

IBM Program usage and installation report instructions

Tivoli Storage Manager Help Guide

Please see below the additional help in collecting deployment information for your IBM Software. (You may need to zoom in to more easily view the screenshots.)

1. Please follow the following instructions and provide the corresponding output for all TSM Managing Servers.

a. Log in as "root" or TSM Administrator

b. Run the following 4 commands at the TSM administrative command line interface

```
dsmadm -ID=userid -PA=pwd -OUTFILE=ServerName_Nodes.txt -COMMA delimited 'SELECT * FROM nodes'
```

```
dsmadm -ID=userid -PA=pwd -OUTFILE=ServerName_Filespaces.txt -COMMA delimited 'SELECT * FROM tablespaces'
```

```
dsmadm -ID=userid -PA=pwd -OUTFILE=ServerName_Server.txt -COMMA delimited 'SELECT * FROM Servers'
```

```
dsmadm -ID=userid -PA=pwd -OUTFILE=ServerName_Drives.txt -COMMA delimited 'SELECT * FROM Drives'
```

Instructions:

1) Identify the TSM server(s) and execute SQL commands on specific tables by following the instructions below: Use the administrative command line client DSMADMC.EXE with an ID and password and the -OUTFILE= argument

*Example: DSMADMC -ID=userid -PA=pwd -OUTFILE=c:\svrID.NODES.CSV -COMMA DELIMITED 'SELECT * FROM NODES'*

a) SELECT * FROM NODES

b) SELECT * FROM FILESPACES

c) SELECT * FROM LICENSES

2) Log on to the TSM console and run the respective commands

a) Q DRIVE

b) Q LIC

c) Q DOMAIN

d) Q SERVER

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Sample Output for Drives:

IBM Tivoli Storage Manager

Command Line Administrative Interface - Version 6, Release 1, Level 3.0

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```
SL500A,DRIVE10,LTO,YES,"ULTRIUM3C,ULTRIU","ULTRIUM3C,ULTRIU",501,,EMPTY,,EBUTT,2010-09-23
17:38:56.000000,,9210200502,
SL500A,DRIVE11,LTO,YES,"ULTRIUM3C,ULTRIU","ULTRIUM3C,ULTRIU",502,,LOADED,SACHQDWP01_OR
A,RKYLIE,2010-01-13 15:31:02.000000,,1210214241,A02319
SL500A,DRIVE12,LTO,YES,"ULTRIUM3C,ULTRIU","ULTRIUM3C,ULTRIU",503,,LOADED,SATORSEP02A_OR
A,MARYB,2008-08-08 20:45:15.000000,,1210212642,A02504
SL500A,DRIVE13,LTO,YES,"ULTRIUM3C,ULTRIU","ULTRIUM3C,ULTRIU",504,,LOADED,TORTSM04_SERVE
R,MARYB,2008-08-08 20:45:24.000000,,9210017222,A02639
SL500A,DRIVE14,LTO,YES,"ULTRIUM3C,ULTRIU","ULTRIUM3C,ULTRIU",505,,LOADED,SATORSEP02A_OR
A,MARYB,2008-08-08 20:45:27.000000,,1210213943,A02309
SL500A,DRIVE15,LTO,YES,"ULTRIUM3C,ULTRIU","ULTRIUM3C,ULTRIU",506,,EMPTY,,RKYLIE,2010-11-17
20:29:11.000000,,1210212605,
SL500A,DRIVE16,LTO,YES,"ULTRIUM3C,ULTRIU","ULTRIUM3C,ULTRIU",507,,LOADED,SATORSEP02A_OR
A,ANDYHE,2009-01-27 15:41:13.000000,,9210068260,A02690
SL500A,DRIVE17,LTO,YES,"ULTRIUM3C,ULTRIU","ULTRIUM3C,ULTRIU",508,,EMPTY,,ANDYHE,2010-01-21
14:45:58.000000,,1210248092,
SL500A,DRIVE18,LTO,YES,"ULTRIUM3C,ULTRIU","ULTRIUM3C,ULTRIU",509,,EMPTY,,ANDYHE,2010-01-20
20:22:06.000000,,9210257805,
SL500A,DRIVE9,LTO,YES,"ULTRIUM3C,ULTRIU","ULTRIUM3C,ULTRIU",500,,LOADED,TORTSM04_SERVER
,MARYB,2008-08-08 20:44:47.000000,,9210004823,A02472
```

ANS8002I Highest return code was 0.

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Sample Out for Nodes:

IBM Tivoli Storage Manager

Command Line Administrative Interface - Version 6, Release 1, Level 3.0

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```
ADSM,AIX,STANDARD,2011-04-17 15:08:55.000000,0,!ystefano,YES,YES,NO,NO,2011-05-16
17:37:01.000000,2004-08-04
19:01:12.000000,YSTEFANO,,0,0,+0.000000000000000E+000,+0.000000000000000E+000,+0.000000000000000E
+000,+0.000000000000000E+000,,,,,,NO,,SERVER,40,NO,1,NO,NO,,,,0,ANY,ANY,ClientOrServer,,,,,
CCDSF01,WinNT,STANDARD,2008-11-19 00:19:37.000000,0,!IBMIndiaNT,CLIENT,YES,NO,NO,2009-03-12
23:26:51.000000,2006-01-16
19:12:48.000000,RAMANAIR,Tcp/lp,8093811486,101368,+1.873708800000000E+004,+2.79995482755911E-
001,+2.50887277681569E+001,+0.000000000000000E+000,5,4,1,0,5.00,WINOPT,YES,,CLIENT,,NO,1,NO,NO,C
CDSF01,10.34.6.51,,0,ANY,ANY,ClientOrServer,,,,,
CHARV01,HPUX,MSL,2010-11-21 04:04:17.000000,0,celestica-unix-
india@in.ibm.com,CLIENT,YES,NO,NO,2010-12-31 04:45:15.000000,2008-06-19
19:31:47.000000,RAMANAIR,Tcp/lp,204221125,101452940,+5.602360000000000E+002,+6.85550375199023E+
000,+3.93584132401345E-
001,+0.000000000000000E+000,5,4,2,7,B.11.00,,YES,,CLIENT,42,NO,1,NO,NO,charv01,10.34.6.24,43.ac.06.96.
3e.33.11.dd.ac.67.00.00.0a.22.06.1a,0,ANY,ANY,ClientOrServer,,,,,
CHARV01-BCV,HPUX,MSL,2008-06-28 16:50:54.000000,0,nvarma@in.ibm.com,YES,YES,NO,NO,2008-08-06
16:53:13.000000,2004-08-20
14:28:21.000000,YSTEFANO,Tcp/lp,153390995392,94868601,+4.498232300000000E+004,+7.75326787813959
E-
001,+1.98129242902817E+002,+0.000000000000000E+000,5,2,3,0,B.11.00,,YES,,CLIENT,42,NO,1,NO,NO,torh
pm01,10.34.6.14,af.c6.00.8c.f2.b2.11.d8.a8.bd.00.00.0a.22.06.0e,0,ANY,ANY,ClientOrServer,,,,,
CHQAVS01,WinNT,STANDARD,2010-04-29
19:16:03.000000,0,indiaintel@in.ibm.com,CLIENT,YES,NO,NO,2011-05-17 04:00:56.000000,2010-04-29
19:16:03.000000,ANDYHE,Tcp/lp,6034725727,116239923,+3.039265000000000E+003,+6.36946761799316E+0
00,+1.23649632394674E+001,+4.25474580202779E+000,6,1,3,2,5.02,,YES,,CLIENT,,NO,1,NO,NO,CHQAVS01
,10.39.7.76,8d.74.df.40.53.9a.11.df.ac.8a.00.50.56.88.75.4d,0,ANY,ANY,ClientOrServer,,,,,
CHQCRP01,,CELESTICA,2011-03-14 17:20:47.000000,0,in.ibm.com,CLIENT,YES,NO,NO,2011-03-14
17:20:47.000000,2011-03-14
17:20:47.000000,RKYLIE,,0,0,+0.000000000000000E+000,+0.000000000000000E+000,+0.000000000000000E+00
0,+0.000000000000000E+000,,,,,,YES,,CLIENT,,NO,1,NO,NO,,,,0,ANY,ANY,ClientOrServer,,,,,
CHQDBP02,AIX,STANDARD,2011-03-31 13:00:11.000000,0,indiaaix@in.ibm.com,CLIENT,YES,NO,NO,2011-
05-17 12:03:00.000000,2011-03-31
13:00:11.000000,ASRIVASTAVA,Tcp/lp,51711076,18090999,+2.809900000000000E+001,+1.12957756503790E
+001,+1.97160041282607E+000,+0.000000000000000E+000,5,5,2,7,6.1,,YES,,CLIENT,,NO,1,NO,NO,chgdbp02,
10.34.8.81,1c.7e.ec.84.56.25.11.e0.83.61.00.00.00.00.00,0,ANY,ANY,ClientOrServer,,,,,
CHQDBQ01,AIX,STANDARD,2011-05-03 14:38:29.000000,0,IndiaAIX@in.ibm.com,CLIENT,YES,NO,NO,2011-
05-17 14:52:59.000000,2008-10-30
18:01:57.000000,ANDYHE,Tcp/lp,805110454,18945353,+1.854600000000000E+002,+4.20521945432977E+000,
+2.69869513641755E+000,+0.000000000000000E+000,6,1,3,3,5.3,AIXOPT,YES,,CLIENT,90,NO,1,NO,NO,chgdbq
bq01,10.34.4.71,5d.ce.69.9e.70.68.11.dd.bb.87.08.63.0a.27.04.b1,0,ANY,ANY,ClientOrServer,,,,,
CHQDBQ01_ORA,AIX,ORACLE,2011-03-09
09:14:37.000000,0,oracledba@in.ibm.com,CLIENT,YES,NO,NO,2011-04-07 21:08:21.000000,2011-03-08
22:43:46.000000,ASRIVASTAVA,Tcp/lp,644256230,77114266,+2.704640000000000E+002,+6.30176289635589
E+000,+2.86248816848083E+000,+1.26430874349266E+001,6,1,3,3,5.3,,YES,,CLIENT,,NO,4,NO,NO,chgqwp0
1,10.34.4.220,00.00.00.00.73.23.56.f4.a3.29.11.d7.b2.ef.08.63,0,ANY,ANY,ClientOrServer,,,,,
CHQDWP01,AIX,STANDARD,2010-09-02 14:32:44.000000,0,nvarma@in.ibm.com,YES,YES,NO,NO,2011-05-
17 12:06:23.000000,2004-08-10
15:35:59.000000,YSTEFANO,Tcp/lp,72086063,73522674,+1.221920000000000E+002,+2.19433350792195E+00
1,+3.32591331674741E+000,+0.000000000000000E+000,6,1,3,3,5.3,AIXOPT,YES,,CLIENT,,NO,4,NO,NO,chgq
wp01,10.34.4.220,00.00.00.00.73.23.56.f4.a3.29.11.d7.b2.ef.08.63,0,ANY,ANY,ClientOrServer,,,,,
```

IBM Program usage and installation report instructions

Sample Out for Server:

IBM Tivoli Storage Manager

Command Line Administrative Interface - Version 6, Release 1, Level 3.0

SACHQDWP01_ORA,TCPIP,10.34.4.220,1500,,NO,,2011-05-17 14:48:24.000000,NO,NO,,,2010-03-08 16:17:32.000000,ANDYHE,434,281,5,0,0,0,,,Yes,2010-03-08 16:17:32.000000,0,No,,,No
SATORSEP02A_ORA,TCPIP,10.34.4.15,1500,,NO,,2011-05-17 14:53:09.000000,NO,NO,,,2007-03-21 13:11:30.000000,MCNAMMA,443,281,5,0,0,0,,,Yes,2007-03-21 13:11:30.000000,0,No,,,No
SATORSEQ00A,TCPIP,192.168.0.1,1500,,NO,,2007-05-18 11:53:57.000000,NO,NO,,,2007-05-02 17:58:10.000000,MCNAMMA,460794,1723393,1352537449,1352521146,288,0,,,Yes,2007-05-02 17:58:10.000000,0,No,,,No
SATORSEQ00A-R3,TCPIP,10.34.5.17,1500,,NO,,2011-05-14 03:06:21.000000,NO,NO,,,2007-05-02 20:04:57.000000,MCNAMMA,282,362,41,37,0,0,,,Yes,2007-05-02 20:04:57.000000,0,No,,,No
SATORSEQ01-R3,TCPIP,10.34.4.75,1500,,NO,,2011-04-29 20:13:08.000000,NO,NO,,,2010-01-05 18:28:41.000000,ANDYHE,976,264,10807515,0,0,0,,,Yes,2010-01-05 18:28:41.000000,0,No,,,No
TORTSM03_SERVER,TCPIP,10.39.4.19,1500,,YES,TORTSM04_SERVER,2011-05-17 14:06:03.000000,NO,NO,,http://125.255.4.19:1580,2003-07-31 14:56:18.000000,ADMIN,22143,526,75,68,0,0,,,Yes,2003-08-02 16:43:15.000000,0,Yes,2003-08-02 16:43:15.000000,,No
TORTSM04_SERVER,TCPIP,10.34.5.37,1500,,YES,TORTSM03_SERVER,2011-05-17 08:03:00.000000,NO,NO,,,2003-07-31 14:56:56.000000,ADMIN,18941,322,35,8,0,0,,,Yes,2003-08-07 16:52:07.000000,,Yes,2009-06-01 16:55:48.000000,,No

ANS8002I Highest return code was 0.

Sample Out for File Spaces:

IBM Tivoli Storage Manager

Command Line Administrative Interface - Version 6, Release 1, Level 3.0

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SALGADO,SYSTEM SERVICES,5,SYSTEM,0,0,47:38.0,47:40.0,,YES,53595354454D205345525649434553
CHQCMF01,\\chqcmf01\p\$,4,NTFS,3067.09,79.42,23:27.0,23:35.0,,YES,5C5C636871636D6630315C7024
CHQCMF01,\\chqcmf01\m\$,5,NTFS,8189.35,91.88,23:35.0,25:43.0,,YES,5C5C636871636D6630315C6D24
CHQCMF01,\\chqcmf01\t\$,6,NTFS,3067.09,69.61,36:26.0,36:26.0,,YES,5C5C636871636D6630315C7424
CHQAVS00,CHQAVS00\SystemState\NULL\System State\SystemState,1,VSS,0,0,17:28.0,20:24.0,08:05
CHQAVS00,ASR,2,NTFS,0,0,19:55.0,20:24.0,,YES,415352
CHQAVS00,\\chqavs00\c\$,3,NTFS,20465.58,88.74,19:56.0,32:06.0,,YES,5C5C63687161767330305C6324
CHQAVS00,\\chqavs00\d\$,4,NTFS,20473.42,13.27,32:03.0,32:10.0,,YES,5C5C63687161767330305C6424
TORNAS01A,\\torfls00\n\$,1,NTFS,1228792.05,98.92,31:23.0,04:31.0,,YES,5C5C746F72666C7330305C6E24
TORFLS02,\\torfls02\l\$,12,NTFS,545174.52,91.7,,,05:08.0,NO,5C5C746F72666C7330325C6624
TORFLS02,\\jgalea-backup\d\$,17,NTFS,57254.99,71.75,,,53:43.0,YES,5C5C6A67616C65612D6261636B75705C6424
TORFLS02,\\torfls00\w\$,20,NTFS,667646.62,74.79,49:19.0,20:38.0,,YES,5C5C746F72666C7330305C7724
IAGO,\\torfls00\p\$,22,NTFS,153597.99,99.84,16:03.0,43:49.0,53:43.0,YES,5C5C746F72666C7330305C7024
IAGO,\\torfls00\q\$,23,NTFS,307196.02,63.26,43:49.0,05:06.0,53:43.0,YES,5C5C746F72666C7330305C7124
IAGO,\\torfls00\u\$,25,NTFS,511993.39,98.04,13:29.0,43:05.0,16:32.0,YES,5C5C746F72666C7330305C7524