2008

18 Apr 2008: Residency Announcements: ZS-S300-R01 and ZS-S300-R02: SAP on DB2 for System z: Implementing Application Servers on Linux for System z- Parts 1 and 2

Hello SAP on System z community,

Two interesting residencies on Implementing Application Servers on Linux for System z, - installation and exploration - have been announced. Both residencies are open to customers, Business Partners, and IBM employees. Nominations should be submitted online on the Web by July 28 and August 4, 2008, respectively.

Please see the following for more info, or use the link and click on "Residencies".

--- Part 1 ---------------------------------------
Residency Announcement: ZS-S300-R01 SAP on DB2 for z:
Implementing Application Servers on Linux for System z
Part 1 - the installation

Benefits to Resident: Short residency with authorship on the IBM Redbooks publication. This residency begins 06 Oct 2008, ends 17 Oct 2008 (2 weeks), and requires 2 residents. The residency is running in Poughkeepsie NY.

Nominations should be submitted online on the Web by 28 Jul 2008. The residency leader is Lydia Parziale whose email address is parziale@us.ibm.com.

Note: ITSO pays authorized travel and living expenses for all residents, but does not compensate for the time or services of its residents. For IBM employees, ITSO residency travel is pre-approved.

Description: Install and configure the SAP system with DB2 on z/OS and SAP AppServers on Linux on System z and document system for other residents who will update existing Redbook with Java and NetWeaver to bring it up to date:
SG24-6847 - *SAP on DB2 UDB for OS/390 and z/OS: Implementing Application Servers on Linux for zSeries*

Potential contribution to book: Planning your environment to leverage rapid restoration of services using System z.

To submit a nomination, you must use the online Web nomination form:

Business partners can go directly to this announcement and its online nomination form using this link.

IBM employees with access to the IBM Intranet can go directly to this announcement and its online nomination form using this link.

All residency information is available by clicking Residencies on the IBM Redbooks Internet site. Employees of IBM will prefer using the IBM Intranet site. The Web sites fully describe the residency process and offer online nomination forms.

--- Part 2 ---------------------------------------
Residency Announcement: ZS-S300-R02 SAP on DB2 for z:
Implementing Application Servers on Linux for System z
Part 2 - the exploration

Benefits to Resident: This residency begins 13 Oct 2008, ends 14 Nov 2008 (5 weeks), and requires 4 residents. The residency is running in Poughkeepsie NY.

Nominations should be submitted online on the Web by 04 Aug 2008. The residency leader is Lydia Parziale whose email address is parziale@us.ibm.com.

Note: ITSO pays authorized travel and living expenses for all residents, but does not compensate for the time or services of its residents. For IBM employees, ITSO residency travel is pre-approved.

Description: This IBM Redbook focuses on the implementation of SAP application servers on Linux for System z. It applies to IBM z/OS V1R9 (possibly v1.10), IBM z/VM V5.3, SUSE Linux Enterprise Server 10 for IBM System z, IBM DB2 9 for z/OS, and SAP ERP.

The book provides overviews of SAP and Linux and describes the planning needed for SAP on Linux on System z, including resource sharing considerations, hardware and software requirements, and support and maintenance. It focuses on how to prepare the system environment, describing system and network configurations, as well as installation and customization tasks. After detailing how to install SAP application servers in z/VM Linux images, it concludes with a description of how to clone those images.

To submit a nomination, you must use the online Web nomination form:

Business partners can go directly to this announcement and its online nomination form using this link.

IBM employees with access to the IBM Intranet can go directly to this announcement and its online nomination form using this link.

All residency information is available by clicking Residencies on the IBM Redbooks Internet site. Employees of IBM will prefer using the IBM Intranet site. The Web sites fully describe the residency process and offer online nomination forms.

02 Apr 2008: News for community running SAP applications on DB2 for z/OS on System z

Dear SAP on DB2 on IBM System z community,

- The service level 0801 is required now for DB2 9; please see SAP note 81737 for details.

- Additional course "NetWeaver on DB2 UDB for z/OS: Database Administration" (SAP course ADM530)

This hands-on class is open to IBMers, IBM Business Partners as well as IBM customers. There is no fee for this class. Travel and living expenses are the attendees' responsibility. Attendees must bring their own Thinkpads/Laptops, which will be used to connect to the lab systems for class exercises.

Note that there are **very few open seats left** so those who want to attend will have to enroll quickly. Enrollment will be on a first-come, first-served basis. Please cascade to the appropriate folks in your department. Thanks!

Schedule:

- at Montpellier PSSC, France, May 13 - 15, 2008
The course will be taught by an IBM teacher in English. Register with Philippe Deverge (deverge@fr.ibm.com) to book your seat. Note that there are very few open seats left.

- at the IBM Technology Exploration Center in Dallas, TX, May 20 - 23, 2008
This class will be held at
Floor: 5, Room: 5014, IBM TEC, 1503 LBJ Freeway, Dallas, Texas 75234., USA.
To register please send a note to Rajeev Kamath/Raleigh/IBM (rvkamath@us.ibm.com).
Please include your eMail ID, phone number and job title in the note. Note that there are very few open seats left.

Course description:

The class will focus on DB2 for SAP on z/OS, its architecture, configuration, administration, backup and recovery, performance management and high availability etc.

It is primarily intended for SAP Database Administrators, System Administrators, Persons Responsible for SAP System Configuration, SAP Project Infrastructure Team Members, Technology Consultants, FTSSs, and IT Architects. This class includes hands-on exercises to reinforce the presented material.

01 Apr 2008: IOD EMEA Conference 2008, June 3-6: Invitation brochure now available!

Dear SAP on DB2 on IBM System z community in Europe,

Please see the invitation to the IBM Information on Demand EMEA Conference in The Hague, Netherlands, on June 3-6, 2008. Near the bottom you'll find under "more information" a link at which you'll find a Conference Overview, Agenda at a Glance, Keynote Speaker Profiles, Registration Information, and much more.

Note that - in addition to many other interesting sessions - there will be one dedicated to "Why SAP on DB2 for z/OS?" SAP offers a comprehensive range of solutions to empower many aspects of business operations. SAP solutions play a critical role in almost all functional business areas. Due to its crucial impact, SAP needs the appropriate computing infrastructure that will provide for the secure, highly available and high-performing environment. System z with its flagship component DB2 Version 9.1 for z/OS provides the reference value as the host for SAP solutions. This presentation explains why DB2 quality-of-service characteristics are important for SAP, describes SAP/IBM technical cooperation in enhancing DB2 technology to meet SAP requirements, and explains major competitive advantages if the SAP database server runs on DB2 for z/OS.

03 Mar 2008: Latest news about running SAP applications on DB2 for z/OS on IBM System z

Let me give you an update on the latest news about running SAP applications on IBM DB2 for z/OS on System z:

SAP Note 81737 - current version is 671:

The latest update is a DB2 APAR for all DB2 V8 and V9 users, with a problem reported by several customers:

```
PROBLEM DESCRIPTION: ABND=04E-00E70005 at DSNXGRDS.DSNXEDS1:m175 on
PREPARE of a dynamic SQL.
```

This APAR is applicable when authorization IDs used to prepare dynamic SQL statements have one or more blanks at the end. These blanks caused DB2 to perform incorrect comparisons of the authorization IDs in the prepare path, leading to the reported abend.

```
PTF list:
    Release 8:    UK32982 available 08/01/31
    Release 9:    UK32983 available 08/01/31
```

For current information on required APARs and service levels, see SAP Note 81737:

```
 - DB2 9 for z/OS:  service level 0710 currently required
 - DB2 V8 for z/OS:  service level 0712 currently required
```

Please make sure you use the recommended service level as specified in SAP Note 81737.

It is recommended to actively and regularly check for the latest version of SAP Note 81737 in SAPNet or OSS. The PTF checker is a big help in maintaining the latest service level.

MDM (Master Data Management)

MDM (Master Data Management) is available on System z with DB2 for z/OS. The minimum prerequisite is MDM SP05 Patch01 or higher (for more details please see SAP PAM MDM 5.5 in the SAP Service Marketplace).

Planned classes for SAP on DB2 for z/OS:

```
 Course      Country    City                      Date            Class
 Type                                                             Language
 -----------------------------------------------------------------
-
 ES11E2DE   SAP NetWeaver on DB2 for z/OS Implementation and
Installation
 ES11E2DE   Germany    Duesseldorf               2008, 03/26-28      EN
 ES11E2DE   Germany    Berlin                    2008, 11/17-19      EN
 - - - - - - - - - - - - - - - - - - - - - - - - -
 ES53E2DE   SAP NetWeaver on DB2 UDB for z/OS: Database Administration
 ES53E2DE   Germany    Berlin                    2008, 06/30 - 07/04  EN
 ES53E2DE   Germany    Munich                    2008, 10/20 - 10/24  EN
 -----------------------------------------------------------------
-
 *  Class language:  GE  German, EN English
```

2007

28 Sep 2007: Invitation to IBM System z and SAP Customer Community Event / New service level required for DB2 9 for z/OS

Dear SAP on DB2 on IBM System z community,

Let me give you an update on the latest news about running SAP applications on IBM DB2 for z/OS on System z:

- Service level 0707 is now required for DB2 9 for z/OS; see SAP note 81737
- In order to be informed about the required service levels and APAR recommendations, please regularly check the latest version of SAP note 81737 in SAPNet or OSS.
- You are invited to attend the "IBM System z and SAP Customer Community Event" at the IBM Development Center in Boeblingen on October 22-23 - please find more details on the event and how to enroll below, and at the link mentioned there.

* *

The upcoming worldwide customer event "IBM System z and SAP Customer Community Event" will take place October 22-23, 2007, at the IBM System z Technology Center for SAP Applications in Boeblingen, Germany. Featuring some of our brightest SAP on System z skills, it is an excellent opportunity for exchange of experiences and networking with technical experts. the event language is English.

All details can be found at the German Web site:

  http://www.ibm.com/de/events/cce/

On the right hand side under "Download", you can find the "English description" of the event, which includes information on agenda and how to enroll.

On the left hand side, you can use "Anmeldung" (registration) to enroll, or you can view the planned "Agenda".

Some more quick info:

Target Audience:
        IBM clients running or interested in running SAP applications on DB2 for z/OS on IBM System z. IT managers and technical strategy experts.
Description:
        IBM invites clients to join the customer community event on "Running SAP applications on IBM DB2 for z/OS on System z" at the IBM System z Technology Center for SAP Applications in Boeblingen, Germany.

        The agenda features topics like the green data center, development news on the SAP on DB2 for z/OS solution, DB2 for z/OS as the database server for SAP, and SAP BI with System z.
Date:
        October 22 - 23, 2007
        Monday: Registration from 12:30 pm; sessions will start at 1:30 pm.
        Tuesday: 9:00 am - 4:30 pm
Location:
        IBM Development Center
        IBM System z Technology Center for SAP Applications
        Schoenaicher Str. 220
        Room: Auditorium
        71032 Boeblingen, Germany
        Phone: + 49-7031-16-
Language:
        English
Cost:
        Free of charge (cost of travel & living to be covered by participants)
Evening event:

Participants will be invited for dinner in the evening, which offers an additional opportunity for networking and professional exchange.

Hotel:

Hotel reservations are the responsibility of the participant. A contingent of rooms has been reserved at the Mercure Hotel Stuttgart Sindelfingen an der Messe in Sindelfingen from October 22nd - 23rd. The room rate is 84 EUR (excl. breakfast) or 99 EUR (incl. breakfast). E-mail: H2939@accor.com, phone: +49-7031-61960, fax: +49-7031-6196888. For booking, use the keyword "System z". Please note the limited availability, and book soon.

Travel details:

Directions to IBM Deutschland Entwicklung GmbH
Directions in German

For enrollment please send an e-mail to: boebc@de.ibm.com. Customers and their accompanying IBM representatives are enrolled with priority.

21 Aug 2007: Latest news about running the SAP on DB2 for z/OS on System z solution

Dear SAP on DB2 on IBM System z community,

This mail summarizes the news of the last weeks which may be of interest for users of the SAP on DB2 for z/OS solution.

Overview of topics addressed

- IBM DB2 9 for z/OS has been successfully certified for all SAP solutions based on the current SAP technologies.
- New service level 0705 required for DB2 for z/OS V8; check out SAP note 81737
- You are invited to join in for upcoming teleconferences:
    - Sept. 4: telco on DB2 9 for z/OS features with Johannes Schuetzner
    - Sept. 18: telco on IBM database tools in an SAP environment, with Elaine Morelli
- latest overview of various kinds of documentation concerning the SAP on DB2 for z/OS solution

Details

- IBM DB2 9 for z/OS has been successfully certified for all SAP solutions based on the current SAP technologies. For migration to DB2 9 and prerequisites please refer to:
    - SAP note: 1043951
    - SAP on IBM DB2 for z/OS - Best Practice for Installing or Migrating to DB2 V9 (June 2007) (ID81)
    At http://service.sap.com/SolutionManagerBP (UserID and password to log in to SAP Service Marketplace required.)

Select "Best Practices Filtered for Solution Management", then "Availability", then "By topic area". The SAP Product Availability Matrix (PAM) will also reflect this certification.

You may also check out the SAP Community Network with more details on the successful certification of IBM DB2 9 for z/OS to support SAP systems, and links to new IBM Redbooks.

- New service level required for DB2 for z/OS V8: service level 0705
Please make sure that you are using the recommended service levels as specified in SAP note 81737. It is recommended to actively and regularly check for the latest version of SAP note 81737 in SAPNet or OSS. The PTF checker is a big help in maintaining the latest service level.
- You are invited to join in for upcoming teleconferences:
  - **Sept. 4: telco on DB2 9 for z/OS features, with Johannes Schuetzner:**

    Time: In order to accommodate multiple time zones, the teleconference is offered at two separate times. Both will include a live question and answer session:

    First Call: 9:30AM EDT, 2:30PM BST, 3:30PM CET

    Second Call: 9:30AM PDT, 12:30PM EDT, 5:30PM BST, 6:30PM CET

    Length: Approximately 1 hour

    You can register now at http://www.ibm.com/software/zseries/telecon/sep4.

    This teleconference will also be available for replay after the event - after you have registered you will receive a mail with details also on the replay.

  - **Sept. 18: telco on IBM database tools in an SAP environment, with Elaine Morelli:**

    Time: In order to accommodate multiple time zones, the teleconference is offered at two separate times. Both will include a live question and answer session:

    First Call: 9:30AM EDT, 2:30PM BST, 3:30PM CET

    Second Call: 9:30AM PDT, 12:30PM EDT, 5:30PM BST, 6:30PM CET

    Length: Approximately 1 hour

You can register now at
http://www.ibm.com/software/os/systemz/telecon/sep18/.

This teleconference will also be available for replay after the event - after you have registered you will receive a mail with details also on the replay.

- latest overview of various kinds of documentation concerning the SAP on DB2 for z/OS solution (see "Related Documentation" under the "Documentation" link to the left).

09 Aug 2007: Invitation to September 4 Teleconference: DB2 9 for z/OS ingredients for SAP

Dear SAP on DB2 on IBM System z community,

You are invited to join in for a teleconference on DB2 9 for z/OS features with Johannes Schuetzner:

Join in for a teleconference on DB2 9 for z/OS features on September 4th

Title: DB2 9 for z/OS ingredients for SAP

Broadcast date: September 4, 2007

Time: In order to accommodate multiple time zones, the teleconference is offered at two separate times. Both will include a live question and answer session:

First Call: 9:30AM EDT, 2:30PM BST, 3:30PM CET

Second Call: 9:30AM PDT, 12:30PM EDT, 5:30PM BST, 6:30PM CET

Developed for: DBAs, system programmers, application developers and architects, business analysts, SAP administrators

Technical level: Intermediate

DB2 9 for z/OS offers extensive enhancements over prior versions, almost all of which are designed to enhance an SAP environment. Although DB2 9 may actually look and feel the same, it can enable huge savings in administrative tasks -- once you understand how to automate them. Learn how it can speed up SAP applications and SAP business intelligence -- for maximum availability.

This complimentary teleconference covers DB2 9 for z/OS features, especially those that are most relevant for SAP. DB2 9 for z/OS provides a wealth of new and enhanced functionality, with an "awareness" of SAP capabilities that it uses to make recommendations. This results in reduced overhead and easier administration. The new

release further extends the lead of DB2 in the area of business resilience, with an enhanced out-of-the-box experience, particularly for SAP business intelligence. Whether you're an SAP user, or just curious about how to get more out of DB2 9 for z/OS, in this introduction you will become familiar with a variety of exciting new features.

Join us and we'll share with you the highlights of DB2 9 for z/OS, including:

- Automated backup and recovery based on FlashCopy with a single point of control
- New autonomic DB2 features, such as partition-by-growth tablespaces and creation of database objects
- Facilitated cloning of DB2 subsystems, a common task with SAP

Speaker: Johannes Schuetzner, SAP on DB2 for z/OS Development

This teleconference will also be available for replay after the event.

Register now at http://www.ibm.com/software/zseries/telecon/sep4.

17 Jul 2007: SAP on DB2/System z: DB2 9 for z/OS - SAP certification successfully completed!

Dear SAP on DB2 on IBM System z community,

At the end of last week SAP certified DB2 9 for z/OS to support SAP solutions. Find more details in SAP Note 1043951. Also SAP Note 81737 has been updated accordingly.

Please see the information from Bernhard Heininger, SAP Development Manager:

```
To whom it may concern,   please forward as appropriate!

IBM DB2 for z/OS V9 has been successfully certified to support SAP
systems!

After a formal verification process of the functionality and
quality of the new DB2 database release with regard to SAP environments
and its products SAP solutions are now supported on DB2 for z/OS V9.

The new database version has well passed SAP's validation tests on
SAP R/3 4.6, SAP NetWeaver '04, SAP NetWeaver 7.0 and SAP ABAP stack
7.1.

Now on Friday July 13, 2007 SAP releases DB2 for z/OS V9 for all SAP
solutions based on the current SAP technologies.

For migration to DB2 V9 and prerequisites please refer to the
SAP note: 1043951 and the attached Best Practices document.
```

```
The release will be reflected in the SAP Product Availability Matrix
(PAM)
shortly.


Best regards,

Bernhard Heininger
Development Manager
IBM System z
SAP AG
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F:   +49 6227 78-16372
M:   +49 160 90819547
mailto:Bernhard.Heininger@sap.com
www.sap.com
```

29 Mar 2007: SAP on DB2/System z: Important APARs (81737), Scheduled Classes for 2007, EOS for z/OS 1.4, 1.5, 1.6

Dear friends of SAP on System z,

Please find a collection of news and good-to-knows on the SAP on DB2 for z/OS platform below.

SAP Note 81737 and required service level:

- Please note that problems with lock escalations were experienced - see PK41812 (DB2 Version 8):
-
- SQLCODE904N RC00C90096 NUMLKUS REACHED WITH
- PK19653/UK16666 INSTALLED. 07/03/23 PTF PECHANGE.

- Service level 0612 is required for DB2 V7 since Feb. 2007. As of today, this is planned to be the last service level to be tested for V7.
- Service level 0610 is required for DB2 V8 since Dec. 2006.
- DB2 Connect FP14 became available.
- Please check regularly for the latest version of SAP Note 81737 in SAPNet or OSS.

End of Service for z/OS:

- End of service (EOS) for z/OS 1.4 and 1.5 planned for 03/31/2007
- Service will be also be discontinued (EOS) for z/OS 1.6 after 08/30/2007

Please check at
http://www.ibm.com/servers/eserver/zseries/zos/support/zos_eos_dates.html.

Find information on the availability of the different DB2 for z/OS and DB2 for OS/390 and z/OS versions at http://www.ibm.com/software/data/db2/zos/support/plc/

Overview of technical papers and IBM Redbooks for SAP on DB2 for z/OS on System z:

A complete list of related documentation is now available in the documentation file downloadable from the "Documentation" page under "Related Documentation". This file contains the descriptions and links that were formerly on this page.

Currently planned classes for SAP on DB2 for z/OS in 2007

Please note that one course (ES532) in the U.S. has been added. For details or to enroll, please use this link: http://www.ibm.com/services/learning

```
Course      Country    City              Date            Class
Type                                                      Language
-----------------------------------------------------------------
ES11E2DE    SAP NetWeaver on DB2 UDB for z/OS:
            Implementation and Installation
ES11E2DE    Germany    Munich            2007, 10/15-17   English
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
ES53E1DE    SAP NetWeaver on DB2 UDB for z/OS:
            Database Administration
ES53E1DE    Germany    Duesseldorf       2007, 05/21-25   English
ES53E1DE    Germany    Stuttgart-        2007, 10/22-26   English
                          Degerloch
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
ES532       SAP NetWeaver on DB2 UDB for z/OS:
            Database Administration
ES532       USA        Atlanta           2007,
                                           04/30 - 05/04  English
```

29 Jan 2007: SAP on DB2/System z: Classes in 2007, EOS z/OS 1.4&1.5, Technical Papers

Dear friends of SAP on System z,

I hope that everybody had a good start into the new year. To support your business activities, please find a collection of news and good-to-knows on the SAP on DB2 for z/OS platform below.

Overview:

- End of service for z/OS 1.4 and 1.5 planned for 03/31/2007
- Recent technical papers and IBM Redbooks:
    - SAP NetWeaver Business Intelligence on System z9 and DB2 for z/OS
    - IBM System z9 zIIP Measurements: SAP OLTP, BI Batch, SAP BW Query, and DB2 Utility Workloads
    - LOBs with DB2 for z/OS: Stronger and Faster
- Overview of technical papers and IBM Redbooks in the context of SAP on DB2 for z/OS on System z
- Currently planned classes for SAP on DB2 for z/OS in 2007

Details and links for the above topics:

- End of service for z/OS 1.4 and 1.5 planned for 03/31/2007. Please check at: http://www.ibm.com/servers/eserver/zseries/zos/support/zos_eos_dates.html
- Recent technical papers and IBM Redbooks:
    - *SAP NetWeaver Business Intelligence on System z9 and DB2 for z/OS.* December 2006
      Currently available only on an IBM internal Web site. Please request it if you do not have access. Size approx. 3.5 MB. General availability is planned for the IBM SAP Alliance portal.
    - *IBM System z9 zIIP Measurements: SAP OLTP, BI Batch, SAP BW Query, and DB2 Utility Workloads*
      http://www.ibm.com/support/techdocs/atsmastr.nsf/WebIndex/WP100836
    - *LOBs with DB2 for z/OS: Stronger and Faster*
      http://www.redbooks.ibm.com/abstracts/sg247270.html
- For an overview of technical papers and IBM Redbooks in the context of SAP on DB2 for z/OS on System z, click on the Documentation link to the left.
- Currently planned classes for SAP on DB2 for z/OS in 2007. For details or to enroll, please use the link: http://www.ibm.com/services/learning
-
- ```
   Course      Country     City              Date
  Class
  ```
- ```
   Type
  Language
  ```
- ```
   ---------------------------------------------------------------
  -------
  ```
- ```
   ES11E2DE   SAP NetWeaver on DB2 UDB for z/OS:
  ```
- ```
             Implementation and Installation
  ```
-
- ```
   ES11E2DE   Germany    Berlin            2007, 03/28-30
  English
  ```
- ```
   ES11E2DE   Germany    Munich            2007, 10/15-17
  English
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   ES53E1DE   SAP NetWeaver on DB2 UDB for z/OS:
  ```
- ```
             Database Administration
  ```

-
-   ES53E1DE   Germany   Duesseldorf   2007, 05/21-25
    English
-   ES53E1DE   Germany   Stuttgart-   2007, 10/22-26
    English
-                          Degerloch

2006

20 Sep 2006: Invitation for SAP on System z Customer Event in Boeblingen, Germany, Oct 11-12

Dear friends of SAP on System z,

The year 2006 marks the 10th anniversary of our SAP solution on IBM System z! During this time, we have seen significant enhancements and enjoyed much success with you, our customers. We would like to share the enthusiasm with you!

On October 11th and 12th, we will be sponsoring a two-day event centered around SAP solutions on IBM System z. This is open to existing customers and to those who may be interested in implementing SAP solutions on System z. Carol Stafford, IBM Vice President - System z9 Sales Worldwide, will host the event to be held at the IBM Development Center in Boeblingen, Germany. You will have the opportunity to meet and network with other SAP on System z customers, executives and experts from SAP and IBM.

Starting right after the customer event is a Performance Workshop "SAP Business Intelligence on IBM DB2 for z/OS", offered by SAP and IBM at the same IBM location in Boeblingen. Both events are offered free of charge, and the session language is English.

Customer Community Event - 10 Years of SAP on System z
This is a strategic event and will allow you to understand IBM's investments in the SAP solution on IBM System z and understand IBM's and SAP's strategy going forward. It addresses IT Managers and technical experts who influence strategic directions. Evening event at one of the best restaurants in the region, which has been decorated with a Michelin star for many years, and more opportunities to exchange experiences in a relaxed atmosphere.


```
Addressing:  IT managers and technical experts who influence
             strategic directions.
Date:        Wednesday, Oct. 11, 10 a.m. until
             Thursday, Oct. 12, approx. 12:30 p.m.
Location:    IBM Development Center Boeblingen, Schoenaicher Str. 220
```
More info

Performance Workshop "SAP Business Intelligence on IBM DB2 for z/OS"
IBM and SAP offer this workshop in Boeblingen; an evening event allows to get together
and exchange experiences in a relaxed atmosphere.


```
Addressing:   Technical experts responsible for running SAP
              Business Intelligence on IBM DB2 for z/OS
Date:         Thursday, Oct. 12, 2 p.m. until
              Friday, Oct. 13, approx. 12:30 p.m.
Location:     IBM Development Center Boeblingen, Schoenaicher Str. 220
```
More info

Looking forward to meeting you in Boeblingen!

25 Aug 2006: Residency Announcement:
ZS-S220-R02 DB2 v9 and SAP enhancements and how they complement each other
on System z

Dear SAP on DB2 on IBM System z community,

There is an opportunity to participate in an upcoming residency on DB2 V9 and SAP
enhancements and how they complement each other on System z. It begins 02 Oct 2006,
ends 27 Oct 2006, and is running in Poughkeepsie, NY. As a resident you can benefit
from hands-on experience using DB2 V9, DB2 Connect V9.1 and SAP in the System z
environment, among others - please read the details below.

I had some inquiries about DB2 V9 piloting and experiences - this may be a fantastic
opportunity to get first hand knowledge!

This residency is open to customers.

Residency Announcement: ZS-S220-R02 DB2 v9 and SAP enhancements and how
they complement each other on System z

Benefits to Resident: The resident will experience hands-on experience using DB2 v9,
DB2 Connect v9.1 and SAP in the System z environment. They will also be exposed to
the System z ZIIP and learn about how to exploit this feature when installing these
components. In addition, some of the enhancements for the SAP BW environment will be
explored and discussed.

This residency begins 02 Oct 2006, ends 27 Oct 2006 (4 weeks), and requires 4 residents.
The residency is running in Poughkeepsie NY.

Nominations should be submitted online on the Web by 22 Sep 2006.

The residency leader is Lydia Parziale (parziale@us.ibm.com).

Note: ITSO pays authorized travel and living expenses for all residents, but does not compensate for the time or services of its residents. For IBM employees, ITSO residency travel is pre-approved.

Residency Description: This book presents the SAP features for DB2 for z/OS V9 and for DB2 Connect V9.1. It demonstrates the best ways to exploit these new features to achieve performance benefits. This IBM Redbooks publication will also emphasize what we are doing on System z with DB2 and SAP to facilitate higher availability and why DB2 v9 is better for SAP on System z. The publication demonstrates how DB2 v9 and SAP changes complement each other on System z.

Potential topics that may explored:

- Minimizing a migration outage
- DB2 v9 schema changes and how they enhance SAP
- New Data Types and how SAP can exploit them
- New Indexing capabilities
- Security and Encryption -
- Utilities - new features and functions
- GDPS
- DB2 Connect v9.1
- ZIIP
- Capacity Planning
- Hints and Tips
- WLM new features for autonomic DB2 buffer pooling
- Cloning Enhancements
- Additional Tools Available
- Performance Tuning
- Facilitating Database Administration

A sample Table of Contents is included here:

- Introduction
- Architecture (including DB2 Connect, 64-bit storage)
- Usability, availability, scalability
- SAP Business Warehouse
- Performance
- Tools and administration
- Backup/recovery
- Security features

All residency information is available by clicking "Residencies" at the IBM Redbooks Internet site. Employees of IBM will prefer using the IBM Intranet site. The Web sites fully describe the residency process and offer online nomination forms.

15 Aug 2006: SAP on DB2 for IBM System z: Latest news and information

Dear SAP on DB2 on IBM System z community,

Please learn about the latest information on the SAP on DB2 for z/OS platform:

Just during the last few days, there was a press release on IBM investment in the delivery of SAP applications on the System z mainframe, covering the IBM System z Technology Center and IBM System z9 Advantage for SAP Applications.
Link to press release of August 8.
Link to related German press release, August 9.

Also, I'd like to draw your attention to the upcoming conference
IBM Information on Demand 2006 in Anaheim, Ca., USA, October 15-20:

Six conferences are combined into one Premier Information Management Global Conference. This new conference includes a combination of all of the previous technical conferences (DB2, CM, IMS, and Information Integration), and will incorporate the same focused skill-building sessions by product area. Peek at the details.

21 Jun 2006: SAP on DB2 / IBM System z: Latest news and information

Dear SAP on DB2 / IBM System z community,

Please learn about the latest information on the SAP on DB2 for z/OS platform.

New functionality: CCMS now offers historical information on the DB2 statement cache statistics. In periodic intervals, the RFCOSCOL alert router retrieves the statement cache statistics from DB2 and persistently stores the 50 statements with the largest accumulated elapsed time in the interval since the previous time historical statement cache statistics have been retrieved. This interval is controlled by the DB2 statistics interval (ZPARM STATIME).

To view the statement cache statistics history, go to transaction ST04 or DB2 and select 'Cached Statements Statistics'. Selecting the new option 'Display historical statements', you enter the history mode and the latest history snapshot is displayed. For details and a description of how to exploit this new functionality in the WebAS releases 6.10, 6.20 and 6.40, see SAP note 955047.

Important service recommendations are always available at the most current level in SAP note 81737. Please check regularly the latest version in SAPNet or OSS. The PTF checker tool supports you in evaluating which recommended service might be missing from your system. One of the major changes during the last weeks was that a new service level is required for DB2 V8: it is service level 0604 plus HIPER APARs and a number of APARs which are listed in SAP note 81737.

19 Apr 2006: SAP on DB2 / IBM System z: Overview of papers; Required service level (SAP Note 81737)

Dear SAP on DB2 / IBM System z community,

Here is the latest information on the SAP on DB2 for z/OS platform.

1. New documentation available:

- *Best Practices - Top Ten SAP BW recommendations*
- *Running Linux on IBM System z9 and zSeries under z/VM*

2. Latest service recommendations: always consult SAP Note 81737
Please check on a regular basis that your system is at a current service level according to SAP Note 81737. This note is frequently updated. A recent update now requires DB2 V8 service level 0601.

And now in more detail:

1. There is a new Technote available for customers, Business Partners, and IBM employees:

SAP BW and DB2 for z/OS V8, TIPS0577, 2006-03-14, ISBN: 0738496405;

Best Practices - Top Ten SAP BW recommendations

Here are a base set of recommendations for SAP BW implementations on DB2 on z/OS. Customers who follow these recommendations have demonstrated greater maintenance and query stability, resulting in better performance of the System z SAP BW installation

For related information about this topic, refer to the following IBM Redbooks publication: Best Practices for SAP Business Information Warehouse on DB2 for z/OS V8, SG24-6489-00

Running Linux on IBM System z9 and zSeries under z/VM, SG24-6311-00, 2006-02-21, ISBN: 0738496405;

This IBM Redbooks publication discusses running Linux under z/VM on IBM System z9 and zSeries platforms. We describe enhancements available in z/VM Version 5.1. The intended audience for this book are IT administrators responsible for installing and configuring z/VM 5.1 systems running Linux guests.

IBM Product Documentation can be found at http://ibm.com/support/publications/us/

To search for specific IBM documentation on SAP on zSeries, click on the Documentation link to the left.

2. Follow SAP Note 81737 recommendations to ensure a current service level

SAP Note 81737 is frequently updated to reflect the most current service level recommendations. Please check it regularly - the current version is 601. Among the most recent updates:

- New service level 0601 for DB2 V8 has been required since the beginning of April
- Several APARs that are important in SAP on DB2 environments have been added.

16 Feb 2006: SAP on DB2 / IBM System z: New Techdocs paper; Scheduled classes; Required service level (SAP Note 81737)

Dear SAP on DB2 / IBM System z community,

Here is some new information on the SAP on DB2 for z/OS platform:

1. New Techdocs paper available: *SAP Application Server Measurements on IBM eServer zSeries Using Linux for zSeries and z/VM*
2. Overview of currently scheduled classes
3. Please check on a regular basis that your system is at a current service level according to SAP Note 81737. This note is frequently updated.

And now in more detail:

1. There is a new Techdocs paper available for customers, Business Partners, and IBM employees:

SAP Application Server Measurements on IBM eServer zSeries Using Linux for zSeries and z/VM
Document ID: WP100722, IBM Americas Advanced Technical Support
Authors: Michael R. Sheets, Seewah Chan, Paul DeLessio, Paul Lekkas
Products covered: 2064; IBM eServer zSeries; Linux on zSeries; LPAR; SAP; zSeries 900; zSeries; z/OS; z/VM

You can find it at: http://www.ibm.com/support/techdocs/atsmastr.nsf/ WebIndex/WP100722

Business partners can also find it at: http://partners.boulder.ibm.com/src/atsmastr.nsf/ WebIndex/WP100722

and IBM employees can access it at: http://www.ibm.com/support/techdocs/atsmastr.nsf/ WebIndex/WP100722

Information from the Abstract:
There are several options for running application servers with a DB2 for z/OS SAP DB Server. One of the more intriguing options is running the SAP Application Server

functions on Linux for zSeries. This option is of particular interest because it exploits both the hardware and virtualization capabilities intrinsic to zSeries. Further, customers have the option to run these Application Server functions on Linux for zSeries with z/VM for further virtualization and management capabilities. z/VM plays an important complementary role with IBM's Dynamic Infrastructure that can help customers reduce their total cost of ownership. Customers in other Linux for zSeries environments have found that z/VM provides significant value.

This paper describes several measurements, or stress tests, that were done using the Application Server functions with Linux for zSeries. We looked at environments with and without z/VM. Finally, we looked at two releases of z/VM -- 5.1 and the newly released 5.2. The goal of this effort was to investigate some of the performance impacts and tradeoffs.

2. Overview of educational classes scheduled for SAP on DB2 for z/OS

```
ES11E2DE   SAP Web AS Introduction and Implementation (DB2 for z/OS):
Stuttgart-Degerloch, Germany, May 02-04, 2006   Language: English
Dietzenbach, Germany, September 04-06, 2006      Language: English
----------------------------------------------------------------
ES53E1DE   SAP Web AS Database Operation (DB2 for z/OS)
Stuttgart-Degerloch, Germany, May 15-19, 2006   Language: English
Dietzenbach, Germany, September 11-15, 2006      Language: English
```

3. Follow SAP Note 81737 recommendations to ensure a current service level
SAP Note 81737 is frequently updated to reflect the most current service level recommendations. Please check it regularly. The current version is 588, which means that there have been 10 updates in 2006. Among the recent updates:

- New service level 0511 for DB2 V7 is required now.
- New service level 0510 for DB2 V8 has been required since December 2005.
- Several DB2 APARs were added that resolve problems in SAP on DB2 environments.

30 Jan 2006: Automating DB failover; z/OS 1.7 released; SAP Note 81737

Hello SAP on DB2 / IBM System z community,

Latest news on SAP on DB2 for IBM System z:

- Find out about sought-after new functionality:
  New ABAP function modules have been introduced that redirect SAP instances to another DB2 member. These function modules are RFC-enabled and can be invoked from automation software via the RFC SDK. This may be used if you would like to reconnect SAP instances to another DB2 member, for example in order to automate DB2 maintenance operations. See SAP Note 915482 "DB2-z/OS: Automating DB failover" for details.

- z/OS 1.7 is certified for use with SAP on DB2 on System z (see PAM).
- Please check regularly that your systems are at an up-to-date service level, based on SAP Note 81737. The PTF check tool supports you in finding out if required PTFs are missing from your system (for details, see Note 183311).

  Currently, version 584 is the latest one for SAP Note 81737. The latest changes include:

  - Service level 0510 is required for DB2 V8 (since December 21, 2005)
  - Service level 0511 is required for DB2 V7 (since January 20, 2006)
  - APARs are continually being added due to customer experience in an SAP environment.

2005

22 Sep 2005: Required service level (SAP Note 81737) and other SAP on DB2 for z/OS info

Hello SAP on DB2 / zSeries community,

Here is the updated list of the most recent IBM Redbooks and white papers that in particular cover aspects of the SAP on DB2 for z/OS solution. Benefit from the experiences that are described in these documents.

Please check regularly that your systems are at an up-to-date service level, based on SAP Note 81737. The PTF check tool supports you in finding out if required PTFs have been applied to your z/OS system (for details, see SAP Note 183311).

The latest version of SAP Note 81737 is 566 as of this time.

Changes during the last weeks include:

- Service level 0507 is required for DB2 V8 (as of today)
- Service level 0505 is required for DB2 V7 (since July 2005)
- The latest DB2 Connect fixpak released for use is FP9
- Both OEM and non-OEM customers can now download DB2 Connect fixpaks and special builds from the [SAP Service Marketplace](#).
- APARs added due to customer experience:
  - APAR PK05202 (TCP/IP) - PTFs are available:
  -
  - `ABEND0C4 IN EZBITMSG TRYING TO OUTPUT MESSAGE EZZ8302I OR`
  - `THE TCPJOBNAME AND MVSNAME ARE BAD IN MESSAGE EZZ8302I`

    This APAR solved a serious problem in a customer's SAP HA environment: A 0C4 abend can occur when a dynamic VIPA is moved from one system to another.

- o APAR PK11355 (DB2 V8), HIPER - an APAR fix is available:
- o
- o SEVERE PERFORMANCE PROBLEM FOR DISTRIBUTED
- o FETCH PROCESSING FOR DB2 V8 ONLY

> Resolved a serious DB2 / DB2 Connect performance problem.

(Click on the "Documentation" link to the left for an updated documentation list corresponding to the file that accompanied this newsletter.)

27 Jun 2005: Health Check Of Your SAP/zSeries DB2 Environment - Cookbook / Replay of Telco

Hello SAP on DB2 / zSeries community,

On June 24th, an interesting teleconference took place:

How To Perform A Health Check Of Your SAP/zSeries DB2 Environment

moderated by Alan Smith, and with presentations given by Albert Rodi, IBM: Americas SAP/zSeries Technical Specialist, and Steven Bergmann, IBM: ISICC (IBM SAP International Competence Center located in Walldorf, Germany).

If you missed this call: a replay of this telco will be available till July 8.

```
Dial in (UK number only, sorry):  +44 - 207 - 031 - 4064
Pass code:  664980
```

From within the UK there is an 0800 number also:

```
Free phone number: 0800 358 1860 (UK Only)
Pass code: 664980
```

A softcopy presentation has been posted on the Web at:
http://www.ibm.com/servers/uk/eserver/zseries/sap/

Also I learned that the Health Check Cookbook mentioned in the call is ready to make its debut. The document will be placed on TechDocs as well. Any comments and recommendations are welcome.

17 Jun 2005: June 24-Telco: Health Check Of Your SAP/zSeries DB2 Environment

Hello SAP on DB2 / zSeries community,

There is a teleconference planned for next Friday, June 24th, that may be interesting for you or your colleagues:

How To Perform A Health Check Of Your SAP/zSeries DB2 Environment

IBM is pleased to invite you to the first in a series of SAP/zSeries (zSAP) Solution Update events in 2005. The purpose of these events is to keep you up-to-date by sharing critical and useful information and enhancements related to the zSAP solution.

Conference Call Information

```
Date: Friday, June  24, 2005
Time: 13.30 GMT, 14.30 CET

Call-In Numbers:

UK & International Call In    +44 (0) 20 7162 0180
France, Paris                 +331 7099 3212
Germany, Frankfurt            +4969 58 999 0509
Netherlands, Amsterdam        +3120 796 5012
Belgium, Brussels             +322 290 1411
Spain, Madrid                 +349 1788 9511
Italy, Milan                  +39 0230 350 9005
Sweden, Stockholm             +468 5052 0114
Denmark, Copenhagen           +45 3271 4611
Switzerland, Geneva           +412 2592 7011
Ireland, Dublin               +353 1 436 4108
Portugal, Lisbon              +35 12 112 01 732
Finland, Helsinki             +358 92313 9202
Austria, Vienna               +43 0 268 220 56 293
Norway, Oslo                  +47 800 13 426

Passcode: n/a
Call Leader: Alan Smith
```

Summary

The zSeries SAP Health Check is an infrastructure and system performance review of the SAP/zSeries with DB2 environment which helps ensure that the underlying components, parameters, and system setup are positioned for maximum effectiveness, and are consistent with the latest recommendations of the joint IBM/SAP Development Team.

Agenda

```
  -- What is a zSAP Health Check?
  -- How often should you perform a Health Check?
  -- What tools/utilities/transactions are employed
     during the Health Check?
  -- What resources are required to perform
```

```
    a Health Check?
-- What should be reviewed during a Health Check?
-- How should the results of the Health Check
   be documented?
```

The speakers for this call will be:

```
-- Albert Rodi, IBM: Americas SAP/zSeries Technical
   Specialist
-- Steven Bergmann, IBM: ISICC (IBM SAP International
   Competence Center located in Walldorf, Germany)
```

During the presentation portion of the call, your line will be in listen only mode. A short Question & Answer session facilitated by a conference call operator will occur at the end of each topic. A softcopy presentation will be distributed to you prior to the call (posted on the web).

You can find more information on the following URL:
http://www.ibm.com/servers/uk/eserver/zseries/sap/

I hope you will join us on June 24th.

03 Jun 2005: News on EP 6.0 / End of service DB2 V6, SAP 6.20 kernel / Required service level (SAP note 81737)

Hello SAP on DB2 / zSeries community,

Excellent news: SAP EP 6.0 is planned for DB2 UDB on z/OS (zSeries) on WebAS 6.40 in 3Q 2005, as you can see in SAP's Product Availability Matrix (PAM). For details, please see SAP NetWeaver '04 SR1 PAM at the SAP Service Marketplace (user ID and password are required for access).

Note that the following service will expire at the end of this month:

- DB2 V6 end of service: 06/30/2005
- SAP 6.20 kernel end-of-life: 06/30/2005 (is replaced by 6.40 downward compatible kernel)

Please check regularly that your systems are at an up-to-date service level, based on SAP note 81737. The PTF check tool supports you in finding out if required PTFs have been applied to your z/OS system (for details, see SAP note 183311).

The latest version of SAP note 81737 is 549 as of today.

Changes during recent weeks include:

- Removal of z/OS 1.3 PTFs due to end of service 03/2005

- Service level 0501 (SUP level) is required for DB2 V8 (since 03/2005)
- Service level 0502 is required for DB2 V7 (since 04/2005)
- DB2 Connect FP8 became available for OEM customers
- A number of APARs and PTFs have been added

Customer experience:

One of our customers using DB2 V8 experienced SQL Code-4702, and the recommendation is to install UK01913 (PK01388) - fix completion for PQ97131.

Please see also

```
PK03998 (currently OPEN)

        SQLCODE -4702 ON ALTER RECEIVED, THE CURRENT AND OLDEST
VERSIONS
        OF THE INDEX IS USED IN RDS, BUT UTILITIES ZERO'S OUT PGLOGRBA
```

and review

```
PQ98717 (PTF UQ86511 included in required service level 0501)
        SQLCODE -4702 ON ALTER RECEIVED BECAUSE REORG/REBUILD DOES NOT
        RESET THE VERSIONS IN SYSINDEXES WHEN THE IOFACTOR IS 1
        Describes LOCAL FIX how to update the IOFACTOR of affected
indexes.
```

15 Apr 2005: New white paper on installing DB2 Connect V8 for SAP, and more info about SAP on DB2 / zSeries

Dear friends of mySAP on zSeries,

I'd like to point you to some recently published technical documentation which may be interesting for you:

A new white paper has just become available: "Tips for Installing DB2 Connect V8 on SAP with DB2 UDB for z/OS V8". It is now online at
http://www.ibm.com/support/docview.wss?rs=64&uid=swg27005934

The IBM Redbooks publication "DB2 for z/OS Version 8: Everything You Ever Wanted to Know, ... and More", SG24-6079, has just been updated (2005-04-11)
http://www.redbooks.ibm.com/abstracts/sg246079.html?Open

There is a draft for a new BW IBM Redbooks publication available: "Best Practices for SAP Business Information Warehouse on DB2 for z/OS V8" - to be published soon.
http://www.redbooks.ibm.com/abstracts/sg246489.html?Open

These and more can be found in the updated list of IBM Redbooks and white papers that especially cover aspects of the SAP on DB2 for z/OS solution - please benefit from the experiences that are described in these documents.

You can find important service recommendations in SAP Note 81737.
Please check regularly the latest version in SAPNet or OSS. The PTF checker tool supports you in evaluating which recommended service level might be missing from your system.

One of the major changes during the last weeks was that for DB2 V8 a new service level is required: it is the DB2 V8 SUP tape (which is equivalent to service level 051 plus a number of APARs). z/OS 1.3 is no longer in maintenance, and do not forget that end-of-service for DB2 V6 is planned for 06/2005.

28 Feb 2005: Residency: IBM Dynamic Infrastructure for mySAP Business Suite on IBM zSeries / IBM Redbooks / WP

Dear friends of mySAP on zSeries,

See the "Documentation" link to the left for an updated list of IBM Redbooks and white papers that cover aspects of the solution SAP on DB2 for z/OS - benefit from the experiences that are described in these documents.

Ever thought about joining a team in order to share knowledge and gain experience in a new technology environment, and contribute to writing an IBM Redbooks publication? Well, here is your chance: participate in a residency covering **IBM Dynamic Infrastructure for mySAP Business Suite**. It will run in Poughkeepsie, N.Y. from March 21 to April 25, 2005.

Note that authorized travel and living expenses for all residents are paid for, but there is no compensation for the time or services of its residents. For IBM employees, ITSO residency travel is pre-approved.

Nominations should be submitted online by March 11, 2005.

If interested, please find more details below.

----- Forwarded by Christine Gaul-Gaensslen/Germany/IBM on 28.02.2005 11:28 -----

From the residency leader Lydia Parziale (email address: parziale@us.ibm.com):

Please forward this note to other interested parties.

Residency Announcement: ZS-I201-R01 IBM Dynamic Infrastructure (IDI) for mySAP Business Suite on IBM zSeries

Benefits to Resident: Return home with billable skills.

Provides an excellent opportunity to define how IDI may be used to provide on demand solutions. Work closely with other specialists and be able to share knowledge and experience in this new technology environment via hands-on experience

Residents will have the opportunity to interact with lab experts in the field and develop key contacts.

This residency begins 21 Mar 2005, ends 25 Apr 2005 (5 weeks), and requires 4 residents. The residency is running in Poughkeepsie NY.

Nominations should be submitted online on the Web by 11 Mar 2005.

The residency leader is Lydia Parziale, whose email address is parziale@us.ibm.com.

Note: ITSO pays authorized travel and living expenses for all residents, but does not compensate for the time or services of its residents. For IBM employees, ITSO residency travel is pre-approved.

Residency Description: IBM Dynamic Infrastructure (IDI) for mySAP Business Suite is the new systems management software that enables clients to achieve a better balance between the demand for SAP computing resources and the supply of those resources. IDI for mySAP Business Suite helps reduce total cost of ownership and improve the quality of service in SAP solution environments while supporting SAP's Adaptive Computing Infrastructure. IDI for mySAP Business Suite helps clients design and implement IDI for SAP solutions.

This IBM Redbooks publication will examine mapping of a current infrastructure to a customized installation of IDI and show examples of an on demand solution in a heterogeneous environment which will enable customers to run their SAP environments more efficiently. Dynamically provisioned SAP application servers assist administrators in providing business required accountability and service level agreement compliance and management tools.

Objectives:

- Discuss the IDI solution using SAP
- Map a sample customer configuration to customize the installation
- Create a set of questions to ask about the current installation in order to map to an IDI installation.
- Dynamic provisioning and de-provisioning of SAP Application server
- Creating the policies
- Policy-based provisioning of additional application servers from pool
- Policy-based de-provisioning of selected nodes back to pool
- Demonstrate cost transparency for dynamic SAP infrastructure by:

- o Learning to provide metering and billing input
- o Feed Service Level Agreements
- o Enable SLA compliance reports

All residency information is available by clicking Residencies on the IBM Redbooks Internet site at http://ibm.com/redbooks. Employees of IBM will prefer using the IBM Intranet site http://w3.itso.ibm.com. The Web sites fully describe the residency process and offer online nomination forms.

28 Jan 2005: More information on release of z/OS 1.6 with SAP on DB2 / zSeries

Dear friends of mySAP on zSeries,

We have received several questions on the release of z/OS 1.6 and Unicode support. Since this might be interesting to more of you, here is some additional information on this topic:

The certification tests of z/OS version 1.6 as a platform for the SAP application server and database server with DB2 UDB for z/OS have been completed successfully. The runtime environment z/OS 1.6 was released as an application server platform for any SAP component and the SAP releases in maintenance on 01/21/2005 (R/3 4.6x and Web AS 6.xx). Please note: SAP systems running Unicode or the SAP J2EE engine are not supported with the z/OS 1.6 application server.

z/OS 1.6 as a database server platform is released for all supported SAP components and future releases and facilitates the support of Unicode and SAP J2EE, assuming the customer has DB2 V8 as a prerequisite. In addition, the application servers on Linux for zSeries, AIX, and Windows already have this support.

26 Jan 2005: Miscellaneous: z/OS 1.6 released; EOS for DB2 V6 and z/OS 1.3; new version of SAP note 81737

Dear friends of mySAP on zSeries,

The certification tests of z/OS version 1.6 as a platform for the SAP application server and database server with DB2 UDB for z/OS have been completed successfully.

The runtime environment z/OS 1.6 was released as an application server platform for any SAP component and the SAP releases in maintenance on 01/21/2005.

Please note: SAP systems running Unicode or the SAP J2EE engine are not supported. z/OS 1.6 as a database platform has been released for all supported SAP components and future releases.

I'd like to draw your attention to several updates in SAP note 81737 which were made during the last 2 weeks:

- The current version of 81737 as of today is 527 - to be on the safe side regarding the latest APAR recommendations, please check regularly the latest version in SAPNet or OSS.
- If we learn of problems that our customers experience, we try to inform you as soon as possible:
    - If you experience 0C4 abends with DB2 V8 service level 0411, it is recommended to remove UQ95050 (which is PE) until a fix is available for PQ99186.
- Please note that there are different ways to be informed about new HIPER APARs - this is explained in 81737; information has been added on how to automate via rAA Hot Alert for EMEA Comfort Line customers.
- Service level 0411 is now required for DB2 V7
- DB2 Connect requirements have been added
- Please note that end-of-service (EOS) is due within the first half of 2005 for the following products:

  DB2 UDB for z/OS V6: EOS planned: 06/2005
  z/OS 1.3:   EOS planned: 03/2005

2004

20 Oct 2004: Current maintenance levels - regularly check out SAP Note 81737

Dear friends of mySAP on zSeries,

As you know, SAP Note 81737 should be checked regularly to find out about the latest PTFs and service level recommendations which have been tested for SAP environments. Please check if your systems are on a current maintenance level.

SAP Note 81737 has just been updated, and one of the major changes was that DB2 V7 service level 0408 has been tested successfully and is now the required service level for this version of DB2.

SAP Note 81737 is also updated on a regular basis to cover LOB APARs. The source for these is Information APAR II13767, which contains LOB Manager recommended maintenance information for DB2 V6, V7, and V8.

Special alert concerning all users of REORG of LOB data:
Please make sure that the following APAR is installed:

```
PQ91050 (HIPER, DATALOSS):
   ABEND04E RC00C90101 DSNORCHU :500A IN REORG LOB TS
   UQ92429         (HDB7710 - DB2 V7)
   UQ92430 (HDB8810 - DB2 V8)
* USERS AFFECTED: All DB2 users of REORG of LOB data.         *
REORG of large LOB tablespace abends with abend04E RC00C90101
in DSNORCHU :500A.
```

The PTF check tool supports you in level checking:
It automatically retrieves the current SAP Note 81737 and the fix level file from OSS/SAPNet. For details on the PTF check tool, please refer to SAP Note 183311.

03 Sep 2004: New High Availability book and some other news (SAP Note 81737)

Dear friends of mySAP on zSeries,

The availability of a productive SAP system is a critical business factor, and therefore requires the highest level of availability. Continuous availability combines the characteristics of high availability (the ability to avoid unplanned outages by eliminating single points of failure) and continuous operation (the ability to avoid planned outages, such as for administrative or maintenance work) in order to keep the SAP system running as close to 24x365 as possible.

The objectives of the SAP High Availability solution are:

- Eliminating planned outages and providing continuous availability of the SAP system to end users
- Minimizing the effects of unplanned outages
- Reducing operator errors
- Monitoring the status of SAP application components

A new book on this topic has become available:
High Availability for SAP on zSeries using Autonomic Computing Technologies, SC33-8206-00

You may download the book at:
ftp://ftp.software.ibm.com/eserver/zseries/software/sap/HA_SAP_Autonomic_SC33-8206_00.pdf
or use
http://www.ibm.com/servers/eserver/zseries/software/sap/
and select "Documentation" and scroll down to find this title.

A few weeks ago I drew your attention to DB2 V7 PTF UQ89609 that should be installed together with UQ87356. Unfortunately, both PTFs are PE and should be removed or rather not be installed at all! UQ89609 was therefore removed from SAP note 81737. Sorry for the inconvenience!

Next DB2 V8 service level recommendation in SAP Note 81737:
The tests are currently ongoing, and are expected to be finished soon, so that the next service level is planned to be recommended within the next few weeks (September timeframe).

Get Adobe Reader

18 Aug 2004: SAP document: "Best Practice for Installing or Migrating to DB2 V8"

Dear friends of SAP on DB2 for zSeries,

There is a new Best Practice document available in SAPNet:
"SAP on IBM DB2 UDB for OS/390 and z/OS: Best Practice for Installing or Migrating to DB2 V8"

Please find it via the following link: http://service.sap.com/solutionmanagerbp
Select 'Topic Area', then locate the document with ID 54 (currently the first document in the list).

The document is intended for all customers and consultants planning the installation of or migration to DB2 V8. Here is a quick glance at the contents:

```
   Applicability, Goals, and Requirements
        Possible Migration Paths
   Best Practice Procedure and Verification
        Preliminary Tasks
        Procedure
             1. Installation
             2. Migration
             3. Fallback
             4. Co-existence and maximum availability in a data sharing
environment
             5. Parameters
             6. Verification
   Further Information
```

09 Aug 2004: Residency Announcement:
ZS-S210-R01, SAP BW and DB2 for z/OS V8

Dear friends of mySAP on zSeries,

There will be a residency on SAP BW and DB2 for z/OS V8, running in Poughkeepsie, N.Y. It starts October 11th and ends November 12th (5 weeks). The residency is open to customers, as well as IBM employees. If you are interested, please find more details below. Nominations should be submitted online on the Web by 10 Sep 2004.

Have a good weekend!

Residency Announcement: ZS-S210-R01 SAP BW and DB2 for z/OS V8

Benefits to Resident: The resident will benefit from:

- hands-on experience with the latest versions of SAP BW and DB2
- immersion in the latest best practices on performance analysis and tuning

- collaboration with other subject matter experts from the field and technical support centers
- gaining a billable skill in the SAP and DB2 arena

This residency begins 11 Oct 2004, ends 12 Nov 2004 (5 weeks), and requires 6 residents. The residency will run in Poughkeepsie, NY.

Nominations should be submitted online on the Web by 10 Sep 2004.

The residency leader is Mike Ebbers, whose email address is mikeebb@us.ibm.com.

Note: ITSO pays authorized travel and living expenses for all residents, but does not compensate for the time or services of its residents. For IBM employees, ITSO residency travel is pre-approved.

Residency Description

Description: This IBM Redbooks publication describes the benefits of DB2 V8 for SAP BW. It explains the reasons to run SAP BW in a zSeries environment. It also lists best practices as well as providing performance and tuning recommendations.

Objectives: The objectives of this residency are:

- List reasons to run SAP business information warehouse in a zSeries environment
- Describe the best practices for this environment, such as DB2 hardware compression, SAP compression, and DB2 partitioning
- Describe and demonstrate the benefits of DB2 V8 for SAP BW, such as DPSI, table controlled partitioning, clustering , and improved statistics collection and MQTs
- Describe a process to analyze and optimize query performance
- Describe how to analyze partitioning requirements for an ODS
- Discuss index design for ODSs
- Identify statistics requirements for infocubes and ODS
- Compare parallelism of SAP multiprovider with DB2 partition
- Discuss how to exploit transaction-based DB2 accounting and WLM prioritization in SAP BW
- Demonstrate converting an unpartitioned infocube to partitioned format

29 Jul 2004: Release of z/OS 1.5 for SAP systems on DB2 UDB for z/OS

Dear friends of mySAP on zSeries,

Good news right before the weekend starts:

z/OS 1.5 has been released to run with DB2 for zSeries for all current SAP kernels. This may not be reflected yet in all SAP release notes, but this should be just a short matter of time. SAP Note 81737 has been updated to contain all required APARs.

Please see the note from Bernhard Heininger, SAP's development manager:

```
--------------------------------------------------------------
Hello,
The certification tests of the z/OS version 1.5 as platform for
the SAP application server and database server with DB2 UDB for
zSeries have been completed successfully.

On 8/1/2004 the runtime environment z/OS 1.5 is released as
application server platform for any SAP component and the SAP
releases in maintenance.

z/OS 1.5 as database platform is released for all supported SAP
components and future releases.

Best regards,
Bernhard Heininger
SAP AG
Development Manager Databases
Development IBM Platforms DB2
--------------------------------------------------------------
```

19 Jul 2004: SAP Note 81737 (current version 494) updated with new required service level for DB2 V7: 0405

Dear friends of mySAP on zSeries,

As many of you know, required service levels for DB2 and APARs for DB2 or z/OS components that are important in a SAP environment are published in SAP note 81737.

Latest update: A new DB2 V7 service level has been tested and is required now. The required minimum service is currently service level 0405 (except for UQ74422 and UQ71197) plus APARs PQ82878, PQ87909, PQ87659, PQ88803, and PPQ89051, plus all HIPER APARs plus the following list of APARs (all with their pre-req and co-req PTFs).

Special alert concerning defective image copies of LOB table spaces: please make sure that the following APARs (also mentioned in 81737) are installed:

The following 2 APARs are already included in service levels up to 0405:

```
PQ86983! UQ87199  COMMIT INTERVAL DURING COPY UTILITY WHILE
```

```
                         PROCESSING LLSM CLUSTER CAUSES INVALID FIC
PQ78544  UQ87356  PE - install only with PTF for PQ89051
                         INVALID SQLCODE100 AS A RESULT OF ROW UPDATE
                         FOR NON DATA SHARING ENVIRONMENT.
```

The second PTF is PE - please only install together with:

```
PQ89051  UQ89609  DSNIOW ERQUAL5004 RC00C90101 OVERFLOW ROW INVALID
                         PAGE MAP ID POINTS BEYOND OUTSIDE OF PAGE
```

In order to help our customers plan their maintenance windows, we added on customer request the information as to approximately when the next DB2 service level recommendations can be expected (this date may change). To be on the safe side, please check regularly the latest version in SAPNet or OSS.

The PTF check tool supports you in level checking: it automatically retrieves the current SAP note 81737 and the fix level file from OSS/SAPNet. For details on the PTF check tool, please refer to SAP note 183311. Please check if your systems are at a current maintenance level.

15 Jun 2004: SAP upgrade available on the Linux for zSeries application server

Dear friends of mySAP on zSeries,

An additional upgrade path on Linux for zSeries has become available with the SAP on DB2 UDB for z/OS platform. Since June 1, 2004, the SAP upgrade has been available for all SAP component upgrades to the Web AS 6.20 technology and future releases.

With this, there are four alternative upgrade platforms available for upgrades to Web AS 6.20:

- z/OS USS Application Server
- Linux for zSeries Application Server
- AIX Application Server
- Windows Application Server

For details please see Bernhard Heininger's mail below and SAP note 703892.

```
--------------------------------------------------------------
8 June 2004

Hello, please forward as appropriate.

All tests of the SAP Upgrade on the Linux for zSeries application
server platform with DB2 UDB for zSeries have been completed
successfully. The pilot phase has been terminated fully satisfying
for customers and SAP on 5/31/2004.
```

```
Now 6/1/2004 the SAP Upgrade on zLinux is released for all SAP
component upgrades to the Web AS 6.20 technology and future
releases.

Please note: The upgrade tool for 6.20 based components needs
to be downloaded from the SAP Marketplace.

As additional information, please check SAP note: 703892.
Best regards,
Bernhard Heininger
SAP AG
Development Manager Databases
Development IBM Platforms DB2
Robert-Bosch-Str. 30-40 (BAC)
D-69190 Walldorf / Germany
E-Mail Bernhard.Heininger@SAP.com
----------------------------------------------------------------
```

26 May 2004: SAP upgrade on AIX application servers now available for SAP on DB2 UDB for OS/390 and z/OS

Dear friends of mySAP on zSeries,

Good news: An additional upgrade path has become available. After successful pilot testing, SAP upgrades on AIX application servers are now available for upgrades to WEB AS 6.20 technology and future releases.

For details please see Bernhard Heininger's e-mail below and SAP Note 703892.

And there is a new IBM Redbooks publication available:
"DB2 for z/OS Version 8: Everything You Ever Wanted to Know, ... and More", SG24-6079
Published: May 2004
Explore the book online.

```
----------------------------------------------------------------
As additional information, please check SAP note: 703892.
Regards, Bernhard

Hello, please forward as appropriate.
All tests of the SAP Upgrade on the AIX application server
platform with DB2 UDB for zSeries have been completed
successfully. The pilot phase has been terminated fully
satisfying for customers and SAP on 4/30/2004.
Now 5/1/2004 the SAP Upgrade on AIX is released for all SAP
component upgrades to the Web AS 6.20 technology and
future releases.
Please note: The upgrade tool for 6.20 based components needs
to be downloaded from the SAP Marketplace.
Best regards,
Bernhard Heininger
```

```
SAP AG
Development Manager Databases
Development IBM Platforms DB2
Robert-Bosch-Str. 30-40 (BAC)
D-69190 Walldorf / Germany
+49 (6227) 7 - 44741
+49 (6227) 78 - 16372
E-Mail Bernhard.Heininger@SAP.com
------------------------------------------------------------
```

21 May 2004: DB2 V8 for z/OS certified for all SAP components based on SAP R/3 4.6 technology

Dear friends of mySAP on zSeries,

This week, SAP released DB2 V8 for z/OS for all SAP components based on the SAP R/3 4.6 technology. To date, the software is released for all SAP products with the SAP kernel: 4.6D. For details see the following e-mail from Bernhard Heininger. SAP Note 81737 has been updated accordingly.

```
------------------------------------------------------------------------
---
<bernhard.heininger@sap.com>
14.05.2004 15:28

Subject
zSeries: Release of DB2 V8 for SAP R/3 4.6

Hello,
After a formal verification process of the functionality and quality
of the new DB2 database release with regard to the SAP environment and
its products SAP solutions are now supported on DB2 UDB for z/OS V8.
The new database version has well passed SAP's validation tests on
R/3 4.6.

Now on 5/14/2004 SAP releases DB2 V8 for z/OS for all SAP components
based on the SAP R/3 4.6 technology.
To date, the software is released for all SAP products with the SAP
kernel:                4.6D.

For migration to DB2 V8 and prerequisites please refer to the SAP
note: 728743
With this note SAP will keep you informed whenever additional SAP
technology is enabled to run on DB2 V8.

There is also a "Best Practices" Guide available for our customers.


Best regards,
Bernhard Heininger
SAP AG
Development Manager Databases
Development IBM Platforms DB2
```

```
Robert-Bosch-Str. 30-40 (BAC)
D-69190 Walldorf / Germany
+49 (6227) 7 - 44741
+49 (6227) 78 - 16372
E-Mail Bernhard.Heininger@SAP.com
----------------------------------------------------------------------
---
```

**20 May 2004: Until June 18th: Survey on the
"IBM Dynamic Infrastructure for mySAP Business Suite"
Participate and win a USB memory stick!**

Dear friends of mySAP on zSeries,

We'd like to ask you to complete a survey on the "IBM Dynamic Infrastructure for mySAP Business Suite":

- What does your SAP environment look like?
- What are the challenges confronting your IT center?
- What is your opinion of the new "IBM Dynamic Infrastructure for mySAP Business Suite" demonstrated at CeBIT 2004?

More information on the solution can be found in the short video and informational text provided with the survey.

The survey on the "IBM Dynamic Infrastructure for mySAP Business Suite" is available online in German and English.

Please complete the survey by June 18th.

Your answers are very important to us - and you can influence the ongoing development of the solution!

To make your participation more interesting, we will have a drawing in July for all survey participants and give away USB memory sticks as prizes!

Please note that this survey is for all IBM eServers, not only for SAP on IBM zSeries!

**06 May 2004: SAP Note 81737 update:
New required service level for DB2 V7**

Dear friends of mySAP on zSeries,

As many of you know, required service levels for DB2 and APARs for DB2 or z/OS components which are important in a SAP environment are published in SAP note 81737. Latest update: A new DB2 V7 service level has been tested and is required now: service level 0402 (except for UQ74422 and UQ71197). This service level plus all HIPER

APARs plus all DB2 APARs mentioned in SAP note 81737 make up the required service level.

In order to help our customers plan their maintenance windows, we added on customer request the information as to approximately when the next DB2 service level recommendations can be expected (this date may change).
To be on the safe side please check regularly the latest version in SAPNet or OSS.

The PTF check tool supports you in level checking:
It automatically retrieves the current SAP note 81737 and the fix level file from OSS/SAPNet. For details on the PTF check tool please refer to SAP note 183311. Please check that your systems are at a current maintenance level.

22 Apr 2004: "IBM Dynamic Infrastructure" event in IBM Boeblingen lab on May 6-7

Dear friends of SAP on IBM eServer,
We would like to invite you on May 6-7 to a customer event at the Boeblingen (Germany) lab focusing on the new solution "IBM Dynamic Infrastructure for mySAP Business Suite". This solution was presented at the CeBIT this year - a new on demand solution for SAP applications. It helps to use hardware resources more efficiently, can simplify and alleviate administrator work and reduce total cost of operation.

The event will have interesting presentations, a live demo, and will give room for discussions. Customers are invited to participate in an evening event which gives additional opportunity to discuss with other customers and some of the presenters. Presentations will be held in English.

To view the agenda and to register, please use one of the following Web pages:
German
English

Looking forward to seeing you in Boeblingen!

09 Mar 2004: Performance improvements with 46D_EXT kernel on OS/390 and z/OS

Here is some interesting information if you run SAP R/3 4.6 and use the application server on OS/390 or z/OS:

SAP has recently released the 46D_EXT kernel. We took the chance to rebase the 46D application server on OS/390 2.10 (as new minimum release) and thereby exploit the new and fast high-performance linkage convention (XPLINK). The resulting performance improvement is in the range of 10 to 20 %.

If you are running SAP R/3 4.6 and you use the application server on OS/390 or z/OS we recommend to install the 46D_EXT kernel. You need to replace the 46D kernel with the 46D_EXT modules completely and on all instances.

14 Jan 2004: New IBM Redbooks publication "SAP on DB2 for z/OS and OS/390: High Availability and Performance Monitoring with Data Sharing"

There is a new IBM Redbooks publication available:
SAP on DB2 for z/OS and OS/390: High Availability and Performance Monitoring with Data Sharing
Published: 21 Dec 2003, ISBN: 0738453072, 258 pages. Explore the book online at
http://www.redbooks.ibm.com/abstracts/sg246950.html

Here an updated list of Technical White Papers and IBM Redbooks, covering aspects of the SAP on DB2 for z/OS solution:

IBM Technical White Papers can be found at http://www.ibm.com/support/techdocs

You will find IBM Redbooks at http://www.redbooks.ibm.com.

2003

22 Dec 2003: Updated IBM Redbooks and White Papers

Before the year ends, here some update information on IBM Redbooks and white papers. There is an updated version of "SAP BW Query Performance with DB2 on zSeries" available on techdocs:
http://www.ibm.com/support/techdocs/atsmastr.nsf/WebIndex/WP100322
The paper is a performance analysis and tuning guide for SAP BW on DB2 UDB for OS/390 and z/OS. The new version has been updated for DB2 V7, and contains a number of new examples, including SAP features for correlating DB2 and SAP query statistics and the impact of DB2 catalog statistics on access path choice.

DB2 UDB for z/OS V8: Through the Looking Glass and What SAP Found There
Revised: 16 Dec 2003, ISBN: 0738498505, 234 pages. Explore the book online at
http://www.redbooks.ibm.com/abstracts/sg247088.html

IBM Technical White Papers can be found at IBM Support.

IBM Redbooks are available at the IBM Redbooks site.

Here a list of Technical White Papers and IBM Redbooks, covering aspects of the SAP on DB2 for z/OS solution:

23 Sep 2003: White Paper "Tuning SAP / DB2 / zSeries" has been updated

The white paper "Tuning SAP / DB2 / zSeries" (Document Number: WP100287, Last Revised: 20 Sep 2003) has been updated and can be downloaded from http://www.ibm.com/support/techdocs/atsmastr.nsf/WebIndex/WP100287

Or go via http://www.ibm.com/support/techdocs/atsmastr.nsf. Select 'White papers', select 'WP100287', and double-click it.

This paper is a performance analysis and tuning guide for SAP on DB2 UDB for OS/390 and z/OS. It describes how to analyze performance indicators for SAP with DB2, and it contains examples of typical problems and processes used to analyze them.

Since the original version of the paper was released in 2002, IBM and SAP development have added important new monitoring capability, such as RFCOSCOL-based ST04 and enhanced explain plan, to SAP on DB2 for zSeries. The paper has been updated with descriptions of the key capabilities of these enhancements, and examples of how they can be used to simplify performance analysis with SAP on DB2 for zSeries. Performance problems that in the past could have required one to use DB2 traces or OS-level monitoring tools can now be solved via SAP transactions, which simplifies problem analysis and speeds resolution.

11 Jul 2003: DB2 UDB for z/OS and OS/390: APARs for LOB problems

Please see the following note from Bernhard Heininger, development manager at SAP, concerning the recent LOB problems identified and fixed by APARs PQ75396 and PQ75532.

```
The APARs have just been tested in a SAP
environment together with tests for DB2 Version 7 service level 0305.

The SAP maintenance tape for OEM customers will be available by
August 2003.

PQ75396:
The problem occurs as a LOB corruption caused by COPY FULL YES.
Incremental image copies (IIC) are not affected.
It causes corruption to the LOB tablespace being copied and only if the
LOB tablespace spans > 1 High level space map (HLSM) cluster.  For 4K
page sizes this is around 6GB.

PQ75532:
This fixes three separate problems caused by COPY FULL NO.
Full image copies (FIC) are not affected.  If you do not take
incremental image copies of LOBs then you are not at risk.
The problem only occurs if more than one HSLM cluster exists.


Best regards,
Bernhard Heininger
SAP AG
Development Manager Databases
```

16 Jun 2003: Distinguish between several DB2 threads assigned to the same SAP work process - SAP note 625034

A new feature allows to distinguish primary and secondary database connections of an SAP work process in transaction ST04 (DB Performance Monitor). With the specific ICLI, DBSL and CCMS statuses you can distinguish between several DB2 threads that are assigned to the same SAP work process.

Please see SAP note 625034 for all details, for example the specific statuses of ICLI, DBSL, and CCMS, and the required patches and transports.

07 Feb 2003: z/OS 1.4 released / SUSE LINUX Enterprise Server 8 for zSeries released

z/OS 1.4 has been released to run with DB2 for zSeries for all current SAP kernels. This may not be reflected yet in all SAP release notes, however, this should be just a matter of short time.

"SUSE LINUX Enterprise Server 8 for zSeries" with Linux-Kernel 2.4.19 and glibc 2.2.5 has been released for mySAP on zSeries. This is the first platform to release "SUSE LINUX Enterprise Server 8 for zSeries" 64-bit for mySAP. It covers all mySAP products which base on SAP-kernels 4.6D and 6.20.

"SUSE LINUX Enterprise Server 7 for zSeries" is currently planned to be maintained until 6/2004.

04 Feb 2003: New white paper available on Techdocs - SAP BW Query Performance with DB2 on zSeries

A new white paper "SAP BW Query Performance with DB2 on zSeries" is now available through the IBM techdocs web site.

The Techdocs URL is http://www.ibm.com/support/techdocs. Search "white papers" for document number is WP100322.

The paper is a performance analysis and tuning guide for SAP BW on DB2 UDB for OS/390 and z/OS. The paper contains

- an overview of SAP infocubes and DB2 star join
- key SAP and DB2 indicators for evaluating BW query performance
- process for correlating SAP performance statistics with DB2 statement statistics
- examples of SQL analysis for BW queries
- processes for identifying aggregates needed to improve performance

- examples of common problems that can occur in DB2 or z/OS in an SAP BW environment

04 Feb 2003: IBM Redbooks publication "DB2 Performance Expert for z/OS - SG24-6867 " available

The publication "DB2 Performance Expert for z/OS - SG24-6867" is now available. http://publib-b.boulder.ibm.com/Redbooks.nsf/RedbookAbstracts/sg246867.html?Open or search for SG246867 at http://www.redbooks.ibm.com/.

Abstract
DB2 Performance Expert for z/OS is part of IBM's Data Management Tool set. In addition to a wide range of comprehensive reports, the tool analyzes and recommends changes on DB2 performance-related information. It is comprised of the previously available DB2 Performance Monitor and Buffer Pool Analyzer products combined into a single integrated tool, and adds expert analysis functions.

This IBM Redbooks publication describes how to install, customize and use DB2 Performance Expert on the z/OS and OS/390 platforms. It describes all features of the product, but the main focus of this book is on the usage of the online workstation monitor, Performance Warehouse and Buffer Pool Analysis components.

```
Table of Contents
Chapter 1. Introducing DB2 Performance Expert
Chapter 2. Installing DB2 Performance Expert
Chapter 3. Customizing a new DB2 subsystem
Chapter 4. Real-time (snapshot) monitoring with DB2 Performance Expert
Chapter 5. History (snapshot) monitoring with DB2 Performance Expert
Chapter 6. Tracking and checking DB2 system/application health
Chapter 7. Performance Warehouse
Chapter 8. Optimizing buffer pool resources
```

24 Jan 2003: Performance hint for Shared HFS on z/OS

Here a performance recommendation for customers running an SAP application server (or doing the SAP upgrade) on z/OS and using the shared HFS feature - the full text is published in SAP note 589858. As is true for all SAP notes, please check regularly for the latest version in SAPNet or OSS.

```
    SAP Note No. 589858                          24 Jan 2003
Page 1
    _____
    Status                 Released for Customer
    Short text             DB2/390: Performance tuning Shared HFS
    Component              BC-OP-S390
    _____
    z/OS provides a shared file system capability that allows
concurrent
```

```
     access from all systems in the Sysplex.

     The document "z/OS UNIX System Services Planning" (GA22-7800-03)
     describes the setup of such a shared HFS. Refer to chapter 19
"Shared
     HFS in a Sysplex". IBM recommends that the version HFS is mounted
     read-only. For file systems which are mounted read-only the system
     attempts to access them locally. Thereby the cross system
messaging is
     avoided which occurs for read-write mounted file systems.

     This recommendation is performance critical for the SAP
application
     server. The ABAP function SET LOCALE causes file access to files
in the
     /usr/lib/nls/locale directory which resides in the version HFS.
     _____
```

2002

14 Oct 2002: HA Solution for "SAP on DB2 UDB for OS/390 and z/OS": Standalone Enqueue Server available

News for the high availability solution for "SAP on DB2 UDB for OS/390 and z/OS":

The standalone enqueue server is now available and can be downloaded from the SAP Service Marketplace.

The high availability solution for "SAP on DB2 UDB for OS/390 and z/OS" enhances the capabilities of today's solution by removing the SAP Central Instance as a single point of failure and providing a means to automate the management of the enqueue server, message server, gateway server, and other SAP components for planned and unplanned outages.

This solution provides the means for fully automating the management of all SAP components and related products running on z/OS, AIX, Windows, or Linux. The IBM product "System Automation for OS/390" monitors all resources and controls the restart and/or takeover of failing components, thereby ensuring near continuous availability of the SAP system.

The availability of the enqueue server is extremely critical for an SAP system. To address this single point of failure, SAP, in close cooperation with IBM, has changed the architecture of the enqueue server. The new standalone enqueue server provides means for replication of the enqueue table. If the enqueue server fails, it is quickly restarted on another system by System Automation for OS/390 and uses the replicated data to rebuild the enqueue table. This means that a failure of the enqueue server is transparent to the end user and the SAP application.

Documentation: The publication "SAP on DB2 UDB for OS/390 and z/OS: High Availability Solution Using System Automation" - SG24-6836-00
http://publib-b.boulder.ibm.com/Redbooks.nsf/RedbookAbstracts/sg246836.html

Prerequisites:

- SAP 4.6 or higher
- Standalone enqueue server
  Downloadable from SAP Service Marketplace: SAP WEB AS 6.20 - Binary Patches - SAP KERNEL 6.20 32-BIT - OS390_32 - Database independent ENSERVER.SAR
  The 6.20 code is compatible to and supported with 4.6D kernel
- z/OS 1.2 or higher
- System Automation for OS/390 2.1 or higher

The implementation and customization of the complete HA solution highly depends on the customer configuration and requires System Automation skill. We strongly recommend that customers request support from IBM Global Service. Before going live customers should also contact SAP for a final check of the setup.

17 Sep 2002: Two latest IBM Redbooks for SAP on DB2 UDB for OS/390 and z/OS

Here information on the two latest IBM Redbooks for our SAP solution, published in September and August, respectively:

SAP on DB2 UDB for OS/390 and z/OS: High Availability Solution Using System Automation
SG24-6836-00
Published: 13 Sep 2002
ISBN: 0738426350, 300 pages. Explore the book online at
http://www.redbooks.ibm.com/abstracts/sg246836.html or http://publib-b.boulder.ibm.com/Redbooks.nsf/RedbookAbstracts/sg246836.html

SAP on DB2 UDB for OS/390 and z/OS: Implementing Application Servers on Linux for zSeries
SG24-6847-00
Published: 30 Aug 2002
ISBN: 0738426539, 190 pages
Explore the book online at http://www.redbooks.ibm.com/abstracts/sg246847.html or
http://publib-b.boulder.ibm.com/Redbooks.nsf/RedbookAbstracts/sg246847.html

12 Sep 2002: DEFINE NO-Support in Upgrade

Here is interesting news if you plan upgrades that use Kernel Release 4.6D or higher:

The R3up and the DBSL library have been changed such that customers can now use DEFINE NO during an upgrade that uses Kernel Release 4.6D or higher (e.g. R/3 4.6C SR2, Web AS 6.20, APO 3.1 SR1, ...). If applied, this feature drastically reduces the number of data sets created during the upgrade, because all new tablespaces and indexes are created with DEFINE NO.

The procedure has been tested for upgrades to 4.6x, 6.10, and 6.20. SAP note 423726 describes how to perform such an upgrade.

10 Sep 2002: WebAS, Java development and SAP on DB2 for zSeries

Please see the following update from Bernhard Heininger, SAP Development Manager for the IBM on zSeries platform, concerning SAP's Java development in the future.

Sorry for duplicates.

Information about the next release of SAP WebAS

The next release of SAP WebAS is basis for the SAP Java development in the future. It includes the ABAP engine and an updated J2EE 1.3 compliant Java engine. Current SAP Java components move to this technology which includes a common SQL Java layer to be able to support all known SAP platforms. In addition, SAP is working to enable Java applications to run the current 6.20 based components with this future release of SAP WebAS technology. Both versions of WebAS are planned to be fully compatible (kernel + middleware technology). However, data of the J2EE server are stored in Unicode-encoded tables only. As a consequence DB2 customers need to move to DB2 V7 to make use of the new SAP technology and its Java components!

02 Sep 2002: New IBM Redbooks publication: SAP on DB2 UDB for OS/390 and z/OS: Implementing Application Servers on Linux for zSeries

A new IBM Redbooks publication for our SAP solution has been published: SAP on DB2 UDB for OS/390 and z/OS: Implementing Application Servers on Linux for zSeries
Published: 30 Aug 2002
ISBN: 0738426539, 190 pages
Explore the book online at http://www.redbooks.ibm.com/abstracts/sg246847.html

17 Apr 2002: Controlled SYSPLEX failover triggered from CCMS dialogs

What has long been a customer requirement, is available now: "Controlled SYSPLEX failover triggered from CCMS dialogs".

SAP note 509529 describes how customers with SAP Release 4.6 can move work processes from one SAP application server to another DB2 member.

The required CCMS transports for releases 4.6B, 4.6C, and 4.6D are available.

For your convenience, here is the current version of this note (keep in mind that I do not send updates of notes).

```
        R/3 note no.    509529                          17 Apr 2002
Page 1
_____
        Number              0509529
        Version             0002 from 15.04.2002
        Status              Released for customer
        Set by              SAP AG on 15.04.2002

        Language            EN
        Short text          DB2/390: Changing the DB2 host proactively

        Administrator       SAP AG
        Component           BC-DB-DB2 DB2 for OS/390
_____
        Long text

        Symptom


        You want to reconnect the work processes of an SAP application
server to
        another DB2 member of the data sharing group used. This enables
you, for
        example, to maintain the already connected DB2 subsystem without
        affecting the SAP application server.

        Additional key words
        DB2 MVS OS390 z/OS failover Reconnect ST04
        Cause and prerequisites


        -


        Solution


        Provided that your SAP system meets at least the CCMS service
level
        specified below, you can reconnect the work processes of an SAP
        application server to another DB2 subsystem as described below.
Bear in
        mind that the SAP failover mechanism must be set up on the system.
Call
        transactions DB2 or ST04 and choose the "Installation parameters"
(For
        4.6C or 4.6D releases, this is valid only for RFCOSCOL serving as
IFI
        Data Collector. For more information, see SAP note 426863). Select
the
        'Switch database host" option in the "Database analysis" menu.
Three
        options are available:

            o   You can update the current connection ("Refresh") and
display the
```

primary, secondary and current database host.

     o You can start moving the work processes to the primary database

       host ("Primary").

     o You can start moving the work processes to the secondary database

       host ("Secondary").

Import the collective CCMS transport relevant for your SAP release or a later version:

     o Release 4.6D: Transport M5DK000104 (see note 324739)

     o Release 4.6C: Transport M5CK000052 (see note 217093)

     o Release 4.6B: Transport D6AK000171 (see note 191215)

Source code corrections
_____
Valid releases

R/3 standard   46B - 46D

SAP_BASIS   46B   - 46D

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Reference to related notes

Number   Short text
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0191215   DB2/390: Transports for 4.6B
0217093   DB2/390: Transports for 4.6C
0324739   DB2/390: Transports for Release 4.6D
0402078   DB2/390: New failover support with 6.10 (kernel)
0426863   DB2/390: Performance Monitor/IFI Data Collector

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