZmddN0u0
JE1pY2hhZWwgSGVmZm5lciA8c3BvY2tAdGVjaGZvdXIubmV0PohXBBMRAGAXBQI6
f4GRBQsHCgMEAxUDAgMWAgECF4AACgkQFokZQs3sv5mRMwCffitElKCHTC+tF8hQ
R9Tdb87+PH4An3jlIX+TAD/u6CjyAZ9fR8nEXeVUtDRNaWNoYVwVsIEhlZmZuZXIg
KEFDTSBzeXNhZG1pbikgPG1oZWZmbmVyQGfjb552dC5LZHU+iFcEEExECABcFAjRf
NgQFCwcKAwQDFQMCaxYCAQIXgAAKCRAWiRlCzey/mTbAAJSEi0jmXPBxqyrpS0QF
lrJtDENffQCgmWgC/5AezMfJwtu+s001BNw7oRmIRgQQEQIABgUC0s493QAKCRDC
pSwr0i8VsWB7AKCZe9euDml2vgJAaaPt34ptUL4UHACg4SZK21iSMMLw+cI6L8iw
gGvDcPe0Kk1pY2hhZWwgSGVmZm5lciA8bWlrZmZuZXJAbm92YWNveG1haWwY29t
PohXBBMRAGAXBQI7RpsRBQsHCgMEAxUDAgMWAgECF4AACgkQFokZQs3sv5m0ogCf
RV9e/JYy1ixgKCVoqzaIQ3j2MBQAOJwV25V4gpucQxysqRrWTB65Ja+uQENBDp6
LqIQBACFc0+vvM6/ItdzUhX3vIihIKENou4FchXwc/u7uchsls589+PwaYWXqtPH
E9YSjYXo9y87S16ci0agBL6rJZ8oNkc/ylRmx42iStdAdEKcgK355kmXiWgaAm/W
CT5YIETAY+d9TrBDD+c+ofB8vhekxAlr30FAnX6VmUJFi5xfwADBwP+LiUDpsML
kdJj0Y8PmbB3Gxle3X9w+6hBkoP8Z0q5dzG3Y3mGYpgLd4YtftKEKUm68BDJgcvf
41B2Y6Ptp7mSRAufbymIRihNKH78fleaziWsux2CYJGZvsJzuYrlzgwuTzclQKL6
MfRXZHPyt+1SwQeV6PEI0DBZLHg9a0Ak5sqIRgQQEQIABgUC0nouogAKCRAWiRlC
zey/mfYtAKCVze8DK+0HP1fTQyDaj07o9RTIVACeIwhXBErN8cH0BSg/8Qn5sZo
```

```
208=  
=/joR  
-----END PGP PUBLIC KEY BLOCK-----
```

3.142. Martin Heinen <mheinen@FreeBSD.org >

```
pub 1024D/116C5C85 2002-06-17 Martin Heinen <mheinen@freebsd.org>  
Key fingerprint = C898 3FCD EEA0 17ED BEA9 564D E5A6 AFF2 5  
116C 5C85  
uid Martin Heinen <martin@sumuk.de>  
sub 1024g/EA67506B 2002-06-17
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQGIBD0NjbIRBACZTF4rK66+y43uXsV8CHSefx5lRHaLPFMNga+sUBRIFcWu9WbS  
KSP/r60Gf/mNK4EUX3/+3gVljrgpAbQL9X9MV/S050aZM8JMrUkUWjuzzzFKplT7  
bdB2ZWhexWemFsE0F1G5NpxkqMg/E0aiZb5P9MVJyGLLF1hCwhWsNG00ewCgzQ/b  
yAEMk03PPk3D0aM4d/Vdf38D/j40+TJPSjMf58wRGkrT+BmLcVfvg10sU0MgyQPC  
Y07y06WmSiZV5ynqb4b5S5m3jfQmG1I2wK+dIf8SHyaVgqZiUpfqrsvFV2qwfZXcod  
C8a8b/kmEbdMk1j+jZ8qxSscrKCHKqdEs1UihCt/F1kVVd8gqYbWouICxF4GoU4Z  
ANmHA/4xVNIInKvghFk9lMaK9lDgQs02laaTWLWzcSfe28ADds3Jdur00x06tgeU  
zdkTQvRYpIjqiqCCFLN18l6Lc5qyTg6fnx2yWpWJMb/xumUz7A79X0TBN8WG71n  
zFJLHtn7fCjsi5009s7Ahu//Q7pGN8FvkrZH3xNw+3pAaoawrQfTWfYdGluIEhl  
aw5lbiA8bwFydGluQHN1bXvRlMrlPohZBBMRAGAZBQI9DY2yBAsHAWIDFQIDAyC  
AQIeAQIXgAAKCRDlpq/yEwXchZjRAJ4s0v1VXJmkm7kj3kMM0Z8xMNOJaACgkcMu  
T1ID/2v+A1X7+suOzrWMr5aIRgQTEQIABgUCPZGohAAKCRcteU9X9uLnUzW3AJ9T  
0Hzs6ZZq3HAYuSVkLReaZEhyGQCfb7goCt5RLbxx+3AMyyX5uh1boQmIRgQTEQIA  
BgUCPZGlrAAKCRD5Ay7lt7i0eYdWAKDEeKmbkRTSZKsKelQwiD+T3me3tQCfVMLi  
9mkj0lOAXpAOVX3Igy5QHUS0I0lhcNrpbiBIZWluZW4gPG1oZWluZW5AZnJlZWJz  
ZC5vcmc+iFwEEXECABwFAj/Q6/UCGwMECwcDAGMVAgMDFgIBAh4BAheAAoJEOwM  
r/IRbFyFjSMAnik+uu6ts+tLchT7+npgPJ0wmyCXAKCmCmXrSUTnPG5DwiVD66h6  
aL2GHbkBDQ9DY20EAQAh4G77oKy6pQB1+dhbbLsf3UerWw7i/w21Y1tSriZ5gm  
HhofJRuczvrhI9V23wRV0Ks417TGJzytDIfp/huycYmigaQXikmFBJSqIC2ktJEi  
0DGhne4XBdJENiHV8rb3/mk+Ffes/88DmoU45fpAwY1YN1jH8W05mEq2aKcJHcA  
AwUD/jBsaAoUeN000hWuZuWYNM4nvX57npt0bVzP54/TfKs4GmdWzcfI2JB+5eFp  
rjtnCK+tosTQd73VzMWKk0fwiIew+GsB+g/ibK/WJW0lS6fktW2nPG2mGRblLtf4  
8W4ZmtZUqFTBSbmZ0csxQ/LahRosX82NbQyFPwuFMebqYho5iEYEGBECAAYFAj0N  
jbQACgkQ5aaV8hFsXIU0ogCeLnzxBftyPv5iS52Ear+q/mPZL7oAniB0B6mFARQV  
gtLJNL6KejWqSh3V  
=Z84i
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

3.143. Niels Heinen <niels@FreeBSD.org >

```
pub 1024D/5FE39B80 2004-12-06 Niels Heinen <niels.heinen@ubizen.com>  
Key fingerprint = 75D8 4100 CF5B 3280 543F 930C 613E 71AA 5  
5FE3 9B80  
uid Niels Heinen <niels@defaced.be>  
uid Niels Heinen <niels@heinen.ws>  
uid Niels Heinen <niels@FreeBSD.org>
```

```
sub 2048g/057F4DA7 2004-12-06
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQGibEG0KfCRBACgVf+tcJtDzCAHLta1UxwLT5ucTeSfsNyhFYRdoz+IBtJ7bE+
8ydX/y8ZG9Rbb6SCP176Cq/sHj5hDlxp62k/7cs0cLvjqPC5dbZG8hgxyrgXLE4
b76zjI5KL0yCDRyqh+DEB04uuopZ7ACoJMRhCWyfgqJomlGy0Mr/BzfffwGghsiF
7Ts0UyQcV0vlxSXBf5bZ5I0D+gIVZsJLsS8IXUIZiK3dRFvHm4aWrcxwLGKsfJ4J
wGv0MR5laNHXINUYaoEBdiUaCWw6J5lesluX7/g9+X8t9mvfMmDrVlrJKoc8zlhM
o29TB4oL5mM7jHjy0Dw8q/nlilydWQgu8a3v7giuoYaOKX4N58qWDDGBbd1j0kol
bnqIA/9+kVIr92q211LsR3GJTFMMs/f6nbDwiyZdpzxE7b2Xu5d175wjX1wqJT9C
pgS+8p8+Puj+KyVJCGQTW3lCba7W54b0xfBj62rheh/xVBwfDwdus3XH3WEH9KRm
pLXRRowTqliAzl3CEu+iFqJKqUQ5AYe0PhhcT1Tbf6PHp7iQdTrQmTmlbHMgSGVp
bmVuIDxuaWVscy5oZWLuZw5AdWJpemVuLmNvbT6IYQQTEQIAIqIbAwYLCQgHAWID
FQIDAxYCAQIEAQIXgAUCQbQ42AIZAQAQACRBhPnGqX+0bgGqSAJ4/ld+x0v6/64Up
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-----END PGP PUBLIC KEY BLOCK-----
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3.144. Jaakko Heinonen <jh@FreeBSD.org >

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pub 1024D/53CCB781 2009-10-01 [expires: 2014-09-30]
Key fingerprint = 3AED A2B6 B63D D771 1AFD 25FA DFDF 5B89 53CC B781
uid Jaakko Heinonen (FreeBSD) <jh@FreeBSD.org>
sub 4096g/BB97397E 2009-10-01 [expires: 2014-09-30]
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-----END PGP PUBLIC KEY BLOCK-----
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3.145. Jason Helfman <jgh@FreeBSD.org >

```
pub 2048R/4150D3DC 2011-12-18 [expires: 2021-12-15]
Key fingerprint = 8E0D C457 9A0F C91C 23F3 0454 2059 9A63 4150 D3DC
uid Jason Helfman <jgh@FreeBSD.org>
sub 2048R/695B1B92 2011-12-18 [expires: 2021-12-15]
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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=hr4n
-----END PGP PUBLIC KEY BLOCK-----
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3.146. Guy Helmer <guelmer@FreeBSD.org>

```
pub 2048R/8F1CEBC4 2012-05-22
    Key fingerprint = 483E 9E6C C644 2520 C9FE 4E87 9989 CCAF 8F1C
8F1C EBC4
uid                               Guy Helmer <guy.helmer@palisadesystems.com>
uid                               Guy Helmer <guy.helmer@gmail.com>
uid                               Guy Helmer <guelmer@freebsd.org>
sub 2048R/2073E3F8 2012-05-22

pub 1024R/35F4ED2D 1997-01-26 Guy G. Helmer <guelmer@freebsd.org>
    Key fingerprint = A2 59 4B 92 02 5B 9E B1 B9 4E 2E 03 29 D5 8C
DC 3A
uid                               Guy G. Helmer <guelmer@cs.iastate.edu>
uid                               Guy G. Helmer <guelmer@palisadesys.com>
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Comment: GPGTools - http://gpgtools.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.147. Maxime Henrion <mux@FreeBSD.org >

```
pub 1024D/881D4806 2003-01-09 Maxime Henrion <mux@FreeBSD.org>
Key fingerprint = 81F1 BE2D 12F1 184A 77E4 ACD0 5563 7614 0
881D 4806
sub 2048g/D0B510C0 2003-01-09
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.1 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
```

3.148. Wen Heping <wen@FreeBSD.org >

```
pub 2048R/A03F07DA 2012-12-10
Key fingerprint = 0258 F2C7 C123 E627 9E14 B4BA 270F 30AA 5
A03F 07DA
uid Wen Heping (wen) <wen@FreeBSD.org>
sub 2048R/CFC8D6A9 2012-12-10
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3.149. Dennis Herrmann <dh@FreeBSD.org >

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pub 4096R/F7CDCAA1 2012-08-26
Key fingerprint = 0587 E730 68A6 2646 A991 505D CD9B 3A87 0
F7CD CAA1
uid Dennis 'dhn' Herrmann (Everybody wants to go to
to heaven, but nobody wants to die) <dh@FreeBSD.org>
sub 4096R/0A6D554F 2012-08-26
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-----END PGP PUBLIC KEY BLOCK-----

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3.150. Justin Hibbits <jhibbits@FreeBSD.org >

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pub      2048R/37BE2DB9 2011-12-01
         Key fingerprint = 8A12 7064 4F3D 339A 191D  AD52 30C7 858E  37BE 2DB9
uid      Justin Hibbits <chmeedalf@gmail.com>
uid      Justin Hibbits <jhibbits@freebsd.org>
uid      Justin Hibbits <jrh29@alumni.cwru.edu>
sub      2048R/A8DA156F 2011-12-01

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3.151. Peter Holm <pho@FreeBSD.org >

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pub 1024D/CF244E81 2008-11-17
Key fingerprint = BE9B 32D8 89F1 F285 00E4 E4C5 EF3F B4B5  4
CF24 4E81
uid Peter Holm <pho@FreeBSD.org>
sub 2048g/E20A409F 2008-11-17
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3.152. Michael L. Hostbaek <mich@FreeBSD.org >

```
pub 1024D/0F55F6BE 2001-08-07 Michael L. Hostbaek ☞
<mich@freebsdcluster.org>
  Key fingerprint = 4D62 9396 B19F 38D3 5C99 1663 7B0A 5212 ☞
0F55 F6BE
uid Michael L. Hostbaek ☞
<mich@freebsdcluster.dk>
uid Michael L. Hostbaek <mich@icommerce-
france.com>
uid Micahel L. Hostbaek <mich@freebsd.dk>
uid Michael L. Hostbaek <mich@the-lab.org>
uid Michael L. Hostbaek <mich@freebsd.org>
sub 1024g/8BE4E30F 2001-08-07
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3.153. Po-Chuan Hsieh <sunpoet@FreeBSD.org >

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3.154. Li-Wen Hsu <lwhsu@FreeBSD.org >

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pub 1024D/2897B228 2005-01-16
Key fingerprint = B6F7 170A 6DC6 5D1A BD4B D86A 416B 0E39 2897 B228
uid Li-wen Hsu <lwhsu@lwhsu.org>
uid Li-wen Hsu <lwhsu@lwhsu.ckefgisc.org>
uid Li-wen Hsu <lwhsu@lwhsu.csie.net>
uid Li-wen Hsu <lwhsu@ckefgisc.org>
uid Li-wen Hsu <lwhsu@csie.nctu.edu.tw>
uid Li-wen Hsu <lwhsu@ccca.nctu.edu.tw>
uid Li-wen Hsu <lwhsu@iis.sinica.edu.tw>
uid Li-wen Hsu <lwhsu@cs.nctu.edu.tw>
uid Li-Wen Hsu <lwhsu@FreeBSD.org>
sub 2048g/16F82238 2005-01-16
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3.155. Howard F. Hu <foxfair@FreeBSD.org >

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pub 1024D/4E9BCA59 2003-09-01 Foxfair Hu <foxfair@FreeBSD.org>
    Key fingerprint = 280C A846 CA1B CAC9 DDCF F4CB D553 4BD5 7
4E9B CA59
uid                               Foxfair Hu <foxfair@drago.fomokka.net>
uid                               Howard Hu <howardhu@yahoo-inc.com>
sub 1024g/3356D8C1 2003-09-01
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-----END PGP PUBLIC KEY BLOCK-----
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3.156. Chin-San Huang <chinsan@FreeBSD.org >

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pub 1024D/350EECFa 2006-10-04
    Key fingerprint = 1C4D 0C9E 0E68 DB74 0688 CE43 D2A5 3F82 7
350E ECFA
uid                               Chin-San Huang (lab) <chinsan@chinsan2.twbbs.org>
uid                               Chin-San Huang (FreeBSD committer) <
<chinsan@FreeBSD.org>
uid                               Chin-San Huang (Gmail) <chinsan.tw@gmail.com>
sub 2048g/35F75A30 2006-10-04
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-----END PGP PUBLIC KEY BLOCK-----

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3.157. Stephen Hurd <shurd@FreeBSD.org>

```

pub 2048R/B3B5A1B498CE5CD0 2014-06-11 [expires: 2017-06-10]
    Key fingerprint = CA52 12EE 760A BCAA 0D5E 2974 B3B5 A1B4 98CE 5CD0
uid                               Stephen Hurd <shurd@FreeBSD.org>
sub 2048R/DA5C47503253C094 2014-06-11 [expires: 2017-06-10]

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-----END PGP PUBLIC KEY BLOCK-----
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3.158. Davide Italiano <davide@FreeBSD.org >

```
pub 2048R/4CB47484 2012-01-17
Key fingerprint = B5C9 77F5 1E67 D110 8D19 7587 EB95 EA82 4CB4 7484
uid Davide Italiano <davide@FreeBSD.org>
sub 2048R/91F7443D 2012-01-17
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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3.159. Jordan K. Hubbard <jkh@FreeBSD.org >

```
pub 1024R/8E542D5D 1996-04-04 Jordan K. Hubbard <jkh@FreeBSD.org>
Key fingerprint = 3C F2 27 7E 4A 6C 09 0A 4B C9 47 CD 4F 4D 0B 20
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----
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3.160. Konrad Jankowski <versus@FreeBSD.org >

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pub 1024D/A01C218A 2008-10-28
    Key fingerprint = A805 21DC 859F E941 D2EA 9986 2264 8E5D 0
A01C 218A
uid Konrad Jankowski <versus@freebsd.org>
sub 2048g/56AE1959 2008-10-28
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3.161. Kurt Jaeger <pi@FreeBSD.org >

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pub 4096R/2A4392E050E8798D 2014-04-24 [expires: 2016-04-23]
    Key fingerprint = FD38 1F8F 1360 2A49 26D4 4CF3 2A43 92E0 0
50E8 798D
uid Kurt Jaeger <pi@FreeBSD.org>
sub 4096R/2FC3A793B283D724 2014-04-24 [expires: 2016-04-23]
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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3.162. Weongyo Jeong <weongyo@FreeBSD.org >

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pub 1024D/22354D7A 2007-12-28
    Key fingerprint = 138E 7115 A86F AA40 B509 5883 B387 DCE9  2235 4D7A
uid                               Weongyo Jeong <weongyo.jeong@gmail.com>
uid                               Weongyo Jeong <weongyo@freebsd.org>
sub 2048g/9AE6DAEE 2007-12-28
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3.163. Peter Jeremy <peterj@FreeBSD.org >

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uid                               Peter Jeremy <peterjeremy@acm.org>
uid                               [jpeg image of size 4413]
uid                               Peter Jeremy <peter.jeremy@auug.org.au>
uid                               Peter Jeremy <peterjeremy@optusnet.com.au>
uid                               Peter Jeremy (preferred) <peter@rulingia.com>
uid                               Peter Jeremy <peterj@freebsd.org>
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sub 2048g/7E0B423B 2005-10-20

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-----END PGP PUBLIC KEY BLOCK-----
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3.164. Tatuya JINMEI <jinmei@FreeBSD.org >

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pub 1024D/ABA82228 2002-08-15
Key fingerprint = BB70 3050 EE39 BE00 48BB A5F3 5892 F203
ABA8 2228
uid JINMEI Tatuya <jinmei@FreeBSD.org>
uid JINMEI Tatuya <jinmei@jinmei.org>
uid JINMEI Tatuya (the KAME project) <jinmei@isl.
rdc.toshiba.co.jp>
sub 1024g/8B43CF66 2002-08-15
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3.165. Michael Johnson <ahze@FreeBSD.org >

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pub 1024D/3C046FD6 2004-10-29 Michael Johnson (FreeBSD key) ̣
<ahze@FreeBSD.org>
    Key fingerprint = 363C 6ABA ED24 C23B 5F0C 3AB4 9F8B AA7D ̣
3C04 6FD6
uid                               Michael Johnson (pgp key) <ahze@ahze.̣
net>
sub 2048g/FA334AE3 2004-10-29
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3.166. Mark Johnston <markj@FreeBSD.org >

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pub 2048R/80A62628 2012-12-19
    Key fingerprint = AFEF AD33 1C4E FFE5 141E 0157 05A4 DA8B 80A6 2628
uid                               Mark Johnston <markj@freebsd.org>
sub 2048R/47C7D3C2 2012-12-19
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-----END PGP PUBLIC KEY BLOCK-----

```

3.167. Trevor Johnson <trevor@FreeBSD.org >

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pub 1024D/3A3EA137 2000-04-20 Trevor Johnson <trevor@jppj.net>
    Key fingerprint = 7ED1 5A92 76C1 FFCB E5E3 A998 F037 5A0B 3A3E A137
sub 1024g/46C24F1E 2000-04-20

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.168. Allan Jude <allanjude@FreeBSD.org >

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pub 4096R/9AC116935125929F 2012-06-06
    Key fingerprint = ADFD C765 6938 A4C4 8663 A5B7 9AC1 1693 5125 929F
uid [ScaleEngine] Allan Jude (Allan Jude - 7065213 Canada Limited) <allan.jude@scaleengine.com>
uid [Near Source IT] Allan Jude (Vice President - 7065213 Canada Limited) <allan.jude@nearsourceit.com>
uid Allan Jude <freebsd@allanjude.com>

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uid              Allan Jude (FreeBSD)   
<allanjude@freebsd.org>  
sub 4096R/374364F98C697BF2 2012-06-06
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3.169. Tom Judge <tj@FreeBSD.org >

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pub 2048R/81E22216 2012-05-27 [expires: 2017-05-26]
Key fingerprint = 8EF8 36C8 44A6 9576 6ADB EB0E 4252 33DC 81E2 2216
uid Tom Judge <tom@tomjudge.com>
uid Tom Judge <tjudge@sourcefire.com>
uid Tom Judge <tj@freebsd.org>
sub 2048R/2CA4AA0D 2012-05-27 [expires: 2017-05-26]
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3.170. Alexander Kabaev <kan@FreeBSD.org>

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pub 1024D/C9BE5D96 2002-07-01
Key fingerprint = 7474 A847 DBF5 50A5 FC3E F223 43AC F58C 5
C9BE 5D96
uid Alexander Kabaev <kabaev@gmail.com>
uid Alexander Kabaev (FreeBSD committer account
ID) <kan@FreeBSD.ORG>
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sub 1024g/534D9E06 2002-07-01

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3.171. Benjamin Kaduk <bjk@FreeBSD.org >

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Key fingerprint = D961 95E0 4D80 45FF 4160 FD17 28D9 A6F3 64EB 7512
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uid Benjamin Kaduk <kaduk@mit.edu>
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3.172. Poul-Henning Kamp <phk@FreeBSD.org >

OpenPGP Keys

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3.173. Sergey Kandaurov <pluknet@FreeBSD.org >

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pub 2048R/10607419 2010-10-04
    Key fingerprint = 020B EC25 7E1F 8BC5 C42C 513B 3F4E 97BA 0
1060 7419
uid Sergey Kandaurov (freebsd) <pluknet@freebsd.org>
uid Sergey Kandaurov <pluknet@gmail.com>
sub 2048R/5711F73B 2010-10-04
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3.174. Coleman Kane <cokane@FreeBSD.org >

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pub 1024D/C5DAB797 2007-07-22
Key fingerprint = FC09 F326 4318 E714 DE45 6CB0 70C4 B141 5
C5DA B797
uid Coleman Kane (Personal PGP Key) <cokane@cokane.o
org>
uid Coleman Kane (Personal PGP Key) 5
<cokane@FreeBSD.org>
sub 2048g/5C680129 2007-07-22
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3.175. Takenori KATO <kato@FreeBSD.org >

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pub 4096R/3CF9ACE7 2012-10-02  
Key fingerprint = 5B72 AEF9 B2F9 069D 54FE CF60 444F 91C8 3CF9 ACE7  
uid KATO Takenori <kato@FreeBSD.org>  
uid KATO Takenori <kato@nendai.nagoya-u.ac.jp>  
sub 4096R/1C593356 2012-10-02
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3.176. Josef Karthauer <joe@FreeBSD.org >

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uid Josef Karthauer <joe@tao.org.uk>
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uid [revoked] Josef Karthauer 0
<josef@bsdi.com>
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Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----
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3.177. Vinod Kashyap <vkashyap@FreeBSD.org >

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pub 1024R/04FCDD3 2004-02-19 Vinod Kashyap (gnupg key) ☞
<vkashyap@freebsd.org>
Key fingerprint = 9B83 0B55 604F E491 B7D2 759D DF92 DAA0 ☞
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3.178. Patrick Kelsey <pkelsey@FreeBSD.org>

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    Key fingerprint = 4082 2A15 231C 09EC D86E 63C2 044A DF50 0A4B 194E
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3.179. Kris Kennaway <kris@FreeBSD.org >

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pub 1024D/68E840A5 2000-01-14 Kris Kennaway <kris@citusc.usc.edu>
Key fingerprint = E65D 0E7D 7E16 B212 1BD6 39EE 5ABC B405 68E8 40A5
uid Kris Kennaway <kris@FreeBSD.org>
uid Kris Kennaway <kris@obsecurity.org>
sub 2048g/03A41C45 2000-01-14 [expires: 2006-01-14]
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.180. Giorgos Keramidas <keramida@FreeBSD.org>

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pub 1024D/318603B6 2001-09-21
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=PK2k
-----END PGP PUBLIC KEY BLOCK-----
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3.181. Max Khon <fjoe@FreeBSD.org >

```
pub 1024D/6B87E212 2009-02-17
    Key fingerprint = 124D EC6C 6365 D41A 497A 9C3E FCF3 8708 6B87 E212
uid Max Khon <fjoe@FreeBSD.org>
uid Max Khon <fjoe@samodelkin.net>
sub 2048g/CB71491D 2009-02-17
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-----END PGP PUBLIC KEY BLOCK-----
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3.183. Jung-uk Kim <jkim@FreeBSD.org>

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pub 2048R/FCDBF146 2013-09-24 [expires: 2023-12-31]
    Key fingerprint = 9756 EA80 A691 CAA7 D65E EFC2 7C9F 9626 ǵ
FCDB F146
uid Jung-uk Kim <jkim@FreeBSD.org>
sub 2048R/501598FB 2013-09-24 [expires: 2023-12-31]
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=apmV
-----END PGP PUBLIC KEY BLOCK-----
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3.184. Zack Kirsch <zack@FreeBSD.org>

```
pub 1024D/1A725562 2010-11-05 Zack Kirsch <zack@freebsd.org>
    Key fingerprint = A8CC AA5E FB47 A386 E757 A2B8 BDD2 0684 ǵ
1A72 5562
sub 1024g/6BFE2C06 2010-11-05
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-----END PGP PUBLIC KEY BLOCK-----
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3.185. Jakub Klama <jceel@FreeBSD.org >

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pub 2048R/2AAEA67D 2011-09-27
Key fingerprint = 40D6 097A 174F 511B 80EB F3A3 0946 4193 ǫ
2AAE A67D
uid Jakub Klama <jceel@FreeBSD.org>
sub 2048R/5291BC4D 2011-09-27
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-----END PGP PUBLIC KEY BLOCK-----
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3.186. Andreas Klemm <andreas@FreeBSD.org>

```
pub 1024D/6C6F6CBA 2001-01-06 Andreas Klemm <andreas.klemm@eu.σ
didata.com>
    Key fingerprint = F028 D51A 0D42 DD67 4109 19A3 777A 3E94 σ
6C6F 6CBA
uid                               Andreas Klemm <andreas@klemm.gtn.com>
uid                               Andreas Klemm <andreas@FreeBSD.org>
uid                               Andreas Klemm <andreas@apsfilter.org>
sub 2048g/FE23F866 2001-01-06
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.187. Johann Kois <jkois@FreeBSD.org >

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pub 1024D/DD61C2D8 2004-06-27 Johann Kois <J.Kois@web.de>
    Key fingerprint = 8B70 03DB 3C45 E71D 0ED4 4825 FEB0 EBEF 0
DD61 C2D8
uid                                Johann Kois <jkois@freebsd.org>
sub 1024g/568307CB 2004-06-27
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3.188. Sergei Kolobov <sergei@FreeBSD.org >

```
pub 1024D/3BA53401 2003-10-10 Sergei Kolobov <sergei@FreeBSD.org>
```

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Key fingerprint = A2F4 5F34 0586 CC9C 493A 347C 14EC 6E69 3
3BA5 3401
uid                               Sergei Kolobov <sergei@kolobov.com>
sub 2048g/F8243671 2003-10-10

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-----END PGP PUBLIC KEY BLOCK-----
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3.189. Maxim Konovalov <maxim@FreeBSD.org >

```

pub 1024D/2C172083 2002-05-21 Maxim Konovalov <maxim@FreeBSD.org>
Key fingerprint = 6550 6C02 EFC2 50F1 B7A3 D694 ECF0 E90B 3
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uid                               Maxim Konovalov <maxim@macomnet.ru>
sub 1024g/F305DDCA 2002-05-21

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3.190. Taras Korenko <taras@FreeBSD.org >

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pub      1024D/8ACCC68B 2010-03-30
          Key fingerprint = 5128 2A8B 9BC1 A664 21E0 1E61 D838 54D3 8ACC C68B
uid           Taras Korenko <taras@freebsd.org>
uid           Taras Korenko <ds@ukrhub.net>
uid           Taras Korenko <tarasishche@gmail.com>
sub      2048g/8D7CC0FA 2010-03-30 [expires: 2015-03-29]

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NkhSfmgVGMHwJ4iAL7mRzarSjCKiE8EGBECAA8FAkuyDPQCGwMFCQlMAYAAcGkQ
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EskTn7/B
=meSB
-----END PGP PUBLIC KEY BLOCK-----

```

3.191. Joseph Koshy <jkoshy@FreeBSD.org >

```

pub 1024D/D93798B6 2001-12-21 Joseph Koshy (FreeBSD) ✉
<jkoshy@freebsd.org>

```

```
Key fingerprint = 0DE3 62F3 EF24 939F 62AA 2E3D ABB8 6ED3 ɔ
D937 98B6
sub 1024g/43FD68E9 2001-12-21
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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mQGIBDwi3FcRBADkiWSSJS0X38CIPgbUnnDQ8S79eZ0zQYnYn5aeRMi7w0B4SnQP
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/VtANEu2XbxUp5pGmReNn50EAM4vLWfZk3T2woHN0VB0wEk0BM216zfJQGLFUFqT
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c2h5IChGcmVlQLNEKSA8amtvc2h5QGZyZWvic2Qub3JnPohXBBMRAGAXBQI8IUkV
BQsHCgMEAxUDAgMwAgECF4AACgkQq7hu09k3mLaWwQCbEeFwt8z4HlnAys0FYB8
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Zh0uEF/uql7IDKMQc0fsvVrF8cZfNwAECwP/UvxNG/RU0lOHdRo3hY3H5L7zmaCi
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Knt39F7lyjbzBvGIRgQYEQIABGUcPCLcYgAKCRCruG7T2TeYth30AKCzp2KXBqsa
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=a9D2
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

3.192. Wojciech A. Koszek <wkoszek@FreeBSD.org >

```
pub 1024D/C9F25145 2006-02-15
Key fingerprint = 6E56 C571 9D33 D23E 9A61 8E50 623C AD62 ɔ
C9F2 5145
uid Wojciech A. Koszek <dunstan@FreeBSD.czyst.pl>
uid Wojciech A. Koszek <wkoszek@FreeBSD.org>
sub 4096g/3BBD20A5 2006-02-15
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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mQGIBEPzlgcRBADVxGiWQYCSd/HJfQi958sIFwxgfaFLyKaD4u8yhdG6s7S0z6mR
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Xi3gyvS8GRCLWlAXyJwRyHn5ccCKfr0SdQG10ZWEj45zDUGFw+PSRtA0fCze5cAl
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=sg8v
-----END PGP PUBLIC KEY BLOCK-----
```

3.193. Alex Kozlov <ak@FreeBSD.org >

```
pub 2048R/0D1D29A0 2012-03-01 [expires: 2024-02-27]
    Key fingerprint = 7774 4FCF 6AC9 126B BD0E DBF3 5EBF 4968 0D1D 29A0
uid                               Alex Kozlov <ak@freebsd.org>
sub 2048R/2DD82C65 2012-03-01 [expires: 2024-02-27]
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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YRt+p9eVNT1UwwQkpiYG8VviSZZQBVoig9h1mLzkzDj6EmE0aI78L/MjTJV4Gvcy
tn0QaaYzTPIYUVbm269WnbuRaNbVdw3u0yhgV40KaWjTpx6Ngv7EMJ8+SK74udGk
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=iXGb
-----END PGP PUBLIC KEY BLOCK-----
```

3.194. Steven Kreuzer <skreuzer@FreeBSD.org >

```
pub 1024D/E0D6F907 2009-03-16 [expires: 2015-04-09]
    Key fingerprint = 8D8F 14D6 ED9F 6BD0 7756 7A46 66BA B4B6 0
E0D6 F907
uid          Steven Kreuzer <skreuzer@exit2shell.com>
uid          Steven Kreuzer <skreuzer@freebsd.org>
sub 4096g/76940A06 2009-03-16 [expires: 2015-03-13]
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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dqvipG7lCiPgNjLjP9wAn0vEMwSLotToLpP0t0GFK0sAm7hiGYEExECACYCGwMG
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foUaAdC3CTN3tZgLU4u5oAcXQIhVoY8j6oLxirTXqI92AfsewIkTNvndQ0mbQgTe00  
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=gqde  
-----END PGP PUBLIC KEY BLOCK-----
```

3.195. Gábor Kövesdán <gabor@FreeBSD.org >

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pub 1024D/2373A6B1 2006-12-05  
Key fingerprint = A42A 10D6 834B BEC0 26F0 29B1 902D D04F 3  
2373 A6B1  
uid Gabor Kovesdan <gabor@FreeBSD.org>  
sub 2048g/92B0A104 2006-12-05
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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XFPymLQQtLDRtyz31QPCQXnI2CD2yswSdrHID/LuBDx+24vA2NyGy7WdUmSSchnE  
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89o0QHbW+UqcYdWPUGtO38hr7k8U8LNJT0a7axsgwiwLr1oSS8z/RjdiFwuArM5M
PQgkvMYLAAMFCACIMI02gj tPL64mLy6If2TPBTqb+g+HaWwk4lxsUN3A7A5y9TXk
w3Hx2j cig6P95jIKyiTJKv5ZqcUuwtEWK/nK6M4o8x7QqWLAfH6x/wfsb9Gays+K
wT448Xhi05c0nIuKyFXXzaNRgGe/G+fxpxqEjmgP5y2NjB+KG/h4/Am25h9Ylm+P
EYq8QMxwYS+3TpfCMmgngTymegNZpbQ32nJYKnxn9j58sLqgp7BjekgAYi79z+Zx
0HoeGPiehGLdymo5aaITCZfTB5CRMyn+dbvXUpl8hdAEG72q5D7JH8yic0ANHud
NdMiCdXTJcHnDQeXdsrVWGTQmt4iuwfwKlmiEkEGBECAAKFAkV1ziACGwwACgkQ
kC3QTyNzprFoGQCfZdGMD7cQFoCW1DBGmNj9A05WmQAOIM4BtfrIXvx3Tov88ES
DH0hFMi+
=jLzS
-----END PGP PUBLIC KEY BLOCK-----
```

3.196. Ana Kukec <anchie@FreeBSD.org>

```
pub 2048R/510D23BB 2010-04-18
Key fingerprint = 0A9B 0ABB 0E1C B5A4 3408 398F 778A C3B4 510D 23BB
uid Ana Kukec <anchie@FreeBSD.org>
sub 2048R/699E4DDA 2010-04-18
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

```
mQENBEvLStoBCACxnU/0ujcU5D0Ph4eGJhRfFSxoH/CBIH1AnaQyrsmzMCfdFav+
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p3bruBe7eruQb4sN9Q113LLTZBts8GswI+iaQaeuT2eKhYuJlqI37Zp/36k87cTE
sQg37HtSfKjL0CEbxH9q6JGCi0rwa4DqLPfwoPEyyMuTcwcRm4QhNKUvJ9jRFze9
YYMXQIGBMX5L0j94mnq52HkXstv2rK0xURKANtXcqb0ciQUoXTRN0K0cYHPbNHWS
PqZMhpTYd9d+SKYHu0GUjbsLhtaGzBLK9SQ3ABEBAAG0HkFuYSBLdwtlyY8Yw5j
aGllQEZYzWVCU0Qub3JnPokB0AQTAQIAIgcUS8tK2gIbAwYLCQgHAWIGFQgCCQoL
BBYCAwEChgECF4AACgkQd4rDtFENI7ub6gf9HsBwaT7CmPenZPPJk+/GXDINWPW+
Q7c6rAEA3072j+h/RDTnhKip9R6/4SankmrQSA0NC01EiTzsgV/3cS0k4v0XKBrT
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o7olzxiy0kVaYXBizKVQ482x/oN3kXwzMmxkhN4zmoJp0zvjb0w4Ar5WiYldgL8x
ZggWcR0NLVejeYi5VBPxsPh3vfVfVvjhxHuS/bLGyBa/t00bKxTpbD9frkBDQRL
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KWYuTow6dZtCySg7GXW0fEV+QEvWvDa3y/zGjZ0SVwcm7pk3Vm3Pnuv9a52wG6gm
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t1AymA+9oom984jiPlV3DSrXrJoAndQeHoKDz2dhDZ9E1CC0A15aAhVn94nfdwee
GEL8N1KtQLBmP4QXFt0AupBiqq0IQARAQABiQEfBBgBAGAJBQJLY0raAhsMAAoJ
EHeKw7RRDS07B1gh/3I75rWb9AAEQRYIoGJW4/vPB2CQ0juG2XX657wzgdZL8uD
E8Lb4zQJa1RtSj8Ma/Qx+cL7BNWypZAUirXrhZiVdAjvNq87CYW2bjZ1w4zsv1Qm
mbKT6TmfMuGULUjno0wdRh77TfyLirKsXx1535UY6gH3YFAiZaf5H4yosC49tizF
l5WN0v4DmHSJ5nplItA0RSrBDeJWk2wLjp7N+7Hy9lbyMegAwYMQSRQtWNRGok0K
ufjKvZwbUTmo/MYALncTwpwL/ZFL21s90vBM36q0RiPDVCKZvqrdwYqb56Fr4KUH
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=+R9q
-----END PGP PUBLIC KEY BLOCK-----
```

3.197. Roman Kurakin <rik@FreeBSD.org >

```
pub 1024D/C8550F4C 2005-12-16 [expires: 2008-12-15]
    Key fingerprint = 25BB 789A 6E07 E654 8E59 0FA9 42B1 937C ǂ
C855 0F4C
uid Roman Kurakin <rik@FreeBSD.org>
sub 2048g/D15F2AB6 2005-12-16 [expires: 2008-12-15]
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQGIBe0iKikrBADU4oWe1rkbD6R8He0R5I/Uw6gGk0zrBPNkyT9PAtnKfYgA0otZ
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/wYYQ2k0jA0pehd7QYYB6w06gi+siJ9UY6iEhVxr08rF5Er7RYXICubDEwCgszsF
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EyMRY/pCvge7k1kjmm/6eZ3M39fPrwvcpfsRF/dlgEeQI9Pn0HDJWG7eU/zg0wrQ
VkvELJ6qtJvLQRkMh51EfLkR00Fy0HsBwfc4U82GvBLU5fPL1FuJmeVLJtZ0W3q+
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GvFqqRU5VsvYXKVKlVoWQiKGu0Hf/ZI0nY8ek49nTsUTm1MDPIfQmL182uxr3s40
DhBmKzhufDBkgTndpC2SU0h5mwkF09Xo1goVMn5DTbQfRfNff7QfUm9tYW4gS3Vy
YwtpbiA8cmlrQeZyZWVCU0Qub3JnPohmBBMRAGAmBQJJDopIpAhsDBQkFo5qABgsJ
CAcDAgQVAggDBBYCAwECHgECF4AACgkQQrGTfMhVD0yS6gCfQyXa2JPiyf0EFzQ
HGwWRDPjzjsAn0IJZGfMUiTEgcmtpu0lNv6nMUiEiEYEEBECAAYFAK0jJ6YACgkQ
TcLL2LcfYF1uNACgXMrLmzdzmMwriLK+T40Kcffa/sAo0CL19v4pPw4R4KI3o70
M0acY9bIiEYEEBECAAYFAK0jvw0ACgkQrYlc73j0EF8XvQCfWcxEwIwZ4eZld/Qf
eB1hsxJedXuAnA/ft0sZtbG4o299udw71y57GHMPiEYEEBECAAYFAK0j44IACgkQ
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rR1nB3hzAiIANj0wE3TRytoNLPAAuECgudqkqpnRuQINBE0iKlMQCACBiZ5wcv8t
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CQWjmoAACgkQQrGTfMhVD0wzaQCgkceiB8kst3+rwFRapwaWT08ey0An3w0Diff
8juSffJ2ZBIPyPzTgGmu
=0i68
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

3.198. Hideyuki KURASHINA <rushani@FreeBSD.org >

```
pub 1024D/439ADC57 2002-03-22 Hideyuki KURASHINA <rushani@bl.mmtr.ǂ
or.jp>
    Key fingerprint = A052 6F98 6146 6FE3 91E2 DA6B F2FA 2088 ǂ
439A DC57
```

```
uid Hideyuki KURASHINA <rushani@FreeBSD.org>
org>
uid Hideyuki KURASHINA <rushani@jpp.FreeBSD.org>
FreeBSD.org>
sub 1024g/64764D16 2002-03-22
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.1 (FreeBSD)
```

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HQ9mGVKuUC3Zh0FzvsU7Ks2ss9ynxfbFXnyyA0qXwTzU9pMuW5oL0Umj qwEFAhV
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AgMVAgMDFgIBAh4BAheAAhkBBQI+L/K/AAoJEPL6IhDmtxXgj8An1YuXcp0iurB
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oIQ/on62k7YB0+bu0+K472a/cw2MuQENBDybt6UQBAD/ZGmVwhzt9YWhF9q7mLOT
iEMzL2AzBryLzzUphejgdLJN/TIoDtaJfMyNk016FbUq/WLQbKYFKfDunqx+eVSi
PsneeYw9nAdlcXVgHRj0L3vj507PIg4qqps2mnLKEOXLAH2PNTYY6+8T0NQicdht
YIraowzLoKRdINuDQrCpEwADBGP9H4CwbNJtQAHwS9ATmfL6F2Bg9LWe1godSWkM
N+nBxKvMqrajJwfvX09f9gzn0qmMZT9u2DwcADzRQLC3jkzgd0D1f8UiAuCuDEE1a
vgliCuyiI6m+MMWCK0Cj/69wIu1ilwQkn8SeoEwn+hwqHa20ue7vBhXreQanJim
sq38ZdCIRgQYEQIABgUCPJ3pQAkCRDy+iCIQ5rcVzT/AKCY0yEmpIxXYVI5gYM
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=cXJQ
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

3.199. Jun Kuriyama <kuriyama@FreeBSD.org >

```
pub 1024D/FE3B59CD 1998-11-23 Jun Kuriyama <kuriyama@imgsrc.co.jp>
Key fingerprint = 5219 55CE AC84 C296 3A3B B076 EE3C 4DBB 5
FE3B 59CD
uid Jun Kuriyama <kuriyama@FreeBSD.org>
uid Jun Kuriyama <kuriyama@jpp.FreeBSD.org>
sub 2048g/1CF20D27 1998-11-23
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

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mQGiBDZZXiQRBACwC1PcCjIpTl6aCy0MVfz4jLRSKblwib2s07TBwbgR1zMHbPie
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AwIDFgIBAheAAAoJE048Tbv+01nN4+YAoKeQztEcbPBbbX7DZAH0sGZLRz2NAJ9a
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+cLWkbQkSnVuIEt1cm15YW1hIDxrdXJpeWfTYUBpbWdzcmMuY28uanA+iFcEEcEC
ABcFajxN7RoFCwKAwQDFQMCaxYCAQIXgAAKCRDuPE27/jtZzYfDAJ9BFckSo4/r
SMe9UqbRMPK+8FUumwCfYH1pt4t6jFluLLk+9wYA9wISL3e5Ag0ENllesBAIAMSU
hrKdEdKzQXHzkoE4Nz13hb6dtDmjgYr+3X95wBkUvtrk2CeYG3RC1PNwd1sEFEWp
IiSz0aQDzXzmtBGpMkQI1t+Cw4sC5Cs2TQ59VHLFw7HWSYMNj+RchWuwkhwipx5
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I5smfjVe0yqXMACREUzXmqn+Dc6Pz6ESVTv2XwIy0UxqxiYk1J98Cf3ffi5+e/q1d
rej2PzArpfzaygu88uMAAwJIAI/IiiQJupz9BaCws/K6j4Qs5iWRiSB7vaZfgCr9
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/UfiQFMarsj9MozAmhzI5L00JqL0f4u/XBv0rh5H0X6t+M9MfZYL3C7bn/LxmDif
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hLaVfesP/NCIt5Y=
=AoU9
-----END PGP PUBLIC KEY BLOCK-----
```

3.200. Gleb Kurtsov <gleb@FreeBSD.org >

```
pub 2048R/C2A8382F0952092D 2013-11-02 [expires: 2016-11-01]
    Key fingerprint = D1F6 F20B BB68 06AD D051 4BD5 C2A8 382F 0952 092D
uid                               Gleb Kurtsov <gleb@FreeBSD.org>
uid                               Gleb Kurtsov <gleb.kurtsov@gmail.com>
sub 2048R/E628ECBAC4622293 2013-11-02 [expires: 2016-11-01]
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
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```
mQENBFJ1Lm8BCACxCDvh3420V4x+oS1UA7/jizQYIj+dc0VnvVQtLwRKQqipMEEe
sq55bqhfW0r46l'exnhAWDygaEFZVpy6VA00RXKE3XSaD8Qt0K0IBKNksVHZXzCeh
3icsJkpmxL8bbImdvYs1jPwMYjt0AIFZPEgVdohyxkXJY2CBSAsjfgR0cvgJ5K8
QnR1ySrhgtwAqt/ZSX0JCTv9vfxz99Xqvh6PM+RH6NnPLSQGr/uzjCMG3aAvSC0D
9qpA26IMYJnv0cRds3I61b1ASbdQP6rpl72Qcd0r2eBs1/27zAKEPL9kHeZh9J8r
STJBU0ZMcm8Hcmi78b5lSEJUYSQFPZeUgsX3ABEBAAG0JUdsZWIgS3VydhHNvdSA8
```

```
Z2xLYi5rdXJ0c291QGdtYwLsLmNvbT6JAT0EEwEIAcCFALJ1MCICGwMFCQWjmoAF
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3.201. René Ladan <rene@FreeBSD.org >

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pub 4096R/ADBBF8610A3789B7 2012-11-18 [expires: 2016-12-26]
Key fingerprint = 101A 716B 162B 00E5 5BED EA05 ADBB F861 0A37 89B7
uid René Ladan <rene@freebsd.org>
sub 4096R/CB77BE03B67184C6 2012-11-18
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3.202. Julien Laffaye <jlaffaye@FreeBSD.org >

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pub 2048R/6AEBE420 2011-06-06
Key fingerprint = 031A B449 B383 5C3B B618 E2F4 BAD0 0F0E 6AEB E420
uid Julien Laffaye <jlaffaye@FreeBSD.org>
sub 2048R/538B8D5B 2011-06-06
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3.203. Clement Laforet <clement@FreeBSD.org >

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pub 1024D/0723BA1D 2003-12-13 Clement Laforet (FreeBSD committer @
address) <clement@FreeBSD.org>
Key fingerprint = 3638 4B14 8463 A67B DC7E 641C B118 5F8F @
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uid Clement Laforet @
<sheepkiller@cultdeadsheep.org>
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laforet@cotds.org>
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3.204. Max Laier <mlaier@FreeBSD.org >

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3.205. Erwin Lansing <erwin@FreeBSD.org >

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uid [ultimate] Erwin Lansing <erwin@FreeBSD.org>
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3.206. Ganael Laplanche <martymac@FreeBSD.org >

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=VNnr
-----END PGP PUBLIC KEY BLOCK-----

```

3.208. Frank J. Laszlo <laszlof@FreeBSD.org >

```

pub 4096R/012360EC 2006-11-06 [expires: 2011-11-05]
Key fingerprint = 3D93 21DB B5CC 1339 E4B4 1BC4 AD50 C17C 0123 60EC
uid Frank J. Laszlo <laszlof@FreeBSD.org>

```

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K1Rb95LuF2BJ0JsnYbHTEURwloif0U5VIbuH6s37bvjkXDhbHcQo1UGwQM/v6tPaG
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-----END PGP PUBLIC KEY BLOCK-----

3.209. Dru Lavigne <dru@FreeBSD.org >

```
pub 1024D/C6AA2E94 2013-01-22
Key fingerprint = 6CC4 2180 F27C 29B6 5A9C EC0D A454 DC05 6C6A 2E94
uid Dru Lavigne <dru@freebsd.org>
sub 1024g/7FAC82EA 2013-01-22
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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3.210. Sam Lawrance <lawrance@FreeBSD.org>

```
pub 1024D/32708C59 2003-08-14
Key fingerprint = 1056 2A02 5247 64D4 538D 6975 8851 7134 3270 8C59
uid Sam Lawrance <lawrance@FreeBSD.org>
uid Sam Lawrance <boris@brooknet.com.au>
sub 2048g/0F9CCF92 2003-08-14
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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3.211. Nate Lawson <njl@FreeBSD.org >

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pub 1024D/60E5AC11 2007-02-07
    Key fingerprint = 18E2 7E5A FD6A 199B B08B E9FB 73C8 DB67 60E5 AC11
uid                               Nate Lawson <nate@root.org>
sub 2048g/CDBC7E1B 2007-02-07
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3.212. Jeremie Le Hen <jlh@FreeBSD.org >

```
pub 2048D/8BF6CF92 2012-04-18
    Key fingerprint = 66C9 B361 16CA BFF6 5C07 DA0A 28DE 3702 8BF6 CF92
uid                               Jeremie Le Hen <jeremie@le-hen.org>
uid                               Jeremie Le Hen <jeremie@lehen.org>
uid                               Jeremie Le Hen <tzt@chchile.org>
uid                               Jeremie Le Hen <jlh@FreeBSD.org>
sub 2048g/045479A3 2012-04-18
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-----END PGP PUBLIC KEY BLOCK-----
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3.213. Yen-Ming Lee <leeym@FreeBSD.org >

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pub 1024D/93FA8BD6 2007-05-21
Key fingerprint = DEC4 6E7F 69C0 4AC3 21ED EE65 6C0E 9257 93FA 8BD6
uid Yen-Ming Lee <leeym@leeym.com>
sub 2048g/899A3931 2007-05-21
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3.214. Sam Leffler <sam@FreeBSD.org>

```

pub 1024D/BD147743 2005-03-28
    Key fingerprint = F618 F2FC 176B D201 D91C 67C6 2E33 A957 ǁ
BD14 7743
uid Samuel J. Leffler <sam@freebsd.org>
sub 2048g/8BA91D05 2005-03-28

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3.215. Jean-Yves Lefort <jylefort@FreeBSD.org>

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pub 1024D/A3B8006A 2002-09-07
    Key fingerprint = CC99 D1B0 8E44 293D 32F7 D92E CB30 FB51 ǁ
A3B8 006A

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uid          Jean-Yves Lefort <jylefort@FreeBSD.org>
uid          Jean-Yves Lefort <jylefort@brutele.be>
sub 4096g/C9271AFC 2002-09-07
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-----END PGP PUBLIC KEY BLOCK-----

3.216. Alexander Leidinger <netchild@FreeBSD.org >

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pub 1024D/C6043C5672077137 2002-01-31 [verfällt: 2014-10-19]
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OpenPGP Keys

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Schl.-Fingerabdruck = AA3A 8F69 B214 6BBD 5E73 C9A0 C604 3C56 5
7207 7137
uid                               Alexander Leidinger <netchild@FreeBSD.5
org>
uid                               [jpeg image of size 19667]
sub 2048g/24CD30348C9828D3 2002-01-31
Schl.-Fingerabdruck = 6CDD 7708 F4E8 EFFC 9972 A277 24CD 3034 5
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Schl.-Fingerabdruck = AEB2 6917 4B92 8861 7AD1 AE54 C773 696B 5
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uid                               Alexander Leidinger <netchild@FreeBSD.5
org>
uid                               Alexander Leidinger 5
<Alexander@Leidinger.net>
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oswGPi8s0Blp+T+7jaty0TyWNFRs3kypTzR+5aMYG5DTmN7+uy50JQ05oTTZKktg
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SA0zUnqJQ4xKHSz/wl92oFawdnNBQ9Qs+P3abR+5TJ2yHtsC7A54HEDp/d4HLlXE
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r30TxsV7zGP0AfvJUDs0HJ7gZ1VwIrounRqcxAZx0ra7M0qYWMQCgBn4gEyQkISZH
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H8DnnICsgg==
=XhVe
-----END PGP PUBLIC KEY BLOCK-----
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3.217. Andrey V. Elsukov <ae@FreeBSD.org >

```
pub 2048R/10C8A17A 2010-05-29
Key fingerprint = E659 1E1B 41DA 1516 F0C9 BC00 01C5 EA04 10C8 A17A
uid Andrey V. Elsukov <ae@freebsd.org>
uid Andrey V. Elsukov <bu7cher@yandex.ru>
sub 2048R/0F6D64C5 2010-05-29
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-----BEGIN PGP PUBLIC KEY BLOCK-----

mQENBEwBF1kBCADB9sXFhBEUy8qQ4X63Y8eBatYMHGEFwN9ypS5LI3RE6qQW2EYb
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ZEjWHV91hY1YTHEFZW/0GYinDf56sYpDDehaBF5wkwIo1+QK5nmj3vL0DIDCMnd7
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TSxwLu63QejRGbZWSz30K3jM0oF63tCgn7FvABEBAAG0JUFuZHZhZjleSBWLiBFbHN1
a292IDxidTdjagVYQlhlbmRleC5ydT6JATgEEwECACIFAKwBF1kCGwMGcwkIBwMC
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4TywZLXGrkP7VKYkfg6oyCGyzITghefQeJtr2TN4hYCKzPWpYlKue8MtmqfZv/6r
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XpZkL5JG4e0qJVIUX316iE3qso0iXRUt070seBf0PiVmk+wCahdreH0e0xK5jMhY
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VFTu33VVNzz9pnqNChxGvj5dL5ltP160JV2zw2bUwJBYsgYQWfyJJIM7l3gv5ZS3
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-----END PGP PUBLIC KEY BLOCK-----

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3.218. Dejan Lesjak <lesi@FreeBSD.org >

```

pub 1024D/96C5221F 2004-08-18 Dejan Lesjak <lesi@FreeBSD.org>
Key fingerprint = 2C5C 02EA 1060 1D6D 9982 38C0 1DA7 DBC4 0
96C5 221F
uid Dejan Lesjak <dejan.lesjak@ijs.si>
sub 1024g/E0A69278 2004-08-18

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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GwYrQlQJHJcCFbxnYUGJX/sEAJXyzea8rzP7dTUsa0YcLitIpy/eDI3vkB0aW7Uh
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-----END PGP PUBLIC KEY BLOCK-----
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3.219. Achim Leubner <achim@FreeBSD.org >

```
pub 2048R/2E15B3C1 2013-01-22
Key fingerprint = 2A48 0317 D477 2A07 2AD9 CF1C 7C1D 832E 0
2E15 B3C1
uid Achim Leubner <achim@freebsd.org>
sub 2048R/E275EF01 2013-01-22
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CQoLBBYCAwECHgECF4AAcGkQfB2DLi4Vs8EW0AgAnkiKp8Hu40tgwLymXdK5eM2K
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-----END PGP PUBLIC KEY BLOCK-----
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3.220. Chuck Lever <cel@FreeBSD.org>

```
pub 1024D/8FFC2B87 2006-02-13
    Key fingerprint = 6872 923F 5012 F88B 394C 2F69 37B4 8171 8F8F
    8FFC 2B87
uid                               Charles E. Lever <cel@freebsd.org>
sub 2048g/9BCE0459 2006-02-13
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-----END PGP PUBLIC KEY BLOCK-----
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3.221. Don "Truck" Lewis <truckman@FreeBSD.org>

```
pub 2048R/B082B167EC3362D8 2014-02-20 [expires: 2017-02-19]
    Key fingerprint = 7016 6C9F 3B88 E5E9 E7C7 E056 B082 B167 8C33
    EC33 62D8
uid                               Don "Truck" Lewis <truckman@FreeBSD.org>
sub 2048R/76F1C2A82FEBF95E 2014-02-20 [expires: 2017-02-19]
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-----END PGP PUBLIC KEY BLOCK-----
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3.222. Greg Lewis <glewis@FreeBSD.org >

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pub 1024D/1BB6D9E0 2002-03-05 Greg Lewis (FreeBSD) <glewis@FreeBSD.org>
Key fingerprint = 2410 DA6D 5A3C D801 65FE C8DB DEEA 9923 0
1BB6 D9E0
uid Greg Lewis <glewis@eyesbeyond.com>
sub 2048g/45E67D60 2002-03-05
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3.223. Qing Li <qingli@FreeBSD.org >

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pub 2048R/A3CA4C13 2013-06-12 [expires: 2017-06-12]
    Key fingerprint = E37B CB18 35D1 F01B 7D7B 1000 0EAF 4BEA 3
A3CA 4C13
uid                               Qing Li <qingli@freebsd.org>
sub 2048R/EF3A9370 2013-06-12 [expires: 2017-06-12]
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-----END PGP PUBLIC KEY BLOCK-----
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3.224. Xin Li <delphij@FreeBSD.org >

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pub 4096R/95B6181B2D33E9EC 2013-10-03 [expires: 2018-10-02]
Key fingerprint = 0E1A 6039 BFD2 1F02 DD1B BFF5 95B6 181B 2D33 E9EC
uid Xin Li <d@delphij.net>
uid Xin Li <delphij@FreeBSD.org>
uid Xin Li <delphij@delphij.net>
sub 4096R/7D0C88F036C2299B 2013-10-03 [expires: 2018-10-02]
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3.225. Tai-hwa Liang <avatar@FreeBSD.org >

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pub 1024R/F4013AB1 1998-05-13 Tai-hwa Liang <avatar@FreeBSD.org>
Key fingerprint = 5B 05 1D 37 7F 35 31 4E 5D 38 BD 07 10 32 0
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uid                               Tai-hwa Liang <avatar@mmlab.cse.yzu.edu.tw>
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3.226. Ying-Chieh Liao <ijliao@FreeBSD.org >

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pub 1024D/11C02382 2001-01-09 Ying-Chieh Liao <ijliao@CCCA.NCTU.edu.tw>
    Key fingerprint = 4E98 55CC 2866 7A90 EFD7 9DA5 ACC6 0165 11C0 2382
uid                               Ying-Chieh Liao <ijliao@FreeBSD.org>
uid                               Ying-Chieh Liao <ijliao@csie.nctu.edu.tw>
uid                               Ying-Chieh Liao <ijliao@dragon2.net>
uid                               Ying-Chieh Liao <ijliao@tw.FreeBSD.org>
org>
sub 4096g/C1E16E89 2001-01-09

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Comment: For info see http://www.gnupg.org

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3.227. Ulf Lilleengen <lulf@FreeBSD.org >

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pub 1024D/ADE1B837 2009-08-19 [expires: 2014-08-18]
    Key fingerprint = 3822 B4E6 6D1C 6F71 4AA8 7A27 ADDF C400 0
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uid                               Ulf Lilleengen <ulf.lilleengen@gmail.com>
uid                               Ulf Lilleengen <lulf@pvv.ntnu.no>
uid                               Ulf Lilleengen <lulf@stud.ntnu.no>
uid                               Ulf Lilleengen <lulf@FreeBSD.org>
uid                               Ulf Lilleengen <lulf@idi.ntnu.no>
sub 2048g/B5409122 2009-08-19 [expires: 2014-08-18]

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3.228. Clive Lin <clive@FreeBSD.org >

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pub 1024D/A008C03E 2001-07-30 Clive Lin <clive@tongi.org>
    Key fingerprint = FA3F 20B6 A77A 6CEC 1856 09B0 7455 2805 0
A008 C03E
uid                               Clive Lin <clive@CirX.ORG>
uid                               Clive Lin <clive@FreeBSD.org>
sub 1024g/03C2DC87 2001-07-30 [expires: 2005-08-25]
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Version: PGP Key Server 0.9.6
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-----END PGP PUBLIC KEY BLOCK-----
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3.229. Po-Chien Lin <pcclin@FreeBSD.org>

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pub 4096R/865C427F 2013-02-05
    Key fingerprint = CF3B AB13 4C94 6388 B047 B599 8B28 1692 865C 427F
uid Po-Chien Lin <pcclin@FreeBSD.org>
uid Po-Chien Lin <linpc@cs.nctu.edu.tw>
sub 4096R/F31280BA 2013-02-05
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3.230. Yi-Jheng Lin <yzlin@FreeBSD.org>

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pub 2048R/A34C6A8A 2009-07-20
Key fingerprint = 7E3A E981 BB7C 5D73 9534 ED39 0222 04D3  3
A34C 6A8A
uid Yi-Jheng Lin (FreeBSD) <yzlin@FreeBSD.org>
sub 2048R/B4D776FE 2009-07-20

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3.231. Mark Linimon <linimon@FreeBSD.org>

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pub 1024D/84C83473 2003-10-09
Key fingerprint = 8D43 1B55 D127 0BFC 842E 1C96 803C 5A34 84C8 3473
uid Mark Linimon <linimon@FreeBSD.org>
uid Mark Linimon <linimon@lonesome.com>
sub 1024g/24BFF840 2003-10-09
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3.232. Tilman Keskinöz <arved@FreeBSD.org >

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pub 4096R/6774D2A3 2013-09-24 [expires: 2018-09-23]
    Key fingerprint = 4E07 0A2C F66B B844 7E9B A25B 6CBE B6EB 6774 D2A3
uid Tilman Keskinöz <arved@FreeBSD.org>
uid Tilman Keskinöz <arved@arved.at>
sub 4096R/8CD560FB 2013-09-24 [expires: 2018-09-23]
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3.233. Dryice Liu <dryice@FreeBSD.org>

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pub 1024D/77B67874 2005-01-28
Key fingerprint = 8D7C F82D D28D 07E5 EF7F CD25 6B5B 78A8 77B6 7874
uid Dryice Dong Liu (Dryice) <dryice@FreeBSD.org>
uid Dryice Dong Liu (Dryice) <dryice@liu.com.cn>
uid Dryice Dong Liu (Dryice) <dryice@hotpop.com>
uid Dryice Dong Liu (Dryice) <dryiceliu@gmail.com>
uid Dryice Dong Liu (Dryice) <dryice@dryice.name>
sub 2048g/ECFA49E4 2005-01-28

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3.234. Tong Liu <nemoliu@FreeBSD.org >

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pub 1024D/ECC7C907 2007-07-10
Key fingerprint = B62E 3109 896B B283 E2FA 60FE A1BA F92E 3
ECC7 C907
uid Tong LIU <nemoliu@FreeBSD.org>
sub 4096g/B6D7B15D 2007-07-10

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-----END PGP PUBLIC KEY BLOCK-----
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3.235. Zachary Loafman <zml@FreeBSD.org >

```
pub 1024D/4D65492D 2009-05-26
Key fingerprint = E513 4AE9 5D6D 8BF9 1CD3 4389 4860 D79B 4D65 492D
uid Zachary Loafman <zml@FreeBSD.org>
sub 2048g/1AD659F0 2009-05-26
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3.236. Juergen Lock <nox@FreeBSD.org >

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pub 1024D/1B6BFBFD 2006-12-22
    Key fingerprint = 33A7 7FAE 51AF 00BC F0D3 ECCE FAFD 34C1 1B6B FBFD
uid                               Juergen Lock <nox@FreeBSD.org>
sub 2048g/251229D1 2006-12-22
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3.237. Remko Lodder <remko@FreeBSD.org >

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pub 4096R/3F774079 2012-11-11 [expires: 2016-11-11]
    Key fingerprint = 7EE4 C4AF DCA3 E0B4 479B A344 7135 8ED6 3F77 4079
uid                               Remko Lodder <remko@FreeBSD.org>
sub 4096R/59F38CB0 2012-11-11 [expires: 2016-11-11]
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3.238. Alexander Logvinov <avl@FreeBSD.org >

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pub 1024D/1C47D5C0 2009-05-28
Key fingerprint = 8B5F 880A 382B 075E E707 9DB2 E135 4176 1C47 D5C0
uid Alexander Logvinov <alexander@logvinov.com>
uid Alexander Logvinov (FreeBSD Ports Committer) <avl@FreeBSD.org>
uid Alexander Logvinov <ports@logvinov.com>
uid Alexander Logvinov <logvinov@gmail.com>
uid Alexander Logvinov <logvinov@yandex.ru>
sub 2048g/60BDD4BB 2009-05-28

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3.239. Isabell Long <issyl0@FreeBSD.org >

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c2wL0KbLsZs4L5kCq1chWAtNXRpmBeESs78HeIa9/MgJJtHTBmdmqmWYDuY17HYp
WJuG9hklikZdfUwFDf0T3CQkUs1PHUAwsjqLkvi3iMyYTduBcIaTSlrA1NHN3mP
QVqD/9D5hyhnh6R1w2W64iUTYirHgLjQFD+yyFkX20v7GVJRdFlVhLj6zLoTiq
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MXGusY0WlZt+nvaiLdcyEzoe0mncXQ6U0B9QjQbo
=qrMq
-----END PGP PUBLIC KEY BLOCK-----
```

3.240. Scott Long <scottl@FreeBSD.org>

```
pub 1024D/017C5EBF 2003-01-18 Scott A. Long (This is my official ⚡
FreeBSD key) <scottl@freebsd.org>
Key fingerprint = 34EA BD06 44F7 F8C3 22BC B52C 1D3A F6D1 ⚡
017C 5EBF
sub 1024g/F61C8F91 2003-01-18
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.1 (FreeBSD)
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AJ9Lwk2EEIzhvzhvhwphwIKAhWhHcmQ==
=C3Jv
-----END PGP PUBLIC KEY BLOCK-----
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3.241. Rick Macklem <rmacklem@FreeBSD.org>

```
pub 1024D/7FB9C5F1 2009-04-05
    Key fingerprint = B9EA 767A F6F3 3786 E0C7 434A 05C6 70D6 7
7FB9 C5F1
uid Rick Macklem <rmacklem@freebsd.org>
sub 1024g/D0B20E8A 2009-04-05
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=F39a
-----END PGP PUBLIC KEY BLOCK-----
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3.242. Bruce A. Mah <bmah@FreeBSD.org >

```
pub 2048R/4984910A8CAAEE8A 2014-01-17 [expires: 2017-01-16]
    Key fingerprint = F85A 3820 4369 F71A 34D4 4E83 4984 910A 8CAA EE8A
uid Bruce A. Mah <bmah@kitchenlab.org>
uid Bruce A. Mah <bmah@es.net>
uid Bruce A. Mah <bmah@acm.org>
uid Bruce A. Mah <bmah@ieee.org>
uid Bruce A. Mah <bmah@freebsd.org>
sub 2048R/3FE58165F851A044 2014-01-17 [expires: 2017-01-16]
    Key fingerprint = 32E2 00DA A25D A8B2 87F1 7CC3 3FE5 8165 F851 A044
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-----END PGP PUBLIC KEY BLOCK-----
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3.243. Ruslan Makhmatkhanov <rm@FreeBSD.org >

```
pub 2048R/F60D756F 2011-11-10
Key fingerprint = 9D18 8A88 304C B78B 8003 0379 4574 0BAF ↵
F60D 756F
uid Ruslan Makhmatkhanov <rm@FreeBSD.org>
sub 2048R/B658C269 2011-11-10
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
```

3.244. Mike Makonnen <mtm@FreeBSD.org >

```
pub 1024D/7CD41F55 2004-02-06 Michael Telahun Makonnen ✕
<mtm@FreeBSD.org>
Key fingerprint = AC7B 5672 2D11 F4D0 EBF8 5279 5359 2B82 ✕
7CD4 1F55
uid Michael Telahun Makonnen <mtm@tmsa-
inc.com>
uid Mike Makonnen <mtm@identd.net>
uid Michael Telahun Makonnen <mtm@acs-et.✕
com>
sub 2048g/E7DC936B 2004-02-06
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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SVWPeXcmMGIF84gnmzeC0dAZU2psqBJ5XCus9HArm09enyVReMxrwAgcKxroRK6V
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=TuyI
-----END PGP PUBLIC KEY BLOCK-----
```

3.245. David Malone <dwmalone@FreeBSD.org >

```
pub 512/40378991 1994/04/21 David Malone <dwmalone@maths.tcd.ie>
Key fingerprint = 86 A7 F4 86 39 2C 47 2C C1 C2 35 78 0
8E 2F B8 F5
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.3ia
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=wpn4
-----END PGP PUBLIC KEY BLOCK-----
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3.246. Dmitry Marakasov <amdmi3@FreeBSD.org >

OpenPGP Keys

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pub 1024D/F9D2F77D 2008-06-15 [expires: 2010-06-15]
    Key fingerprint = 55B5 0596 FF1E 8D84 5F56 9510 D35A 80DD 5
F9D2 F77D
uid          Dmitry Marakasov <amdmi3@amdmi3.ru>
uid          Dmitry Marakasov <amdmi3@FreeBSD.org>
sub 2048g/2042CDD8 2008-06-15
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=6qxA
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-----END PGP PUBLIC KEY BLOCK-----

3.247. John Marino <marino@FreeBSD.org >

```
pub 2048R/A0AE6229 2011-07-19
    Key fingerprint = EE48 4F90 C861 3A5F E39E AB9E 33CF 4190 6
A0AE 6229
uid John Marino (DragonFly) <draco@marino.st>
uid John R. Marino <john.secure@marino.st>
uid John Marino (NetBSD) <marino@netbsd.org>
sub 2048R/71D9FB68 2011-07-19
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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3.248. Koop Mast <kwm@FreeBSD.org >

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pub 4096R/BF4E2D5B3B9D8847 2014-01-31 [expires: 2016-01-31]
Key fingerprint = F986 EDE2 B3EC 4098 7820 E1D7 BF4E 2D5B 3B9D 8847
uid Koop Mast <kwm@FreeBSD.org>
uid Koop Mast <kwm@rainbow-runner.nl>
sub 4096R/19C3701D1BE7F671 2014-01-31 [expires: 2016-01-31]
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3.249. Ed Maste <emaste@FreeBSD.org >

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pub 2048R/50A17BF4 2012-12-18
    Key fingerprint = 0C08 ECC9 3A0A 8500 AB95 B553 49C4 7851 50A1 7BF4
uid                               Ed Maste <emaste@freebsd.org>
sub 2048R/08FA5F72 2012-12-18
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3.250. Cherry G. Mathew <cherry@FreeBSD.org >

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pub 2048R/2D066FE1 2007-05-22
    Key fingerprint = FBF1 89FF 81BB E1C7 6C1B 378D 3438 20E9 2D06 6FE1
uid Cherry G. Mathew (FreeBSD email) <cherry@FreeBSD.org>
uid "Cherry G. Mathew" (NetBSD email) <cherry@NetBSD.org>
sub 2048R/7B2C4166 2007-05-22
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3.251. Makoto Matsushita <matusita@FreeBSD.org>

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pub 1024D/20544576 1999-04-18
    Key fingerprint = 71B6 13BF B262 2DD8 2B7C 6CD0 EB2D 4147 0
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uid Makoto Matsushita <matusita@matatabi.or.jp>
uid Makoto Matsushita <matusita@FreeBSD.org>
uid Makoto Matsushita <matusita@jp.FreeBSD.ORG>
uid Makoto Matsushita <matusita@ist.osaka-u.ac.jp>
sub 1024g/F1F3C94D 1999-04-18

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3.252. Martin Matuska <mm@FreeBSD.org >

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pub 1024D/4261B0D1 2007-02-05
    Key fingerprint = 17C4 3F32 B3DE 3ED7 E84E 5592 A76B 8B03 4261 B0D1
uid                               Martin Matuska <martin@matuska.org>
uid                               Martin Matuska <mm@FreeBSD.org>
uid                               Martin Matuska <martin.matuska@wu-wien.ac.at>
sub 2048g/3AC9A5A6 2007-02-05
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3.253. Sergey Matveychuk <sem@FreeBSD.org>

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pub 1024D/B71F605D 1999-10-13
    Key fingerprint = 4704 F374 DB28 BEC6 51C8 1322 4DC9 4BD8 6
B71F 605D
uid Sergey Matveychuk <sem@FreeBSD.org>
uid Sergey Matveychuk <sem@ciam.ru>
uid Sergey Matveychuk <sem@core.inec.ru>
sub 2048g/DEAF9D91 1999-10-13
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3.254. Stephen McConnell <slm@FreeBSD.org >

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pub 2048R/E523D98C5DCEE9D0 2014-05-13 [expires: 2017-05-12]
Key fingerprint = E5A6 6376 9B87 C35A B41E 1F7B E523 D98C 5DCE E9D0
uid Stephen McConnell <slm@FreeBSD.org>
sub 2048R/0A1BC20E46082DDE 2014-05-13 [expires: 2017-05-12]
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3.255. Tom McLaughlin <tmclaugh@FreeBSD.org >

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pub 1024D/E2F7B3D8 2005-05-24
    Key fingerprint = 7692 B222 8D23 CF94 1993 0138 E339 E225 5
E2F7 B3D8
uid Tom McLaughlin (Personal email address) 5
<tmclaugh@sdf.lonestar.org>
uid Tom McLaughlin (Work email address) 5
<tmclaughlin@meditech.com>
uid Tom McLaughlin (FreeBSD email address) 5
<tmclaugh@FreeBSD.org>
sub 2048g/16838F62 2005-05-24

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3.256. Johannes Meixner <xmj@FreeBSD.org >

OpenPGP Keys

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pub 2048R/FC9E29371B1B0D0B 2014-04-09 [expires: 2017-04-08]
    Key fingerprint = 224E D70A A3AE 3EF1 23B0 CA88 FC9E 2937 3
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uid Johannes Jost Meixner <xmj@chaot.net>
uid Johannes Jost Meixner <xmj@FreeBSD.org>
sub 2048R/A9F0E3193C0C8867 2014-04-09 [expires: 2017-04-08]
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-----END PGP PUBLIC KEY BLOCK-----

3.257. Jean Milanez Melo <jmelo@FreeBSD.org >

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pub 1024D/AA5114BF 2006-03-03
    Key fingerprint = 826D C2AA 6CF2 E29A EBE7 4776 D38A AB83 3
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uid          Jean Milanez Melo <jmelo@FreeBSD.org>
uid          Jean Milanez Melo <jmelo@freebsdbrasil.com.br>
sub 4096g/E9E1CBD9 2006-03-03
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3.258. Julio Merino <jmmv@FreeBSD.org >

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pub 1024D/B889BD5041AD5625 2004-01-01
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OpenPGP Keys

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uid          Julio Merino <jmmv@julipedia.org>
uid          Julio M. Merino Vidal <jmmv84@gmail.com>
uid          Julio M. Merino Vidal <jmmv@NetBSD.org>
uid          Julio Merino <jmmv@NetBSD.org>
uid          Julio Merino <julio@meroh.net>
uid          Julio Merino <jmmv@FreeBSD.org>
sub 2048g/91A5E9E695283F9C 2004-01-01
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-----END PGP PUBLIC KEY BLOCK-----
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3.260. Kenneth D. Merry <ken@FreeBSD.org >

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pub 1024D/54C745B5 2000-05-15 Kenneth D. Merry <ken@FreeBSD.org>
    Key fingerprint = D25E EBC5 F17A 9E52 84B4 BF14 9248 F0DA 5
54C7 45B5
uid                               Kenneth D. Merry <ken@kdm.org>
sub 2048g/89D0F797 2000-05-15

pub 1024R/2FA0A505 1995-10-30 Kenneth D. Merry <ken@plutotech.com>
    Key fingerprint = FD FA 85 85 95 C4 8E E8 98 1A CA 18 56 F0 5
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.261. Mark Murray <markm@FreeBSD.org >

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pub 1024R/8A13A2CD 1995-08-08
Key fingerprint = 80 36 6E 40 83 D6 8A 36 BC 06 EA 0E 7A F2 0
CE CE
uid Mark Murray <mark@grondar.org>
uid Mark Murray <markm@iafrica.com>
uid Mark Murray <mark@grondar.za>
uid Mark Murray <markm@freebsd.org>

pub 1024D/FB57D793 2000-01-20
Key fingerprint = 3FB6 3D12 0CF0 611F 0441 CD18 CD0B 8A35 0
FB57 D793
uid Mark R V Murray <mark@grondar.org>
uid Mark R V Murray <mark@grondar.za>
uid Mark R V Murray <markm@uunet.co.za>
uid Mark R V Murray <markm@freebsd.org>
sub 2048g/EB82BBFC 2000-01-20

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Comment: GPGTools - http://gpgtools.org

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3.262. Dirk Meyer <dinoex@FreeBSD.org >

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-----END PGP PUBLIC KEY BLOCK-----

```

3.263. Yoshiro Sanpei MIHIRA <sanpei@FreeBSD.org>

```

pub 1024R/391C5D69 1996-11-21 sanpei@SEAPLE.ICC.NE.JP
Key fingerprint = EC 04 30 24 B0 6C 1E 63 5F 5D 25 59 3E 83 0
64 51
uid MIHIRA Yoshiro <sanpei@sanpei.org>
uid Yoshiro MIHIRA <sanpei@FreeBSD.org>
uid MIHIRA Yoshiro <sanpei@yy.cs.keio.ac.jp>
jp>
uid MIHIRA Yoshiro <sanpei@cc.keio.ac.jp>
uid MIHIRA Yoshiro <sanpei@educ.cc.keio.ac.jp>
ac.jp>
uid MIHIRA Yoshiro <sanpei@st.keio.ac.jp>

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see <http://www.gnupg.org>

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3.264. Robert Millan <rmh@FreeBSD.org >

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uid Robert Millan <rmh@debian.org>
uid Robert Millan <rmh@freebsd.org>
uid Robert Millan <rmh@gnu.org>
sub 4096R/65A0A9CE 2009-08-14
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Version: GnuPG v1.4.10 (GNU/kFreeBSD)
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OpenPGP Keys

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3.265. Stephen Montgomery-Smith <stephen@FreeBSD.org >

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pub 2048R/9A92D807 2011-06-14
Key fingerprint = 2B61 D82E 168E F08B 6E08 712E 2DF1 2BD1 9A92 D807
uid Stephen Montgomery-Smith <stephen@freebsd.org>
sub 2048R/A4BA6560 2011-06-14
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3.266. Marcel Moolenaar <marcel@FreeBSD.org>

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pub 4096R/875AF2DF1FD2D8E3 2012-11-17
    Key fingerprint = 745F 456E AE8D 07DB 07C0 998B 875A F2DF 1FD2 D8E3
uid                               Marcel Moolenaar <marcel@xcllnt.net>
uid                               Marcel Moolenaar <marcel@FreeBSD.org>
sub 4096R/8B35277B73BDD377 2012-11-17

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3.267. Kris Moore <kmoore@FreeBSD.org >

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pub 1024D/6294612C 2009-05-26
    Key fingerprint = 8B70 9876 346F 1F97 5687 6950 4C92 D789 6294 612C
uid                               Kris Moore <kmoore@freebsd.org>
sub 2048g/A7FFE8FB 2009-05-26
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3.268. Dmitry Morozovsky <marck@FreeBSD.org >

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-----END PGP PUBLIC KEY BLOCK-----

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3.269. Alexander Motin <mav@FreeBSD.org >

```

pub 2048R/8318C3955BAB227F 2014-07-02 ㉿
[&#1075;&#1086;&#1076;&#1077;&#1085; &#1076;&#1086;: 2017-07-01]
&#1054;&#1090;&#1087;&#1077;&#1095;&#1072;&#1090;&#1086;&#1082; ㉿
&#1082;&#1083;&#1102;&#1095;&#1072; = E98C F3C4 E69C C3CD 0E57 ㉿
9D55 8318 C395 5BAB 227F
uid Alexander Motin <mav@FreeBSD.org>
uid Alexander Motin <mav@ixsystems.com>
uid Alexander Motin <mav@mavhome.dp.ua>
uid Alexander Motin <mavbsd@gmail.com>
sub 2048R/0644E1A545DBCC15 2014-07-02 ㉿
[&#1075;&#1086;&#1076;&#1077;&#1085; &#1076;&#1086;: 2017-07-01]

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-----END PGP PUBLIC KEY BLOCK-----
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3.270. Felippe de Meirelles Motta <lippe@FreeBSD.org >

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pub 1024D/F2CF7DAE 2008-09-02 [expires: 2010-09-02]
Key fingerprint = 0532 A900 286D DAFD 099D 394D 231B AF20 3
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uid Felippe de Meirelles Motta (FreeBSD Ports
Committer) <lippe@FreeBSD.org>
sub 2048g/38E8EEF3 2008-09-02 [expires: 2010-09-02]
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-----END PGP PUBLIC KEY BLOCK-----
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3.271. Rich Murphey <rich@FreeBSD.org>

```
pub 1024R/583443A9 1995-03-31 Rich Murphey <rich@lamprey.utmb.edu>
Key fingerprint = AF A0 60 C4 84 D6 0C 73 D1 EF C0 E9 9D 21 0
DB E4
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----
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3.272. Akinori MUSHA <knu@FreeBSD.org >

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pub 1024D/9FD9E1EE 2000-03-21 Akinori MUSHA <knu@and.or.jp>
    Key fingerprint = 081D 099C 1705 861D 4B70 B04A 920B EFC7 9
9FD9 E1EE
uid                               Akinori MUSHA <knu@FreeBSD.org>
uid                               Akinori MUSHA <knu@idaemons.org>
uid                               Akinori MUSHA <knu@ruby-lang.org>
sub 1024g/71BA9D45 2000-03-21
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----
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3.273. Thomas Möstl <tmm@FreeBSD.org >

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pub 1024D/419C776C 2000-11-28 Thomas Moestl <tmm@FreeBSD.org>
    Key fingerprint = 1C97 A604 2BD0 E492 51D0 9C0F 1FE6 4F1D 9
419C 776C
uid                               Thomas Moestl <tmoestl@gmx.net>
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uid                               Thomas Moestl <t.moestl@tu-bs.de>
sub  2048g/ECE63CE6 2000-11-28
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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iTU0IrkuiF1biRxbqiY0887GBA/8QiEYEGBECAAYFAjoj/wkACGkQH+ZPHUGcd2xN
TACgkS0AGqqd2nLtWhpbE72tD660tv8AoI24cRkUa2op32mti5zFLLMsM4AZ
=76WN
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

3.274. Masafumi NAKANE <max@FreeBSD.org >

```
pub  1024D/CE356B59 2000-02-19 Masafumi NAKANE <max@wide.ad.jp>
    Key fingerprint = EB40 BCAB 4CE5 0764 9942  378C 9596 159E  ♂
CE35 6B59
uid                               Masafumi NAKANE <max@FreeBSD.org>
uid                               Masafumi NAKANE <max@accessibility.♂
org>
uid                               Masafumi NAKANE <kd5pdi@qsl.net>
sub  1024g/FA9BD48B 2000-02-19
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.2 (FreeBSD)

mQGibDiuMYURBACEgL3d4mL0pojuggj8TZFEQef+MKkXB3lazrqV2ahgWqt6K24qr
5fZrGkI8vxmYR4vKI1eLfe0Q4LoBZifL5nJYEvMvWPmdLuYjp4iwiwgBdzLnwr59+
k8+T/fohGD0qx45voCdq68JmXg283zFGQ4FChMP3ZML0PmFRip01C84xxwCguNFG
BVPeuM0y7JH0ucRygUqc4acd/jfe/UEjGBWxOCfZYOnXEp4NXWis3xRyUD03cuoG
8M8Memg0dX0onFuNu5yrEBFtzPw2G06DMM8h5hJXdsWkiyusn05PGk/jVSP9/MD5
TYyqKL1tG/fkUgtevZ5i7o1x/N0bgIBqmd30Cqx29p7juVV+SbKcCRT1ql0z6fc
a5B6A/wJD5n3H0AStsWpZ6To/Apdb4A3PD4+ePfQxSICsHCfG/M04FkrG48So2qc
7dSq6UH3xLsoiRIUonwCQsT+PaQQMrZNKjfal9xlEFfw1TV/squ+0NE8E24Lkzxt
8Kkn86Ec5uiUlRuLSMG9HJuwM+9Qu7TF76FWP8llVp6ELkYcGRqhtWfzYwZ1bWkg
TkFLQU5FIDxtYXhARnJLZUJTRC5vcmc+iFceExECABcFAjv4RDQFCwcKAWQDFQMC
AxYCAQIXgAAKRCRCVlhWezjVrWUEIAKCGwVSawCg1Lzrbf8uZdMAfe0WFXQCd7EF
tsdhbEV62A0uEQQWP r9de100J01hc2FmdW1pIE5BS0F0RSA8bWF40GFjY2Vzc2li
aWxpdkhKub3JnPohXBBMRagAXBQI7+ERfBQsHCgMEAxUDAgMWAQECF4AACgkQLZYV
ns41a1lUuwCgsIhWJdtPBebkV6w+NQ/8jlkJgrwAnj9lZkiTAgllE/vcF7yPbY7f
HlHetCBNYXNhZnVtaSB0QUtBTkUgPGtkNXBkaUBxc2wubmV0PohXBBMRagAXBQI7
+ESBBQsHCgMEAxUDAgMWAQECF4AACgkQLZYVns41a1nV1ACggYgtKhaprmMs30oz
yoC0NatFJ44A0I0XSPH2G9zHEjF8AyAe6sVCLqvtCBNYXNhZnVtaSB0QUtBTkUg
PG1heEB3awRLLmFkLmpwPohXBBMRagAXBQI7+EljBQsHCgMEAxUDAgMWAQECF4AA
CgkQLZYVns41a1lYRwCcC8l4PdrwHKNrZLTW6vod6kYgR3YAni8iLUZWS5e6nTH9
WuN0XYPpZRG5uQENBDiuMdYQBADVzBBn5+1UQVCLS5ly6eCD3TidT/uJAR+eeiWZ
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BgUCOK4x1gAKCRCVlhWezjVrWUlcAJ467I5lFNlkwCENE5vND+DPaWyreQCfdd0u
6Va2/bf7Ln4TKyl17uRro7Y=
=VmY5
-----END PGP PUBLIC KEY BLOCK-----
```

3.275. Maho Nakata <maho@FreeBSD.org >

```
pub 1024D/F28B4069 2009-02-09
Key fingerprint = 3FE4 99A9 6F41 8161 4F5F 240C 8615 A60C 5
F28B 4069
uid Maho NAKATA (NAKATA's FreeBSD.org alias) 5
<maho@FreeBSD.org>
sub 2048g/6B49098E 2009-02-09
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----

mQGibEmPtPKrBADEcSQQGME+Df6I9jnJUBNMxvX8aMAH0+SKJEn0xTZvu9WLQmJv
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qDwWlJ9TsUn/pDsBflPFfe57okBlPgSywTLGLuur0aT7oda6Z2K0F0iALVwCgn/b2
7R19gm0uKjzsEpejafW6LZMD+wQK4qETffrdqRoVRnzpTa+xa60kQxxsIeibffy
dovqH7HIWeqiqDwls17zmbMc7auNliYn7VJ1bQ2C5SkojMUqqEsVle/8gfe0cWhS
2jJ8A3Xg+/IzYw+TtlWqUkzx/b1Ck8v/9aRmL+tNo90dC8H9Nu1onF3Cp0WqsiN
gwNHA/4+8w5D5gouNwfuYkzkoZQ2jIFJ4zhe0Gcb2MIrqrKf0N40N0cYFLi4eJ8F
```

```
W1DADQbQj fMMLYAkNm7MBpnsagTqjS9MniPVygyUURE/xMx0tSzsVdGdRSjEY/5U
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VEEgKE5BS0FUQSDzIEZYWVCU0Qub3JnIGFsaWfZKSA8bWfob0BGcmVlQLNELm9y
Zz6IYAQTEQIAIAUCSY+0+QIbAwYLCQgHAWIEFQIIAWQWAgMBAh4BAheAAoJEIYV
pgzyi0Bpf4UAnj0qrSHlb4NdW+uLVFu3o8W1hbTKAJwIdn91S2W9V3ueKsbFqq62
8dPYSbkCDQRJj7T5EAgAuaHr5IuEXaxoUcoZryGZweRs+G20h+jSMiVMAVBGMZJ1
iov7vSypm1EF6/c030+rn+Zcpuf4XKPP3TK1oKwLIYRgdkvTWwzVc/PGWRHDr6/S
fo1B8/jr9tWw50p+s+KZoMPV/Rdz84AN8bNZVAMxNWxooYrGmXmVedG3rX8KZW57
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whiTQkiVgB014EDhR7IoljZQJwpJqWC6HCwED08In20/fI4JX3XiPbUzYsmQSpd0
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=Rtch
-----END PGP PUBLIC KEY BLOCK-----
```

3.276. Yoichi NAKAYAMA <yoichi@FreeBSD.org >

```
pub 1024D/E0788E46 2000-12-28 Yoichi NAKAYAMA <yoichi@assist.media.σ
nagoya-u.ac.jp>
    Key fingerprint = 1550 2662 46B3 096C 0460 BC03 800D 0C8A σ
E078 8E46
uid                               Yoichi NAKAYAMA <yoichi@eken.phys.σ
nagoya-u.ac.jp>
uid                               Yoichi NAKAYAMA <yoichi@FreeBSD.org>
sub 1024g/B987A394 2000-12-28
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (GNU/Linux)
Comment: KUHASIKU WA http://www.gnupg.org/ WO GORANKUDASAI

mQGIBDpK8uIRBACY5sWfQXiqzDl01k/syoFoiFIFl/Dp+QmwK2oovIvlBVo/1gbx
EhXrKRrfC67KSxxdUsgN290v/VVTmq80py1/RF+RADxM3JrUfKcm5+IBWbSUFxFP
i80XBVgh7wNENvtwD52F+0CFIWZxkClaiF4DGkf38V6LJ6hBIycxUNdQwCggXTT
Kj5SP2hFC0ueyQtPdoJEgbeD/0bPL9R08io82IQqs0R9Iuy00dFJkLVWLnolLEY
LGjXa/AHgE8L8oWU/2eFlWM4JrtVRdcKe0Ja2e9LuH6IonGAdwqUeeA0wA/RdGj3
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W0slX4cLou2TEhV3Bhb/4npsdaY0BzYgL7V1YggCv0Pu1s2D53Nzi30V66SRP0BZ
0LNTA88WdMfoF3ttb04swSenG9X8dbpyYEdlvxNbbKkBuIB0RQxWw9pY2hpIE5B
S0FZQU1BIDx5b2ljaGLAZWtlbi5waHlzLm5hZ295YS11LmFjLmpwPohXBBMRAGAx
BQI6SvLiBQsHCgMEAXUDAgMwAgECF4AACgkQgA0MiuB4jkZz3wCeIi857V2zyRA7
gRVsx+DcoCLec3YAn2G3gFd+v14iZHxRPaqpd1gSjjayiEYEEHECAAYFAj2pty0A
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dy40SxBG/qELtCRZb2ljaGkgTkFLQVLBTUEgPHLvaWNoaUBGcmVlQLNELm9yZz6I
VwQTEQIAFwUCpai4HwULBwoDBAMVAwIDFgIBAheAAoJEIANDIrgeI5GKx0An1kh
```

```
KzDAfR7Fzba/V7DHq2BRLcRQAJ9nZFgBncerxFMYAanwJruIYtPnJYhGBBIRAgAg
BQI9qbcxAAoJEBcF0Q7mbJuwe4kAn1E2VVFpLajGFYgipCmMgpxRXPmxAKCUa/ee
BEW5LPNf8xhaeIGlAtPZm7Q0Ww9pY2hpIE5BS0FZQU1BIDx5b2lJaGLAYXNzaXN0
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FAz1ejp4QEwsAGQ/pchjb+S+iYvNq0VfzkZPqFFllLmaQc9mo6blgGgSEqLnpba6
gDmVTJZ5jAhVxFBhRPwchSdPP3ewVRWIRgQYEQIABgUC0kry8QAKRCRADQyK4Hi0
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=NZ/b
-----END PGP PUBLIC KEY BLOCK-----
```

3.277. Edward Tomasz Napierala <trasz@FreeBSD.org >

```
pub 1024D/8E53F00E 2007-04-13
Key fingerprint = DD8F 91B0 12D9 6237 42D9 DBE1 AFC8 CDE9 8E53 F00E
uid Edward Tomasz Napierala <trasz@FreeBSD.org>
sub 2048g/7C1F5D67 2007-04-13
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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mQGibEYftV8RBADcVrH6fWX1XI43cTrdJBctC0xf9jZ6eedmhajkPMRhg7b0JPPL
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31EX1Am9d8k+cKUK8tPMNuWM8+ZYjXTJppLg20pIPBRwvmRR/hrHDhMvbwCglDGC
ZfTHYkv36MFnkPHJH4iaQIKkEAKoy+bcy0iJK0iuAx5KeF3CxP53Nd4sbsHKcbibP
0sWJKUHP1Vtts6bUvM6RH+zUH0eWpXmgNvZTsvmoLU/E0I80BN5ngd0wV7oqeAk
V03iltsBGIEv5B0xxYDyQBuo52LV5CGZ7F65o1jGF8LWfZbtPh02gTmhYymmLeV
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WY0caZ3PiBCxbMyMeW4An2regIquPmK4ZyrJkfxGd7BmmgGkuQINBEYftV8QCACv
/cPnRLjvnyJdozvbzoBqC4m2sAmBCLDV9cRtIGXu//ULZ0CnDmEByfp7W2Aqlm4a
+WnDBLbKaP4td0uwvly3m2hNH3DS/7/aBaDYhPUeetmIP3GZrelGLQHqe1ldJuwD
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fPaSew66982uu86IGIZPREfKSYouLuuHPUwrGRbcwyeIL5y/0i6Eyxi3JuuPHCYSa
a0jX5VQ8Gn3P3SukTdK+rWajQMLzjbdaZknB/GerDEC6ND3eqdmQa/PdnkGVwHeI
S17IutKHDcsxDqS3gak7AAMGCACJtwmr70Sqn0xtHugDB0G4tAEN+poeo19zfEnE
A1nZImvDNLUoX11YZRLHcc9nz2V7HIzTacNL8ue5DenmtSs72S3zHM/DnIhXjx8r
hBFrSw/ddyB80LLcC/NhRcl3U6sof4nzYuiPKgr7evAeoZqWpHiYcuag0ZRRH5Jv
4Yh3R8zFYAg2NSks2Q3CCX4c0vs1boZ1f2x4Q0hxTpsDkjJxGPJ80EAR7W5BjDOY
KZBL9+02bzJKn0cbrtRkbylGZAQCxX9DoZDGHSCqaUBZMJZzWauW6xcwd4s91pMQ
MVG1u5WwHvZ10Eo1Cg3Y9Q5yehMKkcLwyuBj2zP+ijlkiBuFhiEkeGBECAAKFAKYf
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Me0HsJ51PEblZGwvjW0k
=hc/r
-----END PGP PUBLIC KEY BLOCK-----
```

3.278. David Naylor <dbn@FreeBSD.org>

```
pub 4096R/35C84A0DEC1D97CD 2014-03-06 [expires: 2019-03-05]
Key fingerprint = A372 D3E1 D587 2D99 A5FF F243 35C8 4A0D 5
EC1D 97CD
uid David Naylor (Private) <naylor.b.5
david@gmail.com>
uid David Naylor (FreeBSD) <dbn@freebsd.org>
sub 4096R/AD63FA8DD6B2DA55 2014-03-06 [expires: 2015-03-06]
Key fingerprint = 948E C511 A27F 0302 E799 B53A AD63 FA8D 5
D6B2 DA55
sub 4096R/88D62359F19D95D0 2014-03-06 [expires: 2015-03-06]
Key fingerprint = A198 8E3A 1A14 66C7 ADE2 13F2 88D6 2359 5
F19D 95D0
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQINBFMYhdABEAC1SwaY7iY/RjoBR2i+hYYvBVrqEicU7X6H2ywmMfD/uL5R02Kc
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RZgyQzpkAYvyoFfVYpKtxCU58cWc8K/qGuAtGu+RLSGv1aem0TdzclpEcozGJ0xj
DrTgpULfPRsHt/IqwYFwnbuabN4Q1ft7IUHodPZD7bosSkM6wLPf+egNeCphdLFs
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FNmY6oD1JE/E8zF97V7Zt2mu3tMG0L94aPUeXuTsH8ZQ1k1zuJgjrF0be+heXWds
DUiTskh87YRGf6zJYeHkBNLBBIshKtm8Gwy+HZtEmMvDny6/i3HPmljAIXBG/Mb
ztJ9G0NpQY13QU4khEz+iCvKLWvPTfQajTXw0fcBcN5RGyXKH/DFCkxREqMmdfy
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W67QiQJABMBcGaqAhsDBQkJZgGABQsJCAcDBRUKCQgLBRYDAgEAAh4BAheABQJT
GI6AhkBAoJEDXISg3sHZfNPzkP/ieBtbl/f/VYcCvtQeujrtokCGTBIV0xMRp7
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RA7Ryv6xJa59NkmFKbkqxXnY0rMKwz8vPtZSQjC8bahNiaRx9CmG1to9XtqSyGi/
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LALdrJkVJ3PL/EE9K7fmBBcB8LJlQYZaFpRcU20bcmfVwF72FrhL9bM+LewBLmC0
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-----END PGP PUBLIC KEY BLOCK-----
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3.279. Alexander Nedotsukov <bland@FreeBSD.org>

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pub 1024D/D004116C 2003-08-14 Alexander Nedotsukov <bland@FreeBSD.org>
Key fingerprint = 35E2 5020 55FC 2071 4ADD 1A4A 86B6 8A5D 0
D004 116C
sub 1024g/1CCA8D46 2003-08-14
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-----END PGP PUBLIC KEY BLOCK-----
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3.280. George V. Neville-Neil <gnn@FreeBSD.org >

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pub 1024D/440A33D2 2002-09-17
    Key fingerprint = AF66 410F CC8D 1FC9 17DB 6225 61D8 76C1 440A 33D2
uid                               George V. Neville-Neil <gnn@freebsd.org>
uid                               George V. Neville-Neil <gnn@neville-neil.com>
sub 2048g/95A74F6E 2002-09-17
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-----END PGP PUBLIC KEY BLOCK-----
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3.281. Simon L. B. Nielsen <simon@FreeBSD.org>

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pub 1024D/FF7490AB 2007-01-14
    Key fingerprint = 4E92 BA8D E45E 85E2 0380 B264 049C 7480 5
FF74 90AB
uid Simon L. Nielsen <simon@FreeBSD.org>
uid Simon L. Nielsen <simon@nitro.dk>
sub 2048g/E3F5A76E 2007-01-14
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-----END PGP PUBLIC KEY BLOCK-----
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3.282. Robert Noland <rnoLand@FreeBSD.org>

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pub 1024D/8A9F44E3 2007-07-24
    Key fingerprint = 107A 0C87 E9D0 E581 677B 2A28 3384 EB43 8A9F 44E3
uid Robert C. Noland III <rnoland@FreeBSD.org>
uid Robert C. Noland III (Personal Key) ǂ
<rnoland@2hip.net>
sub 2048g/76C3CF00 2007-07-24
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3.283. Anders Nordby <anders@FreeBSD.org >

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pub 1024D/00835956 2000-08-13 Anders Nordby <anders@fix.no>
    Key fingerprint = 1E0F C53C D8DF 6A8F EAAD 19C5 D12A BC9F 0083 5956
uid Anders Nordby <anders@FreeBSD.org>
sub 2048g/4B160901 2000-08-13
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----

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3.284. Michael Nottebrock <lofi@FreeBSD.org >

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pub 1024D/6B2974B0 2002-06-06 Michael Nottebrock ✕
<michaelnottebrock@gmx.net>
Key fingerprint = 1079 3C72 0726 F300 B8EC 60F9 5E17 3AF1 ✕
6B29 74B0
uid Michael Nottebrock <lofi@freebsd.org>
uid Michael Nottebrock <lofi@tigress.com>
uid Michael Nottebrock <lofi@lofi.dyndns.org>
uid Michael Nottebrock ✕
<michaelnottebrock@web.de>
uid Michael Nottebrock ✕
<michaelnottebrock@meitner.wh.uni-dortmund.de>
sub 1024g/EF652E04 2002-06-06 [expires: 2004-06-15]

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-----END PGP PUBLIC KEY BLOCK-----
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3.285. David O'Brien <obrien@FreeBSD.org>

```
pub 1024R/34F9F9D5 1995-04-23 David E. O'Brien <defunct - ɔ
obrien@Sea.Legent.com>
    Key fingerprint = B7 4D 3E E9 11 39 5F A3 90 76 5D 69 58 D9 ɔ
98 7A
uid          David E. O'Brien <obrien@NUXI.com>
uid          deobrien@ucdavis.edu
uid          David E. O'Brien <whois Do38>
uid          David E. O'Brien <obrien@FreeBSD.org>
uid          David E. O'Brien <dobrien@seas.gwu.ɔ
edu>
uid          David E. O'Brien <obrien@cs.ucdavis.ɔ
edu>
uid          David E. O'Brien <defunct - ɔ
obrien@media.sra.com>
uid          David E. O'Brien <obrien@elsewhere.ɔ
roanoke.va.us>
uid          David E. O'Brien <obrien@Nuxi.com>

pub 1024D/7F9A9BA2 1998-06-10 "David E. O'Brien" <obrien@cs.ɔ
ucdavis.edu>
    Key fingerprint = 02FD 495F D03C 9AF2 5DB7 F496 6FC8 DABD ɔ
7F9A 9BA2
uid          "David E. O'Brien" <obrien@NUXI.com>
uid          "David E. O'Brien" <obrien@FreeBSD.ɔ
org>
sub 3072g/BA32C20D 1998-06-10
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Version: GnuPG v1.0.6 (FreeBSD)

Comment: For info see <http://www.gnupg.org>

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3.286. Jimmy Olgeni <olgeni@FreeBSD.org >

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3.287. Philip Paeps <philip@FreeBSD.org>

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uid Philip Paeps <philip@paeps.cx>  
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3.288. Josh Paetzel <jpaetzel@FreeBSD.org >

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uid          Josh Paetzel <josh@tcbug.org>
uid          Josh Paetzel <josh@ixsystems.com>
uid          Josh Paetzel <jpaetzel@FreeBSD.org>
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3.289. Gábor Páli <pgj@FreeBSD.org >

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OpenPGP Keys

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uid                Gabor Pali (FreeBSD committer) <pgj@FreeBSD.org>
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3.290. Hiren Panchasara <hiren@FreeBSD.org>

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pub 2048R/8B9250E1563EDFE5 2014-05-13 [expires: 2017-05-12]
Key fingerprint = A4E2 0FA1 D878 8F3F 17E6 6F02 8B92 50E1 563E DFE5
uid hiren panchasara <hiren@freebsd.org>
sub 2048R/EAF1BEDEBEEA242B 2014-05-13 [expires: 2017-05-12]
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3.291. Hiten Pandya <hmp@FreeBSD.org >

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pub 1024D/938CAC8 2004-02-13 Hiten Pandya (FreeBSD) <hmp@FreeBSD.org>
Key fingerprint = 84EB C75E C75A 50ED 304E E446 D974 7842 938C ACA8
uid Hiten Pandya <hmp@backplane.com>
sub 2048g/783874B5 2004-02-13
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3.292. Dima Panov <fluffy@FreeBSD.org>

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pub 1024D/93E3B018 2006-11-08
    Key fingerprint = C73E 2B72 1FFD 61BD E206 1234 A626 76ED 93E3 B018
uid <fluffy@FreeBSD.ORG> Dima Panov (FreeBSD.ORG Committer)
uid Dima Panov (at home) <Fluffy@Fluffy.Khv.RU>
uid Dima Panov (at home) <fluffy.khv@gmail.com>
sub 2048g/89047419 2006-11-08

pub 4096R/D5398F29 2009-08-09
    Key fingerprint = 2D30 2CCB 9984 130C 6F87 BAFC FB8B A09D D539 8F29
uid <fluffy@FreeBSD.ORG> Dima Panov (FreeBSD.ORG Committer)
uid Dima Panov (at Home) <fluffy@Fluffy.Khv.RU>
uid Dima Panov (at GMail) <fluffy.khv@gmail.com>
sub 4096R/915A7785 2009-08-09

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3.293. Andrew Pantyukhin <sat@FreeBSD.org >

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pub 1024D/6F38A569 2006-05-06
Key fingerprint = 4E94 994A C2EF CB86 C144 3B04 3381 67C0 6F38 A569
uid Andrew Pantyukhin <infofarmer@gubkin.ru>
uid Andrew Pantyukhin <sat@FreeBSD.org>
uid Andrew Pantyukhin <infofarmer@gmail.com>
uid Andrew Pantyukhin <infofarmer@mail.ru>
sub 2048g/5BD4D469 2006-05-06
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-----END PGP PUBLIC KEY BLOCK-----
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3.294. Navdeep Parhar <np@FreeBSD.org >

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pub 1024D/ACAB8812 2009-06-08
Key fingerprint = C897 7AFB AFC0 4DA9 7B76 D991 CAB2 2B93
ACAB 8812
uid Navdeep Parhar <np@FreeBSD.org>
sub 2048g/AB61D2DC 2009-06-08
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3.295. Roger Pau Monné <royger@FreeBSD.org >

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pub 2048R/A5D976A532BA64C0 2012-07-10
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uid                               Roger Pau Monné <royger.pau@citrix.com>
uid                               Roger Pau Monné <royger@NetBSD.org>
uid                               Roger Pau Monné <royger.pau@entele.upc.edu>
uid                               Roger Pau Monné <royger@FreeBSD.org>
uid                               Roger Pau Monne (NetBSD) <royger.pau@citrix.com>
sub 2048R/6927D92634ED085B 2012-07-10
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-----END PGP PUBLIC KEY BLOCK-----
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3.296. Rui Paulo <rpaulo@FreeBSD.org>

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pub 4096R/39CB4153 2010-02-03
Key fingerprint = ABE8 8465 DE8F F04D E9C8 3FF6 AF89 B2E6 39CB 4153
uid Rui Paulo <rpaulo@FreeBSD.org>
uid Rui Paulo <rpaulo@gmail.com>
sub 4096R/F87D2F34 2010-02-03
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3.297. Jean-Sébastien Pédron <dumbell@FreeBSD.org >

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uid Jean-Sébastien Pédron <jean-sebastien.pedron@dumbell.fr>
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3.298. Mark Peek <mp@FreeBSD.org >

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pub 1024D/330D4D01 2002-01-27 Mark Peek <mp@FreeBSD.org>
Key fingerprint = 510C 96EE B4FB 1B0A 2CF8 A0AF 74B0 0B0E 0
330D 4D01
sub 1024g/9C6CAC09 2002-01-27
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.299. Peter Pentchev <roam@FreeBSD.org >

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pub 1024D/16194553 2002-02-01
    Key fingerprint = FD8A FD79 C26F 3C51 C95E DF9E ED18 B68D 0
1619 4553
uid Peter Pentchev <roam@ringlet.net>
uid Peter Pentchev <roam@cnsys.bg>
uid Peter Pentchev <roam@sbnd.net>
uid Peter Pentchev <roam@online.bg>
uid Peter Pentchev <roam@orbitel.bg>
uid Peter Pentchev <roam@FreeBSD.org>
uid Peter Pentchev <roam@techlab.office1.bg>
uid Peter Pentchev <roam@hoster.bg>
uid Peter Pentchev <roam@space.bg>
sub 1024g/7074473C 2002-02-01

pub 4096R/2527DF13 2009-10-16
    Key fingerprint = 2EE7 A7A5 17FC 124C F115 C354 651E EFB0 0
2527 DF13
uid Peter Pentchev <roam@ringlet.net>
uid Peter Pentchev <roamer@users.sourceforge.net>
uid Peter Pentchev <roam@cpan.org>
uid Peter Pentchev <roam@cnsys.bg>
uid Peter Pentchev <roam@sbnd.net>
uid Peter Pentchev <roam@online.bg>
uid Peter Pentchev <roam@orbitel.bg>
uid Peter Pentchev <roam@FreeBSD.org>
uid Peter Pentchev <roam@techlab.office1.bg>
uid Peter Pentchev <roam@hoster.bg>
uid Peter Pentchev <roam@space.bg>
uid Peter Pentchev <roam-guest@alioth.debian.org>
uid Peter Pentchev <ppentchev@alumni.princeton.edu>
sub 4096R/D0B337AA 2009-10-16

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OpenPGP Keys

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-----END PGP PUBLIC KEY BLOCK-----
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3.300. Denis Peplin <den@FreeBSD.org >

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pub 1024D/485DDDF5 2003-09-11 Denis Peplin <den@FreeBSD.org>  
Key fingerprint = 495D 158C 8EC9 C2C1 80F5 EA96 6F72 7C1C 0  
485D DDF5  
sub 1024g/E70BA158 2003-09-11
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-----END PGP PUBLIC KEY BLOCK-----
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3.301. Christian S.J. Peron <csjpf@FreeBSD.org >

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pub 1024D/033FA33C 2009-05-16  
Key fingerprint = 74AA 6040 89A7 936E D970 DDC0 CC71 6954 0  
033F A33C  
uid Christian S.J. Peron <csjpf@FreeBSD.ORG>  
sub 2048g/856B194A 2009-05-16
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-----END PGP PUBLIC KEY BLOCK-----

```

3.302. Gerald Pfeifer <gerald@FreeBSD.org>

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pub 1024D/A5B3A004745C015A 1999-11-09
Key fingerprint = B215 C163 3BCA 0477 615F 1B35 A5B3 A004 745C 015A
uid Gerald Pfeifer <gerald@pfeifer.com>
uid Gerald Pfeifer <gp@suse.com>
uid Gerald Pfeifer <gp@novell.com>
uid Gerald Pfeifer <gerald@FreeBSD.org>
sub 1536g/00EAD7F3F0156927 1999-11-09

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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3.303. Giuseppe Pilichi <jacula@FreeBSD.org>

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3.304. John Polstra <jdp@FreeBSD.org >

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pub 1024R/BFBCF449 1997-02-14 John D. Polstra <jdp@polstra.com>
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3.305. Kirill Ponomarew <krion@FreeBSD.org >

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6MX0tw==
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-----END PGP PUBLIC KEY BLOCK-----
```

3.306. Stephane E. Potvin <sepotvin@FreeBSD.org >

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pub 1024D/3097FE7B 2002-08-06
Key fingerprint = 6B56 62FA ADE1 6F46 BB62 8B1C 99D3 97B5 3097 FE7B
uid Stephane E. Potvin <sepotvin@videotron.ca>
uid Stephane E. Potvin <stephane.
potvin@telcobridges.com>
```

```
uid          Stephane E. Potvin <  
<stephane_potvin@telcobridges.com>  
uid          Stephane E. Potvin <sepotvin@FreeBSD.org>  
sub 2048g/0C427BC9 2002-08-06
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-----END PGP PUBLIC KEY BLOCK-----

3.307. Mark Pulford <markp@FreeBSD.org >

```
pub 1024D/182C368F 2000-05-10 Mark Pulford <markp@FreeBSD.org>
```

OpenPGP Keys

```
Key fingerprint = 58C9 C9BF C758 D8D4 7022 8EF5 559F 7F7B 0
182C 368F
uid                               Mark Pulford <mark@kyne.com.au>
sub 2048g/380573E8 2000-05-10
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.308. Alejandro Pulver <alepulver@FreeBSD.org>

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pub 1024D/945C3F61 2005-11-13
Key fingerprint = 085F E8A2 4896 4B19 42A4 4179 895D 3912 0
945C 3F61
uid Alejandro Pulver (Ale's GPG key pair) 0
<alepulver@FreeBSD.org>
uid Alejandro Pulver (Ale's GPG key pair) 0
<alejandro@varnet.biz>
sub 2048g/6890C6CA 2005-11-13
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

3.309. Thomas Quinot <thomas@FreeBSD.org >

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pub 4096R/9495D5E10F2C905E 2014-05-14 [expires: 2018-05-13]
Key fingerprint = 6048 5466 BE2C 284C C140 FFE9 9495 D5E1 ↵
0F2C 905E
uid Thomas Quinot <thomas@quinot.org>
uid Thomas Quinot <thomas@cuivre.fr.eu.org>
uid Thomas Quinot (FreeBSD) ↵
<thomas@freebsd.org>
sub 4096R/DF8E0B5C7CC62EF2 2014-05-14 [expires: 2016-05-13]
sub 4096R/4FC12CCCDF5176B 2014-05-14 [expires: 2016-05-13]
sub 4096R/4B31C02F7F15353F 2014-05-14 [expires: 2016-05-13]
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su0QdIc7gvnYYYJn8JzMKtVAB2crf0Myr0dQ3CMNULJBewFSd7jRxHs1ISIBDRMS

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=tawl
-----END PGP PUBLIC KEY BLOCK-----
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3.310. Herve Quiroz <hq@FreeBSD.org >

```
pub 1024D/85AC8A80 2004-07-22 Herve Quiroz <hq@FreeBSD.org>
    Key fingerprint = 14F5 BC56 D736 102D 41AF A07B 1D97 CE6C 0
85AC 8A80
uid                               Herve Quiroz <herve.quiroz@esil.univ-
mrs.fr>
sub 1024g/8ECCAFED 2004-07-22
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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qZ9t7mIpcpsmpC01Fvfozj fexpJSeLHONKlwHhXXQFdJm6bw3X+kZKUeQwCgut4g
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=Snnnd
-----END PGP PUBLIC KEY BLOCK-----
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3.311. Doug Rabson <dfr@FreeBSD.org >

```
pub 1024D/59F57821 2004-02-07
Key fingerprint = 9451 C4FE 1A7E 117B B95F 1F8F B123 456E 59F5 7821
uid Doug Rabson <dfr@nlsystems.com>
sub 1024g/6207AA32 2004-02-07
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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3.312. Lars Balker Rasmussen <lbr@FreeBSD.org >

```
pub 1024D/9EF6F27F 2006-04-30
Key fingerprint = F251 28B7 897C 293E 04F8 71EE 4697 F477 9EF6 F27F
uid Lars Balker Rasmussen <lbr@FreeBSD.org>
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sub 2048g/A8C1CFD4 2006-04-30

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-----END PGP PUBLIC KEY BLOCK-----

3.313. Chris Rees <crees@FreeBSD.org>

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pub 2048R/1E12E96A 2012-08-26
Key fingerprint = 8C57 BE3B D320 5FFC C4C3 C0B0 900F 45A6 1E12 E96A
uid Chris Rees <crees@FreeBSD.org>
sub 2048R/C10740CD 2012-08-26 [expires: 2013-08-26]
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-----END PGP PUBLIC KEY BLOCK-----
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3.314. Jim Rees <rees@FreeBSD.org >

```
pub 512/B623C791 1995/02/21 Jim Rees <rees@umich.edu>
Key fingerprint = 02 5F 1B 15 B4 6E F1 3E F1 C5 E0 1D 0
EA CC 17 88
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.7 (OpenBSD)
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-----END PGP PUBLIC KEY BLOCK-----
```

3.315. Michael Reifenberger <mr@FreeBSD.org >

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pub 4096R/335E9D48E27A80A0 2013-11-04 [verfällt: 2018-11-03]
    Schl.-Fingerabdruck = 8695 9903 4744 6EF8 E18D 177C 335E 9D48 0
E27A 80A0
uid                               Michael Reifenberger <mr@freebsd.org>
uid                               Michael Reifenberger 0
<mike@reifenberger.com>
sub 4096R/898AF56CFE7CD649 2013-11-04 [verfällt: 2018-11-03]
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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3.316. Benedict Reuschling <bcr@FreeBSD.org>

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pub 2048R/041ADF59DB3C3D8B 2013-12-23 [expires: 2018-12-22]
    Key fingerprint = AC98 CBE5 7865 7295 A5C8 6AB3 041A DF59 3
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uid                               Benedict Reuschling <bcr@FreeBSD.org>
sub 2048R/07BCC4D75C7FCDEC 2013-12-23 [expires: 2018-12-22]
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3.317. Tom Rhodes <trhodes@FreeBSD.org>

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pub 1024D/FB7D88E1 2008-05-07
Key fingerprint = 8279 3100 2DF2 F00E 7FDD AC2C 5776 23AB 0
FB7D 88E1
uid Tom Rhodes (trhodes) <trhodes@FreeBSD.org>
sub 4096g/7B0CD79F 2008-05-07
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Version: GnuPG v2.0.9 (FreeBSD)
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3.318. Benno Rice <benno@FreeBSD.org >

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pub 4096R/B8DAD01271A4B35E 2013-11-23 [expires: 2017-11-23]
    Key fingerprint = 01FE FD73 9E5B 6F14 5FCB 47F5 B8DA D012 71A4 B35E
uid                               Benno Rice <benno@jeamland.net>
uid                               Benno Rice <benno@FreeBSD.org>
sub 4096R/9AE831D60E72927F 2013-11-23 [expires: 2017-11-23]
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Comment: GPGTools - http://gpgtools.org
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3.319. Beech Rintoul <beech@FreeBSD.org >

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pub 2048D/68DFAE1F 2013-02-26
Key fingerprint = D58B 3E9D B0E3 E081 EC6F 69D9 CDA3 51DD 68DF AE1F
uid Beech Rintoul <beech@freebsd.org>
sub 2048g/960F45D9 2013-02-26
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3.320. Matteo Rionato <matteo@FreeBSD.org >

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pub 1024D/1EC56BEC 2003-01-05 [expires: 2009-09-07]
Key fingerprint = F0F3 1B43 035D 65B1 08E9 4D66 D8CA 78A5 3
1EC5 6BEC
uid Matteo Rionato (Rionda) <matteo@FreeBSD.ORG>
uid Matteo Rionato (Rionda) <rionda@riondabsd.net>
uid Matteo Rionato (Rionda) <rionda@gufi.org>
uid Matteo Rionato (Rionda) <matteo@riondato.com>
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sub 2048g/87C44A55 2008-09-23 [expires: 2009-09-23]
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3.321. Ollivier Robert <roberto@FreeBSD.org>

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3.322. Craig Rodrigues <rodrigc@FreeBSD.org >

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pub 1024D/3998479D 2005-05-20
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uid          Craig Rodrigues <rodrigc@freebsd.org>
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3.323. Bartek Rutkowski <robak@FreeBSD.org >

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pub         4096R/280E1199 2013-06-17 [expires: 2017-06-17]
Key fingerprint = D292 1363 AE61 D2BE 1740 9ED2 D99F C356 280E 1199
uid          Bartek Rutkowski <robak@freebsd.org>
uid          Bartek Rutkowski <contact@robakdesign.com>
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sub         4096R/36F01FFE 2013-06-17 [expires: 2017-06-17]

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3.324. Guido van Rooij <guido@FreeBSD.org >

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pub 1024R/599F323D 1996-05-18 Guido van Rooij <guido@gvr.org>
Key fingerprint = 16 79 09 F3 C0 E4 28 A7 32 62 FA F6 60 31 0
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uid Guido van Rooij <guido@gvr.win.tue.nl>

pub 1024D/A95102C1 2000-10-25 Guido van Rooij <guido@madison-
gurkha.nl>
Key fingerprint = 5B3E 51B7 0E7A D170 0574 1E51 2471 117F 0
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see <http://www.gnupg.org>

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3.325. Eygene Ryabinkin <rea@FreeBSD.org >

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-----END PGP PUBLIC KEY BLOCK-----
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3.326. Aleksandr Rybalko <ray@FreeBSD.org>

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pub 2048R/4B7B7A4E 2011-05-24
    Key fingerprint = BB9F D01D 7327 0B33 B2F5 6C72 EC49 E6ED 4B7B 7A4E
uid Aleksandr Rybalko (Aleksandr Rybalko FreeBSD project identification) <ray@freebsd.org>
sub 2048R/99F9F9EF 2011-05-24
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=Q1YE
-----END PGP PUBLIC KEY BLOCK-----
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3.327. Niklas Saers <niklas@FreeBSD.org>

```
pub 1024D/C822A476 2004-03-09 Niklas Saers <niklas@saers.com>
    Key fingerprint = C41E F734 AF0E 3D21 7499 9EB1 9A31 2E7E 5
C822 A476
sub 1024g/81E2FF36 2004-03-09
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3.328. Boris Samorodov <bsam@FreeBSD.org>

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pub 4096R/960E20B03A3F6D28 2013-11-22 [expires: 2018-11-21]
    Key fingerprint = 8848 3672 3C1B C02B EA0B 5674 960E 20B0 5
3A3F 6D28
uid Boris Samorodov <bsam@FreeBSD.org>
uid Boris Samorodov <bsam@passap.ru>
sub 4096R/41BFAE676CF00B2D 2013-11-22 [expires: 2018-11-21]
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-----END PGP PUBLIC KEY BLOCK-----
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3.329. Mark Santcroos <marks@FreeBSD.org >

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pub 1024D/DBE7EB8E 2005-03-08  
Key fingerprint = C0F0 44F3 3F15 520F 6E32 186B BE0A BA42 5  
DBE7 EB8E  
uid Mark Santcroos <marks@ripe.net>  
uid Mark Santcroos <mark@santcroos.net>  
uid Mark Santcroos <marks@freebsd.org>  
sub 2048g/FFF80F85 2005-03-08
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-----END PGP PUBLIC KEY BLOCK-----
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3.330. Bernhard Schmidt <bschmidt@FreeBSD.org>

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pub 1024D/5F754FBC 2009-06-15
    Key fingerprint = 6B87 C8A9 6BA5 6B18 11CF 8C38 A1B7 0731 5F75 4FBC
uid                               Bernhard Schmidt <bschmidt@FreeBSD.org>
uid                               Bernhard Schmidt <bschmidt@techwires.net>
sub 1024g/1945DC1D 2009-06-15
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-----END PGP PUBLIC KEY BLOCK-----
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3.331. Wolfram Schneider <wosch@FreeBSD.org>

```
Type Bits/KeyID Date User ID
pub 1024/2B7181AD 1997/08/09 Wolfram Schneider <wosch@FreeBSD.org>
    Key fingerprint = CA 16 91 D9 75 33 F1 07 1B F0 B4 9F 3E 95 B6 09
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Version: 2.6.3ia
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3.332. Ed Schouten <ed@FreeBSD.org >

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pub 4096R/3491A2BB 2011-03-12 [expires: 2016-03-10]
    Key fingerprint = A110 5982 A887 74A2 F4B1 D70A 6E5E D8FE 3
3491 A2BB
uid          Ed Schouten (The FreeBSD Project) <ed@FreeBSD.org>
org>
uid          Ed Schouten <ed@80386.nl>
sub 4096R/81BB41E6 2011-03-12 [expires: 2016-03-10]
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-----END PGP PUBLIC KEY BLOCK-----

```

3.333. David Schultz <das@FreeBSD.org >

```
pub 1024D/BE848B57 2001-07-19 David Schultz <das@FreeBSD.ORG>
```

Michael Scheidell
<scheidell@FreeBSD.org >

```
Key fingerprint = 0C12 797B A9CB 19D9 FDAF 2A39 2D76 A2DB ɔ
BE84 8B57
uid David Schultz <dshultz@uclink.Berkeley.EDU>
uid David Schultz <das@FreeBSD.ORG>
sub 2048g/69206E8E 2001-07-19
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-----END PGP PUBLIC KEY BLOCK-----

3.334. Michael Scheidell <scheidell@FreeBSD.org >

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pub 2048R/34622C1D 2011-11-16
Key fingerprint = 0A0C 9ECA 18EC 47AC C715 2187 91B9 F9FE ɔ
3462 2C1D
uid Michael Scheidell <scheidell@freebsd.org>
sub 2048R/8F241971 2011-11-16
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

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3.335. Jens Schweikhardt <schweikh@FreeBSD.org >

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pub 1024D/0FF231FD 2002-01-27 Jens Schweikhardt <schweikh@FreeBSD.org>
Key fingerprint = 3F35 E705 F02F 35A1 A23E 330E 16FE EA33 0
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uid Jens Schweikhardt <schweikh@schweikhardt.net>
sub 1024g/6E93CACC 2002-01-27 [expires: 2005-01-26]

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.336. Matthew Seaman <matthew@FreeBSD.org >

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pub 4096R/036F6C9EE7F39EBF 2013-09-29 [expires: 2014-09-29]
    Key fingerprint = 72CF AC21 79BC B024 B5B5 4590 036F 6C9E 6
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uid                               Matthew Seaman <matthew@freebsd.org>
uid                               Matthew Seaman <m.
seaman@infracaninophile.co.uk>
sub 4096R/5D0DFEAF7BFB01B4 2013-09-29 [expires: 2014-09-29]
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-----END PGP PUBLIC KEY BLOCK-----

3.337. Thomas-Martin Seck <tmseck@FreeBSD.org >

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pub 1024D/DF46EE05 2000-11-22
Key fingerprint = A38F AE66 6B11 6EB9 5D1A B67D 2444 2FE1 0
DF46 EE05
uid Thomas-Martin Seck (Privat 2) 0
<tmseck@netcologne.de>
uid Thomas-Martin Seck (Privat) <tmseck@web.de>
uid Thomas-Martin Seck (FreeBSD) <tmseck@FreeBSD.org>
org>

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sub 2048g/3DC33B0F 2000-11-22
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3.338. Stanislav Sedov <stas@FreeBSD.org >

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Key fingerprint = 4C01 9D03 543E C623 3FF7 0D34 6D8E 4C9F 5617 EAFB
uid Stanislav Sedov <stas@FreeBSD.org>
uid Stanislav Sedov <stas@deglitch.com>
sub 2048R/55012891 2013-09-15 [expires: 2018-09-14]
sub 2048R/8E60582E 2013-09-15 [expires: 2018-09-14]
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3.339. Johan van Selst <johans@FreeBSD.org >

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pub 4096R/D3AE8D3A 2009-09-01
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uid Johan van Selst
uid Johan van Selst <johans@gletsjer.net>
uid Johan van Selst <johans@stack.nl>
uid Johan van Selst <johans@FreeBSD.org>
uid Johan van Selst (GSwoT:NL50) <johans@gswot.org>
sub 2048R/B002E38C 2009-09-01
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-----END PGP PUBLIC KEY BLOCK-----
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3.340. Bakul Shah <bakul@FreeBSD.org >

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pub 1024D/86AEE4CB 2006-04-20
Key fingerprint = 0389 26E8 381C 6980 AEC0 10A5 E540 A157 86AE E4CB
uid Bakul Shah <bakul@freebsd.org>
sub 2048g/5C3DCC24 2006-04-20
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3.341. Gregory Neil Shapiro <gshapiro@FreeBSD.org>

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pub 1024R/4FBE2ADD 2000-10-13 Gregory Neil Shapiro 
<gshapiro@gshapiro.net>
  Key fingerprint = 56 D5 FF A7 A6 54 A6 B5 59 10 00 B9 5F 5F 
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uid                               Gregory Neil Shapiro 
<gshapiro@FreeBSD.org>

pub 1024D/F76A9BF5 2001-11-14 Gregory Neil Shapiro 
<gshapiro@FreeBSD.org>
  Key fingerprint = 3B5E DAF1 4B04 97BA EE20 F841 21F9 C5BC 
  F76A 9BF5
uid                               Gregory Neil Shapiro 
<gshapiro@gshapiro.net>
sub 2048g/935657DC 2001-11-14

pub 1024D/FCE56561 2000-10-14 Gregory Neil Shapiro 
<gshapiro@FreeBSD.org>
  Key fingerprint = 42C4 A87A FD85 C34F E77F 5EA1 88E1 7B1D 
  FCE5 6561
uid                               Gregory Neil Shapiro 
<gshapiro@gshapiro.net>
sub 1024g/285DC8A0 2000-10-14 [expires: 2001-10-14]
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.342. Arun Sharma <arun@FreeBSD.org >

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pub 1024D/7D112181 2003-03-06 Arun Sharma <arun@sharma-home.net>
Key fingerprint = A074 41D6 8537 C7D5 070E 0F78 0247 1AE2 0
7D11 2181
uid Arun Sharma <arun@freebsd.org>
uid Arun Sharma <arun.sharma@intel.com>
sub 1024g/ACAD98DA 2003-03-06 [expires: 2005-03-05]
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3.343. Wesley Shields <wxs@FreeBSD.org >

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pub 1024D/17F0AA37 2007-12-27
    Key fingerprint = 96D1 2E6B F61C 2F3D 83EF 8F0B BE54 310C 3
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uid                               Wesley Shields <wxs@FreeBSD.org>
uid                               Wesley Shields <wxs@atarininja.org>
sub 2048g/2EDA1BB8 2007-12-27
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3.344. Norikatsu Shigemura <nork@FreeBSD.org >

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pub 1024D/7104EA4E 2005-02-14
    Key fingerprint = 9580 60A3 B58A 0864 79CB 779A 6FAE 229B 3
7104 EA4E
uid                               Norikatsu Shigemura <nork@cityfujisawa.ne.jp>
uid                               Norikatsu Shigemura <nork@ninth-nine.com>
uid                               Norikatsu Shigemura <nork@FreeBSD.org>
sub 4096g/EF56997E 2005-02-14
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3.345. Shteryana Shopova <syrinx@FreeBSD.org>

```

pub 4096R/35047F7A 2013-09-24 [expires: 2018-09-23]
uid Shteryana Sotirova Shopova <syrinx@FreeBSD.org>

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uid          Shteryana Sotirova Shopova <shteryana@FreeBSD.org>
org>
uid          Shteryana Sotirova Shopova <shteryana@gmail.com>
sub 4096R/E509C37A 2013-09-24 [expires: 2018-09-23]
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Version: GnuPG v2.0.19 (FreeBSD)

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-----END PGP PUBLIC KEY BLOCK-----
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3.346. Vanilla I. Shu <vanilla@FreeBSD.org >

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pub 1024D/ACE75853 2001-11-20 Vanilla I. Shu <vanilla@FreeBSD.org>
Key fingerprint = 290F 9DB8 42A3 6257 5D9A 5585 B25A 909E 0
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see <http://www.gnupg.org>

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3.347. Ashish SHUKLA <ashish@FreeBSD.org>

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pub 4096R/E74FA4B0 2010-04-13
    Key fingerprint = F682 CDCC 39DC 0FEA E116 20B6 C746 CFA9 0
E74F A4B0
uid Ashish SHUKLA <wahjava@gmail.com>
uid Ashish SHUKLA <wahjava@googlemail.com>
uid Ashish SHUKLA <wahjava.ml@gmail.com>
uid Ashish SHUKLA <wahjava@members.fsf.org>
uid Ashish SHUKLA <wahjava@perl.org.in>
uid Ashish SHUKLA <wahjava@users.sourceforge.net>
uid Ashish SHUKLA <wah.java@yahoo.com>
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<ashish@FreeBSD.ORG>
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3.348. Bruce M. Simpson <bms@FreeBSD.org >

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pub 1024D/860DB53B 2003-08-06 Bruce M Simpson <bms@freebsd.org>
Key fingerprint = 0D5F 1571 44DF 51B7 8B12 041E B9E5 2901 0
860D B53B
sub 2048g/A2A32D8B 2003-08-06 [expires: 2006-08-05]
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3.349. Dmitry Sivachenko <demon@FreeBSD.org >

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pub 1024D/13D5DF80 2002-03-18 Dmitry Sivachenko <mitya@cavia.pp.ru>
Key fingerprint = 72A9 12C9 BB02 46D4 4B13 E5FE 1194 9963 ☞
13D5 DF80
uid Dmitry S. Sivachenko <demon@FreeBSD.org>
org>
sub 1024g/060F6DBD 2002-03-18
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.350. Jesper Skriver <jesper@FreeBSD.org>

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pub 1024D/F9561C31 2001-03-09 Jesper Skriver <jesper@FreeBSD.org>
    Key fingerprint = 6B88 9CE8 66E9 E631 C9C5 5EB4 22AB F0EC 6
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uid                               Jesper Skriver <jesper@skriver.dk>
uid                               Jesper Skriver <jesper@wheel.dk>
sub 1024g/777C378C 2001-03-09
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.351. Ville Skyttä <scop@FreeBSD.org >

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pub 1024D/BCD241CB 2002-04-07 Ville Skyttä <ville.skytta@iki.fi>
Key fingerprint = 4E0D EBAB 3106 F1FA 3FA9 B875 D98C D635 0
BCD2 41CB
uid Ville Skyttä <ville.skytta@xemacs.org>
uid Ville Skyttä <scop@FreeBSD.org>
sub 2048g/9426F4D1 2002-04-07
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Version: GnuPG v1.0.7 (GNU/Linux)
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3.352. Andrey Slusar <anray@FreeBSD.org>

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pub 1024D/AE7B5418 2005-12-12
    Key fingerprint = DE70 C24B 55A0 4A06 68A1 D425 3C59 9A9B 0
AE7B 5418
uid          Andrey Slusar <anray@ext.by>
uid          Andrey Slusar <anrays@gmail.com>
uid          Andrey Slusar <anray@FreeBSD.org>
sub 2048g/7D0EB77D 2005-12-12
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3.353. Florian Smeets <flo@FreeBSD.org >

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pub 4096R/E7053DF9FF86F076 2013-10-03 [expires: 2018-10-02]
Key fingerprint = A701 0320 3BCA B44A 98FE C844 E705 3DF9  ⚡
FF86 F076
uid Florian Smeets <flo@smeets.im>
uid Florian Smeets <flo@FreeBSD.org>
sub 4096R/F779EEDFE754EA9D 2013-10-03 [expires: 2018-10-02]
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-----END PGP PUBLIC KEY BLOCK-----
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3.354. Gleb Smirnoff <glebius@FreeBSD.org>

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pub 2048D/6C7E5E82 2013-01-30 [expires: 2023-08-25]
    Key fingerprint = 6E06 7260 B83D CF2C A93C 566F 5185 0968 6C7E 5E82
uid                               Gleb Smirnoff <glebius@FreeBSD.org>
sub 2048g/11E89DCE 2013-01-30 [expires: 2023-08-25]
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-----END PGP PUBLIC KEY BLOCK-----
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3.355. Ken Smith <kensmith@FreeBSD.org >

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pub 1024D/29AEA7F6 2003-12-02 Ken Smith <kensmith@cse.buffalo.edu>
Key fingerprint = 4AB7 D302 0753 8215 31E7 F1AD FC6D 7855 0
29AE A7F6
uid                               Ken Smith <kensmith@freebsd.org>
sub 1024g/0D509C6C 2003-12-02
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=gLKU
-----END PGP PUBLIC KEY BLOCK-----
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3.356. Ben Smithurst <ben@FreeBSD.org>

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pub 1024D/2CEF442C 2001-07-11 Ben Smithurst <ben@LSRfm.com>
Key fingerprint = 355D 0FFF B83A 90A9 D648 E409 6CFC C9FB 0
2CEF 442C
uid Ben Smithurst <ben@vinosystems.com>
uid Ben Smithurst <ben@smithurst.org>
uid Ben Smithurst <ben@FreeBSD.org>
uid Ben Smithurst <csxbscs@comp.leeds.ac.uk>
uk>
uid Ben Smithurst <ben@scientia.demon.co.uk>
uk>
sub 1024g/347071FF 2001-07-11
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see <http://www.gnupg.org>

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-----END PGP PUBLIC KEY BLOCK-----
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3.357. Dag-Erling C. Smørgrav <des@FreeBSD.org >

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pub 4096R/BB9B471BF94E87B2 2013-02-15 [expires: 2014-01-01]  
Key fingerprint = 578A 3F4F 9E04 9FCF 3576 BF82 BB9B 471B 5  
F94E 87B2  
uid Dag-Erling Smørgrav <des@des.no>  
uid Dag-Erling Smørgrav <des@freebsd.org>  
uid Dag-Erling Smørgrav <des@usit.uio.no>  
uid [jpeg image of size 4779]  
sub 4096R/A1F1FE07F4DE87F5 2013-02-15 [expires: 2014-01-01]  
  
pub 4096R/92C843456DA6A66E 2013-09-24 [expires: 2018-01-01]  
Key fingerprint = BB57 22E5 C9B6 77D1 73C3 8CFC 92C8 4345 5  
6DA6 A66E  
uid Dag-Erling Smørgrav <des@des.no>  
uid Dag-Erling Smørgrav <des@freebsd.org>  
uid Dag-Erling Smørgrav <d.e.smorgrav@usit.u  
uio.no>  
sub 4096R/9B90A1FCF8FBEC80 2013-09-24 [expires: 2018-01-01]
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OpenPGP Keys

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3.359. Alan Somers <asomers@FreeBSD.org>

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    Key fingerprint = 9CD4 C982 738F 8B90 25E8 E6B3 5F74 63BC  ̣
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uid Alan Somers <asomers@freebsd.org>
uid Alan Somers <asomers@gmail.com>
sub 4096R/4E121B3E 2013-04-25 [expires: 2018-04-24]
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-----END PGP PUBLIC KEY BLOCK-----
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3.360. Brian Somers <brian@FreeBSD.org >

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pub 1024R/666A7421 1997-04-30 Brian Somers <brian@freebsd-services.␣
com>
Key fingerprint = 2D 91 BD C2 94 2C 46 8F 8F 09 C4 FC AD 12 ␣
3B 21
uid Brian Somers <brian@awfulhak.org>
uid Brian Somers <brian@FreeBSD.org>
uid Brian Somers <brian@OpenBSD.org>
uid Brian Somers <brian@uk.FreeBSD.org>
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see <http://www.gnupg.org>

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=g4uu
-----END PGP PUBLIC KEY BLOCK-----

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3.361. Stacey Son <sson@FreeBSD.org>

```

pub 1024D/CE8319F3 2008-07-08
Key fingerprint = 64C7 8D92 C1DF B940 1171 5ED3 186A 758A  ⤵
CE83 19F3
uid Stacey Son <sson@FreeBSD.org>
uid Stacey Son <stacey@son.org>
uid Stacey Son <sson@byu.net>
uid Stacey Son <sson@secure.net>
uid Stacey Son <sson@dev-random.com>
sub 2048g/0F724E52 2008-07-08

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=uagC
-----END PGP PUBLIC KEY BLOCK-----
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3.362. Nicolas Souchu <nsouch@FreeBSD.org>

```
pub 1024D/C744F18B 2002-02-13 Nicholas Souchu <nsouch@freebsd.org>
   Key fingerprint = 992A 144F AC0F 40BA 55AE DE6D 752D 0A6C ☞
C744 F18B
sub 1024g/90BD3231 2002-02-13
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: Pour information voir http://www.gnupg.org
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3.363. Suleiman Souhlal <ssouhlal@FreeBSD.org >

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pub 1024D/2EA50469 2004-07-24 Suleiman Souhlal <ssouhlal@FreeBSD.org>
Key fingerprint = DACF 89DB 54C7 DA1D 37AF 9A94 EB55 E272 2EA5 0469
sub 2048g/0CDCC535 2004-07-24
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3.364. Luiz Otavio O Souza <loos@FreeBSD.org >

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pub 2048R/39165690 2013-07-03
    Key fingerprint = ABC9 71D9 016E 8D4A 936D D748 6252 872F 3916 5690
uid Luiz Otavio O Souza <loos.br@gmail.com>
uid Luiz Otavio O Souza <loos@freebsd.org>
sub 2048R/9D089395 2013-07-03
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3.365. Ulrich Spörlein <uqs@FreeBSD.org >

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pub 2048R/4AAF82CE 2010-01-27 [expires: 2015-01-26]
    Key fingerprint = 08DF A6A0 B1EB 98A5 EDDA 9005 A3A6 9864 5
4AAF 82CE
uid Ulrich Spörlein <uqs@spoerlein.net>
uid Ulrich Spoerlein <uspoerlein@gmail.com>
uid Ulrich Spörlein (The FreeBSD Project) 5
<uqs@FreeBSD.org>
uid Ulrich Spörlein <ulrich.spoerlein@web.de>
sub 2048R/162E8BD2 2010-01-27 [expires: 2015-01-26]
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3.366. Rink Springer <rink@FreeBSD.org >

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pub 1024D/ECEDBFFF 2003-09-19
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uid Rink Springer <rink@il.fontys.nl>
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3.367. Vsevolod Stakhov <vsevolod@FreeBSD.org >

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pub 4096R/90081437 2012-05-16 [expires: 2017-05-15]
    Key fingerprint = DD9A 126C E675 1EA5 2A97 04A3 0764 7B67 0
9008 1437
uid                               Vsevolod Stakhov <vsevolod@FreeBSD.org>
sub 4096R/4A5A0B54 2012-05-16 [expires: 2017-05-15]
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3.368. Ryan Steinmetz <zi@FreeBSD.org>

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pub 2048R/1EF8BA6BD02846D7 2014-02-03 [expires: 2019-02-02]
    Key fingerprint = 9079 51A3 34EF 0CD4 F228 EDC6 1EF8 BA6B 0
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uid Ryan Steinmetz <zi@zi0r.com>
uid Ryan Steinmetz <rsteinme@cisco.com>
uid Ryan Steinmetz <zi@FreeBSD.org>
sub 2048R/A8A08AA9D827E5F8 2014-02-03 [expires: 2019-02-02]
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3.369. Lawrence Stewart <lstewart@FreeBSD.org >

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Key fingerprint = 8FB2 E9A3 39EA 78A1 5E1D B8A2 9A50 BCFC 0
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uid Lawrence A. Stewart <lstewart@freebsd.org>
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uid Lawrence A. Stewart <lstewart@netflix.org>
uid Lawrence A. Stewart <lstewart@room52.org>
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3.371. Murray Stokely <murray@FreeBSD.org >

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pub 1024D/0E451F7D 2001-02-12 Murray Stokely <murray@freebsd.org>
Key fingerprint = E2CA 411D DD44 53FD BB4B 3CB5 B4D7 10A2 0E45 1F7D
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Comment: For info see http://www.gnupg.org
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3.372. Volker Stolz <vs@FreeBSD.org >

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-----END PGP PUBLIC KEY BLOCK-----
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3.373. Ryan Stone <rstone@FreeBSD.org >

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pub 1024D/3141B73A 2010-04-13
    Key fingerprint = 4A6D DC04 DDC5 0822 2687 A086 FD3F 16CB 3141 B73A
uid Ryan Stone (FreeBSD) <rstone@freebsd.org>
sub 2048g/A8500B5F 2010-04-13
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-----END PGP PUBLIC KEY BLOCK-----
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3.374. Søren Straarup <xride@FreeBSD.org>

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pub 1024D/E683AD40 2006-09-28
    Key fingerprint = 8A0E 7E57 144B BC25 24A9 EC1A 0DBC 3408 3
E683 AD40
uid Soeren Straarup <xride@xride.dk>
uid Soeren Straarup <xride@FreeBSD.org>
uid Soeren Straarup <xride@x12.dk>
sub 2048g/2B18B3B8 2006-09-28
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3.375. Marius Strobl <marius@FreeBSD.org>

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pub 4096R/20B70DE13F1D1E4F 2013-09-26
    Key fingerprint = 53D9 B435 5F95 980F C5D7 6B02 20B7 0DE1 3
3F1D 1E4F
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uid Marius Strobl <marius@FreeBSD.org>
uid Marius Strobl <marius@alchemy.franken.ö
de>
sub 4096R/862A3771EFEA91B6 2013-09-26
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3.376. Carlo Strub <cs@FreeBSD.org >

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3.377. Cheng-Lung Sung <clsung@FreeBSD.org >

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pub 1024D/956E8BC1 2003-09-12 Cheng-Lung Sung <clsung@FreeBSD.org>
Key fingerprint = E0BC 57F9 F44B 46C6 DB53 8462 F807 89F3 956E 8BC1
uid Cheng-Lung Sung (Software Engineer) <clsung@dragon2.net>
uid Cheng-Lung Sung (Alumnus of CSIE, NCTU, Taiwan) <clsung@sungsung.csie.nctu.edu.tw>
uid Cheng-Lung Sung (AlanSung) <clsung@tiger2.net>
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uid Cheng-Lung Sung (Ph.D. Student of NTU.EECS) <d92921016@ntu.edu.tw>
uid Cheng-Lung Sung (FreeBSD Freshman) <clsung@tw.freebsd.org>
uid Cheng-Lung Sung (ports committer) <clsung@FreeBSD.org>
sub 1024g/1FB800C2 2003-09-12
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3.378. Gregory Sutter <gsutter@FreeBSD.org>

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pub 1024D/845DFEDD 2000-10-10 Gregory S. Sutter <gsutter@zer0.org>
Key fingerprint = D161 E4EA 4BFA 2427 F3F9 5B1F 2015 31D5 ☞
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uid Gregory S. Sutter <gsutter@freebsd.org>
org>
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<gsutter@daemonnews.org>
uid Gregory S. Sutter <gsutter@pobox.com>
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3.379. Koichi Suzuki <metal@FreeBSD.org >

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3.380. Ryusuke SUZUKI <ryusuke@FreeBSD.org>

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3.381. Gary W. Swearingen <garys@FreeBSD.org >

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pub 1024D/FAA48AD5 2005-08-22 [expires: 2007-08-22]
    Key fingerprint = 8292 CC3E 81B5 E54F E3DD F987 FA52 E643  3
FAA4 8AD5
uid Gary W. Swearingen <garys@freebsd.org>
sub 2048g/E34C3CA0 2005-08-22 [expires: 2007-08-22]
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3.382. Yoshihiro Takahashi <nyan@FreeBSD.org>

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pub 4096R/6624859E 2012-11-18
    Key fingerprint = 1CA5 445E 7ABD BC21 AEC0 7B89 47D7 4EFF 6624 859E
uid Yoshihiro TAKAHASHI <nyan@furiu.org>
uid Yoshihiro TAKAHASHI <nyan@FreeBSD.org>
uid Yoshihiro TAKAHASHI <nyan@jp.FreeBSD.org>
sub 4096R/362726EA 2012-11-18
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-----END PGP PUBLIC KEY BLOCK-----
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3.383. Sahil Tandon <sahil@FreeBSD.org >

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pub 2048R/C016D977 2010-04-08
Key fingerprint = 6AD2 BA99 8E3A 8DA6 DFC1 53CF DBD0 6001 0
C016 D977
uid Sahil Tandon <sahil@tandon.net>
uid Sahil Tandon <sahil@FreeBSD.org>
sub 2048R/F7776FBC 2010-04-08
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3.384. TAKATSU Tomonari <tota@FreeBSD.org >

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pub 1024D/67F58F29 2009-05-17
Key fingerprint = 6940 B575 FC4A FA26 C094 279A 4B9B 6326 67F5 8F29
uid TAKATSU Tomonari <tota@FreeBSD.org>
sub 2048g/18B112CD 2009-05-17
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3.385. Romain Tartière <romain@FreeBSD.org>

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pub 3072R/5112336F 2010-04-09
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uid                               Romain Tartière <romain@blogreen.org>
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sub 3072R/C1B2B656 2010-04-09
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3.386. Sylvio Cesar Teixeira <sylvio@FreeBSD.org>

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pub 2048R/AA7395A1 2009-10-28
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AA73 95A1
uid                               Sylvio Cesar Teixeira (My key) <sylvio@FreeBSD.☞
org>
sub 2048R/F758F556 2009-10-28
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3.387. Devin Teske <dteske@FreeBSD.org>

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pub 2048R/0xAACC9F947D9E9AB9 2013-11-01 [expires: 2014-11-01]
    Key fingerprint = E052 3882 1097 ABB9 A537 ED2F AACC 9F94 ☞
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uid                               [ultimate] Devin Teske (FreeBSD Committer) ☞
<dteske@FreeBSD.org>
sub 2048R/0xB29F871CBC396837 2013-11-01 [expires: 2014-11-01]
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3.388. Ion-Mihai Tetcu <itetcu@FreeBSD.org>

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pub 4096R/29597D20 2013-05-02
    Key fingerprint = AB6F 39B6 605D E6B7 0D54 ED3D BCA2 129A  5
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uid Ion-Mihai Tetcu (FreeBSD Committer key)  5
<itetcu@FreeBSD.org>
sub 4096R/EC9E17E3 2013-05-02

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-----END PGP PUBLIC KEY BLOCK-----
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3.389. Mikhail Teterin <mi@FreeBSD.org >

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pub 1024R/3FC71479 1995-09-08 Mikhail Teterin <mi@aldan.star89.
galstar.com>
Key fingerprint = 5F 15 EA 78 A5 40 6A 0F 14 D7 D9 EA 6E 2B
DA A4
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.390. Gordon Tetlow <gordon@FreeBSD.org>

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pub 1024D/357D65FB 2002-05-14 Gordon Tetlow <gordont@gnf.org>
Key fingerprint = 34EF AD12 10AF 560E C3AE CE55 46ED ADF4 3
357D 65FB
uid Gordon Tetlow <gordon@FreeBSD.org>
sub 1024g/243694AB 2002-05-14
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Version: GnuPG v1.0.7 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----

3.391. Lars Thegler <lth@FreeBSD.org >

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pub 1024D/56B0CA08 2004-05-31 Lars Thegler <lth@FreeBSD.org>
    Key fingerprint = ABAE F98C EA78 1C8D 6FDD CB27 1CA9 5A63 0
56B0 CA08
uid                               Lars Thegler <lars@thegler.dk>
sub 1024g/E8C58EF3 2004-05-31
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-----END PGP PUBLIC KEY BLOCK-----
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3.392. Jase Thew <jase@FreeBSD.org>

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pub 4096R/0x5C3210C83F9B9617 2013-09-24 [expires: 2018-09-23]
    Key fingerprint = 4841 00F3 CDF2 272C 965B F90A 5C32 10C8 3F9B 9617
uid [ultimate] Jase Thew <jase@FreeBSD.org>
uid [ultimate] Jase Thew <freebsd@beardz.net>
uid [ultimate] Jase Thew <jase.thew@googlemail.com>
sub 4096R/0x727970D29B509783 2013-09-24 [expires: 2018-09-23]
sub 4096R/0xD4E65C8BFF1C3829 2013-09-24 [expires: 2018-09-23]
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3.393. David Thiel <lx@FreeBSD.org >

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3.394. Fabien Thomas <fabient@FreeBSD.org >

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pub 1024D/07745930 2009-03-16
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uid Fabien Thomas <fabient@FreeBSD.org>
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3.395. Thierry Thomas <thierry@FreeBSD.org >

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Andrew Thompson
<thompsa@FreeBSD.org>

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3.396. Andrew Thompson <thompsa@FreeBSD.org>

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pub 1024D/BC6B839B 2005-05-05
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uid Andrew Thompson <thompsa@freebsd.org>
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3.397. Florent Thoumie <flz@FreeBSD.org >

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uid Florent Thoumie (FreeBSD committer address) <flz@FreeBSD.org>
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uid [jpeg image of size 1796]
sub 2048g/15D930B9 2004-12-04

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3.398. Jilles Tjoelker <jilles@FreeBSD.org >

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uid Jilles Tjoelker <jilles@stack.nl>
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uid Jilles Tjoelker (FreeBSD) <jilles@FreeBSD.org>
sub 4096R/14CB5775 2011-07-02
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3.399. Ganbold Tsagaankhuu <ganbold@FreeBSD.org >

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uid Ganbold Tsagaankhuu <ganbold@freebsd.org>  
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3.400. Michael Tuexen <tuexen@FreeBSD.org >

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pub 1024D/04EEDABE 2009-06-08
    Key fingerprint = 493A CCB8 60E6 5510 A01D 360E 8497 B854 04EE DABE
uid                               Michael Tuexen <tuexen@FreeBSD.org>
sub 2048g/F653AA03 2009-06-08
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3.401. Andrew Turner <andrew@FreeBSD.org>

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pub 2048R/31B31614 2010-07-01
    Key fingerprint = 08AC 2C57 F14F FDD1 2232 B5CD AA16 EFB8 31B3 1614
uid Andrew Turner <andrew@freebsd.org>
uid Andrew Turner <andrew@fubar.geek.nz>
sub 2048R/9ACBF138 2010-07-01
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-----END PGP PUBLIC KEY BLOCK-----
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3.402. Hajimu UMEMOTO <ume@FreeBSD.org >

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pub 1024D/BF9071FE 2005-03-17
    Key fingerprint = 1F00 0B9E 2164 70FC 6DC5 BF5F 04E9 F086 0
BF90 71FE
uid Hajimu UMEMOTO <ume@mahoroba.org>
uid Hajimu UMEMOTO <ume@FreeBSD.org>
uid Hajimu UMEMOTO <ume@jp.FreeBSD.org>
sub 2048g/748DB3B0 2005-03-17
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3.403. Oleksandr Tymoshenko <gonzo@FreeBSD.org >

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pub 2048R/E84FC1018C87C180 2014-01-08 [expires: 2017-01-07]
Key fingerprint = 4FE9 153B 126D A491 294D 012F E84F C101 8C87 C180
uid Oleksandr Tymoshenko (FreeBSD) <gonzo@freebsd.org>
sub 2048R/D6BE683DAEC52F52 2014-01-08 [expires: 2017-01-07]
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-----END PGP PUBLIC KEY BLOCK-----
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3.404. Stephan Uphoff <ups@FreeBSD.org >

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pub 2048R/D684B04A 2004-10-06 Stephan Uphoff <ups@freebsd.org>
    Key fingerprint = B5D2 04AE CA8F 7055 7474 3C85 F908 7F55 7
D684 B04A
uid                               Stephan Uphoff <ups@tree.com>
sub 2048R/A15F921B 2004-10-06
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-----END PGP PUBLIC KEY BLOCK-----

3.405. Bryan Venteicher <bryanv@FreeBSD.org >

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pub 4096R/E97DB7DB 2012-11-05
    Key fingerprint = 0F8F 11EF F4D2 EDCA ECEA CB16 744C BF25 7
E97D B7DB
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OpenPGP Keys

```
uid Bryan Venteicher (DITC) 
<bryanv@daemoninthecloset.org>
uid Bryan Venteicher (FreeBSD) <bryanv@freebsd.org>
sub 4096R/2EBC1A46 2012-11-05
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3.406. Jacques Vidrine <nectar@FreeBSD.org>

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Key fingerprint = CB CE 7D A0 6E 01 DC 61 E5 91 0A BE 79 17 ☞
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pub 1024D/1606DB95 2001-07-05 Jacques A. Vidrine <nectar@celabo.org>
Key fingerprint = 46BC EA5B F70A CC81 5332 0832 8C32 8CFF ☞
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3.407. Alberto Villa <avilla@FreeBSD.org>

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pub 1024R/44350A8B 2010-01-24
Key fingerprint = F740 CE4E EDDD DA9B 4A1B 1445 DF18 82EA 0
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uid Alberto Villa <avilla@FreeBSD.org>
sub 1024R/F7C8254C 2010-01-24

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3.408. Nicola Vitale <nivit@FreeBSD.org >

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pub 1024D/F11699E5 2006-12-05
Key fingerprint = 2C17 C591 2C6D 82BD F3DB F1BF 8FC9 6763
F116 99E5
uid Nicola Vitale (Public key for nivit@FreeBSD.org)
org) <nivit@FreeBSD.org>
sub 2048g/4C90805D 2006-12-05
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3.409. Ivan Voras <ivoras@FreeBSD.org>

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pub 1024D/FD08D5063DFF1D2C 2012-04-22  
Key fingerprint = 6141 82D7 8304 0002 EEB3 48E5 FD08 D506 3DFF 1D2C  
uid Ivan Voras <ivoras@fer.hr>  
uid Ivan Voras <ivoras@freebsd.org>  
uid Ivan Voras <ivoras@pirati.hr>  
uid Ivan Voras <ivoras@gmail.com>  
uid [jpeg image of size 3697]  
sub 4096g/88C9ED7026B75D25 2012-04-22
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Version: GnuPG v2.0.22 (FreeBSD)
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3.410. Stefan Walter <stefan@FreeBSD.org >

```
pub 3072R/12B9E0B3 2003-03-06
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OpenPGP Keys

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Key fingerprint = 85D8 6A49 22C7 6CD9 B011 5D6A 5691 111B 0
12B9 E0B3
uid          Stefan Walter <stefan@freebsd.org>
uid          Stefan Walter <sw@gegenunendlich.de>
sub         3072R/6D35457A 2003-03-06
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3.411. Kai Wang <kaiw@FreeBSD.org >

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pub 1024D/AEB910EB 2006-09-27
Key fingerprint = 3534 10A3 F143 B760 EF3E BEDF 8509 6A06 3
AEB9 10EB
uid Kai Wang <kaiw@FreeBSD.org>
uid Kai Wang <kaiw@student.chalmers.se>
uid Kai Wang <kaiwang27@gmail.com>
uid Kai Wang <kaiw27@gmail.com>
sub 2048g/1D5AA4DD 2006-09-27
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-----END PGP PUBLIC KEY BLOCK-----
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3.412. Adam Weinberger <adamw@FreeBSD.org >

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pub 2048R/1CCD0A5830E59D2B 2014-02-03 [expires: 2017-02-02]  
Key fingerprint = F95F 60DB 115C EA59 2FED E1FB 1CCD 0A58 30E5 9D2B  
uid Adam Weinberger <adamw@FreeBSD.org>  
uid Adam Weinberger <adamw@adamw.org>  
sub 2048R/92C1C8A42BDE2CCE 2014-02-03 [expires: 2017-02-02]
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-----END PGP PUBLIC KEY BLOCK-----
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3.413. Peter Wemm <peter@FreeBSD.org >

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pub 1024D/1512AE527277717F 2003-12-14
    Key fingerprint = 622B 2282 E92B 3BAB 57D1 A417 1512 AE52 7277 717F
uid                                     Peter Wemm <peter@wemm.org>
uid                                     Peter Wemm <peter@FreeBSD.ORG>
sub 1024g/2C5F53778B40D9D1 2003-12-14

pub 2048R/35D69709EC809E04 2014-05-08 [expires: 2024-05-05]
    Key fingerprint = 060A C0D1 5AFF BDF3 55B8 FA14 35D6 9709 EC80 9E04
uid                                     Peter Wemm <peter@wemm.org>
uid                                     Peter Wemm <peter@FreeBSD.org>
sub 2048R/B5D591B339B03C75 2014-05-08 [expires: 2024-05-05]
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3.414. Nathan Whitehorn <nwhitehorn@FreeBSD.org >

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pub 1024D/FC118258 2008-07-03
Key fingerprint = A399 BEA0 8D2B 63B3 47B5 056D 8513 5B96 0
FC11 8258
uid Nathan Whitehorn <nwhitehorn@freebsd.org>
uid Nathan Whitehorn <nwhitehorn@icecube.wisc.edu>
uid Nathan Whitehorn <nwhitehorn@physics.wisc.edu>
uid Nathan Whitehorn <whitehorn@wisc.edu>
sub 2048g/EDB55363 2008-07-03
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3.415. Martin Wilke <miwi@FreeBSD.org >

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pub 1024D/B1E6FCE9 2009-01-31
    Key fingerprint = C022 7D60 F598 8188 2635 0F6E 74B2 4884  3
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uid                               Martin Wilke <miwi@FreeBSD.org>
sub 4096g/096DA69D 2009-01-31
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3.416. Nate Williams <nate@FreeBSD.org >

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pub 1024D/C2AC6BA4 2002-01-28 Nate Williams (FreeBSD)  $\mathcal{U}$ 
<nate@FreeBSD.org>
    Key fingerprint = 8EE8 5E72 8A94 51FA EA68 E001 FFF9 8AA9  $\mathcal{U}$ 
C2AC 6BA4
sub 1024g/03EE46D2 2002-01-28
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.417. Steve Wills <swills@FreeBSD.org >

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pub 2048R/F5CF62B3207B1BA1 2010-09-02 [expires: 2014-10-26]
    Key fingerprint = 98FA 414A 5C2A 0EF9 CFD0 AD0D F5CF 62B3  $\mathcal{U}$ 
207B 1BA1
uid                               Steve Wills <swills@FreeBSD.org>
uid                               Steve Wills <swills@freebsd.org>
uid                               Steve Wills <steve@mouf.net>
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-----END PGP PUBLIC KEY BLOCK-----
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3.418. Thomas Wintergerst <twinterg@FreeBSD.org >

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pub 1024D/C45CB978 2006-01-08
Key fingerprint = 04EE 8114 7C6D 22CE CDC8 D7F8 112D 01DB C
C45C B978
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OpenPGP Keys

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uid          Thomas Wintergerst <twinterg@gmx.de>
uid          Thomas Wintergerst <twinterg@freebsd.org>
uid          Thomas Wintergerst
uid          Thomas Wintergerst <thomas.wintergerst@nord-
com.net>
uid          Thomas Wintergerst <thomas.wintergerst@materna.o
de>
sub          2048g/3BEBEF8A 2006-01-08
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-----END PGP PUBLIC KEY BLOCK-----
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3.419. Garrett Wollman <wollman@FreeBSD.org >

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pub 1024D/0B92FAEA 2000-01-20 Garrett Wollman <wollman@FreeBSD.org>
Key fingerprint = 4627 19AF 4649 31BF DE2E 3C66 3ECF 741B ☾
0B92 FAEA
sub 1024g/90D5EBC2 2000-01-20
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Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.420. Jörg Wunsch <joerg@FreeBSD.org>

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pub 1024D/69A85873 2001-12-11 Joerg Wunsch <j@uriah.heep.sax.de>
Key fingerprint = 5E84 F980 C3CA FD4B B584 1070 F48C A81B 69A8 5873
pub 1024D/69A85873 2001-12-11 Joerg Wunsch <j@uriah.heep.sax.de>
uid Joerg Wunsch <joerg_wunsch@interface-
systems.de>
uid Joerg Wunsch <joerg@FreeBSD.org>
uid Joerg Wunsch <j@ida.interface-
business.de>
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Version: GnuPG v1.2.6 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
```

3.421. David Xu <davidxu@FreeBSD.org >

```
pub 1024D/48F2BDAB 2006-07-13 [expires: 2009-07-12]
Key fingerprint = 7182 434F 8809 A4AF 9AE8 F1B5 12F6 3390 48F2 BDAB
uid David Xu <davidxu@freebsd.org>
```

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sub 4096g/ED7DB38A 2006-07-13 [expires: 2009-07-12]
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```

```
=jyox
```

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-----END PGP PUBLIC KEY BLOCK-----
```

3.422. Maksim Yevmenkin <emax@FreeBSD.org>

```
pub 1024D/F050D2DD 2003-10-01 Maksim Yevmenkin <m_evmenkin@yahoo.
com>
```

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Key fingerprint = 8F3F D359 E318 5641 8C81 34AD 791D 53F5 0
F050 D2DD
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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Version: GnuPG v1.2.2 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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3.423. Thomas Zander <riggs@FreeBSD.org >

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pub 1024D/8DD48929C85996CD 2000-11-15
Key fingerprint = 4F59 75B4 4CE3 3B00 BC61 5400 8DD4 8929 0
C859 96CD
uid Thomas Zander <riggs@FreeBSD.org>
uid Thomas Zander <thomas.e.@
zander@googlemail.com>
sub 2048g/DFD045C3A7460ECB 2000-11-15 [expires: 2017-12-31]
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-----END PGP PUBLIC KEY BLOCK-----

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3.424. Bjoern A. Zeeb <bz@FreeBSD.org >

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pub 1024D/3CCF1842 2007-02-20
Key fingerprint = 1400 3F19 8FEF A3E7 7207 EE8D 2B58 B8F8 ǵ
3CCF 1842
uid Bjoern A. Zeeb <bz@zabbadoz.net>
uid Bjoern A. Zeeb <bzeeb@zabbadoz.net>
uid Bjoern A. Zeeb <bz@FreeBSD.org>
uid Bjoern A. Zeeb <bzeeb-lists@lists.zabbadoz.net>
sub 4096g/F36BDC5D 2007-02-20

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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3.425. Niclas Zeising <zeising@FreeBSD.org>

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<zeising@freebsd.org>
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<zeising@lysator.liu.se>
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-----END PGP PUBLIC KEY BLOCK-----
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3.426. Alexey Zelkin <phantom@FreeBSD.org>

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pub 1024D/9196B7D9 2002-01-28 Alexey Zelkin <phantom@FreeBSD.org>
Key fingerprint = 4465 F2A4 28C1 C2E4 BB95 1EA0 C70D 4964 5
9196 B7D9
sub 1024g/E590ABA4 2002-01-28
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.427. Sepherosa Ziehou <sephe@FreeBSD.org >

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pub 2048R/3E51FB42 2005-10-21
    Key fingerprint = 5F47 3861 7ABA 8773 9E32 0474 5C33 841C 3E51 FB42
uid                               Sepherosa Ziehou (freebsd) <sephe@freebsd.org>
uid                               Sepherosa Ziehou (sephe) <sepherosa@gmail.com>
sub 2048R/7AA31321 2005-10-21
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-----END PGP PUBLIC KEY BLOCK-----
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3.428. Andrey Zonov <zont@FreeBSD.org >

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pub 2048R/E8A68B1C 2012-08-17 [expires: 2016-08-17]
Key fingerprint = 3DFF AA2F C10A A979 2FB9 A764 F145 4BB6 8B1C
E8A6 8B1C
uid Andrey Zonov <zont@FreeBSD.org>
uid Andrey Zonov <andrey@zonov.org>
sub 2048R/57FC2BD3 2012-08-17 [expires: 2016-08-17]
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-----END PGP PUBLIC KEY BLOCK-----

```

4.2. Deb Goodkin

```

pub 2048R/09436139 2013-04-11
    Key fingerprint = 3498 B76C D4D7 EA14 2003 83AE 1A93 FFAF 0943 6139
uid                               Deb Goodkin <deb@freebsd.org>
uid                               Deb Goodkin <Deb@Gurkowski.com>
uid                               Deb Goodkin <deb@freebsd.foundation.org>
sub 2048R/0FB6881F 2013-04-11

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4.3. Ben C. O. Grimm

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4.4. Ben Haga

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pub 4096R/1FA0DA9D 2013-04-12 [expires: 2017-04-11]
    Key fingerprint = 82FB 3180 8C3E CEA9 66ED 7FE5 2840 F0C9 1FA0 DA9D
uid Ben Haga <bhaga@FreeBSD.org>
sub 4096R/33BE4D62 2013-04-12 [expires: 2017-04-11]
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4.5. Boris Kochergin

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pub 4096R/7E8DEA51 2013-04-08
Key fingerprint = 41E7 7678 9F57 D52E 73DF 731F A77E 8C7A 7E8D EA51
uid Boris Kochergin <bk@isis.poly.edu>
sub 4096R/DD7B3E04 2013-04-08
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4.6. Dan Langille

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pub 1024D/0A0B1714CFFB9D3C 2000-12-28
    Key fingerprint = 07DF AB2F ED74 A9BA 453F 9BB7 0A0B 1714 0
CFFB 9D3C
uid                               Dan Langille <dan@langille.org>
uid                               Dan Langille <dvl@freebsd.org>
uid                               Dan Langille <dan@freshports.org>
uid                               Dan Langille <dan@nz.freebsd.org>
uid                               Dan Langille <dan@unixathome.org>
uid                               Dan Langille <dan@dvl-software.com>
uid                               Dan Langille <dan@racingsystem.com>
uid                               Dan Langille <dan.langille@gmail.com>
uid                               Dan Langille <dan.langille@dvl-
software.com>
sub 1024g/774275AAB7D6CC68 2000-12-28

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4.7. Peter Losher

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pub 1024D/B9F7C8866917C3B9 2002-03-16 [expires: 2014-12-24]
Key fingerprint = E00E 4CB3 D265 248E 610D 77A4 B9F7 C886 6917 C3B9
uid Peter Losher <ploser@freebsd.org>
uid Peter Losher <ploser@plosh.net>
sub 2048g/5E63FAAB8C6651F2 2002-03-16 [expires: 2014-12-24]
sub 4096R/53B9AAA98C273E2E 2014-05-18 [expires: 2019-05-17]
sub 4096R/CDABAB7A88F51686 2014-05-18 [expires: 2019-05-17]
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4.8. David Wolfskill

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pub 4096R/8A67F9C8DEF4193B 2013-11-28 [expires: 2015-11-28]
Key fingerprint = 8E8D 068A 2127 506E D238 63E7 8A67 F9C8 8
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uid David H. Wolfskill <david@catwhisker.org>
sub 4096R/C0395DCCCFC71941 2013-11-28 [expires: 2015-11-28]
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