



**PARTNER ENABLEMENT CALENDAR**  
ENABLEMENT SESSIONS AT YOUR FINGERTIPS

powered by Partner Service Delivery

## Individual Enablement for IBM DB2 Sessions



# Individual Enablement

This Enablement Package contains the following 17 Sessions:

## 1. Storage Optimization with SAP on DB2 - Storage Efficiency

### Abstract

With DB2 9.1, the storage optimization feature was introduced. With data compression, significant storage savings can be achieved. The DB2 9.7 database enhances the storage optimizations feature by the capability of index compression, temporary table compression and the possibility to further optimize the usage of storage with intelligent LOB data type handling.

The session will introduce in the features for Storage Efficiency with DB2. It will cover the technology under the hood, discuss achieved savings and will explain how to enable the feature with SAP NW based Systems on DB2 9.7 for Linux, UNIX and Windows.

### Sessions for registration:

- Delivery on 03.12.2009 at 08:00 (Central European Time) in English. [Register here](#)
- Delivery on 01.12.2009 at 18:00 (Central European Time) in English. [Register here](#)

## 2. Monitoring and Administration with SAP on DB2 - Introduction to the DBA Cockpit

### Abstract

- Landscape Monitoring & Integration with Solution Manager
- Monitoring Ad Hoc-Data
- Analyzing Historical Data
- Administration Tools
- Diagnostics & Trouble Shooting

### Sessions for registration:

- Delivery on 19.10.2009 at 08:00 (Central European Time) in English. [Register here](#)
- Delivery on 21.10.2009 at 18:00 (Central European Time) in English. [Register here](#)

## 3. IBM DB2 9.7 for Linux, UNIX, and Windows Optimized for SAP

### Abstract

In 2004, SAP and IBM took their partnership to the next level by launching the initiative "DB2 Optimized for SAP". This initiative aims to optimally integrate new DB2 database releases with SAP applications bringing the focus on joint technology innovation, product integration and service alignment.

This session provides information about how the partnership between SAP and IBM works. In addition, you learn about the benefits of DB2 9.7 optimized for SAP provides you with as an SAP customer.

### Sessions for registration:

- Delivery on 19.10.2009 at 18:00 (Central European Time) in English. [Register here](#)

## 4. Monitoring and Administration with SAP on DB2 - Database Performance Warehouse (DPW)

### Abstract

The SAP Database Performance Warehouse (DPW) contains key database performance indicators of your SAP system landscape for status reporting and long term performance analysis. It is used by the Solution Manager Diagnostics (SMD) back-end and is therefore an integrated part of SAP Solution Manager.

The DPW exploits SAP NetWeaver BW technology and allows you to modify predefined reports for system availability and system performance monitoring according to your needs and your own service level agreements. With the DPW, you can now start merging data from different technology stacks for a real end-to-end root cause analysis.

### Sessions for registration:

- Delivery on 20.10.2009 at 08:00 (Central European Time) in English. [Register here](#)
- Delivery on 11.11.2009 at 18:00 (Central European Time) in English. [Register here](#)

## 5. High Availability with SAP on DB2 - IBM DB2 for LUW Cluster Using IBM Tivoli SA MP

### Abstract

SA MP is a high-availability cluster solution that provides several monitoring mechanisms to detect system failures and that provides a set of rules to initiate the correct action without any user interaction.

If DB2 is protected by a cluster manager, you have to change certain database configuration settings. For example, you have to set up the cluster configuration to enable the failover process in case of an outage. The DB2 High Availability (HA) feature integrates SA MP transparently into the DB2 product. This means, that all performed configuration changes are transparently performed to ensure the failover requirements.

### Sessions for registration:

- Delivery on 20.10.2009 at 18:00 (Central European Time) in English. [Register here](#)
- Delivery on 10.11.2009 at 08:00 (Central European Time) in English. [Register here](#)

## 6. Storage Optimization for SAP on DB2 - DB2 Near-Line Storage Solution for SAP NetWeaver BW

### Abstract

The SAP NetWeaver BW application offers a Near-Line storage (NLS) interface that enables you to separate frequently accessed BW data from not-frequently accessed (old) BW data. The NLS data access is transparent to end users. With the new DB2-related NLS approach, NLS data is stored in a separate DB2 database.

The solution is fully integrated into the SAP NW BW application at no extra license fee for customers that have a DB2 license from SAP. It reduces the size of the operational BW system and improves database performance. As SAP NW BW systems are growing significantly over time, the NLS feature becomes more and more important to reduce operational costs of your SAP NW BW system.

### Sessions for registration:

- Delivery on 22.10.2009 at 08:00 (Central European Time) in English. [Register here](#)
- Delivery on 10.11.2009 at 18:00 (Central European Time) in English. [Register here](#)

## 7. Performance Optimization with SAP on DB2 - Key Performance Indicators

### Abstract

Performance is a lynchpin for successful database operations. In particular, response time and throughput decide if service level agreements, user expectations, and smooth operation of your business are met or missed. Key Performance Indicators (KPIs) help to quickly verify the database performance's health, catch bad trends before they become a problem, determine optimization potential of new business applications, and help shorten turn-around times to problem solution if a problem occurs.

This session provides an introduction to the nuts and bolts on what to pay attention to, and how to proactively and reactively tune your system putting KPIs to use.

### Sessions for registration:

- Delivery on 02.11.2009 at 08:00 (Central European Time) in English. [Register here](#)
- Delivery on 02.11.2009 at 18:00 (Central European Time) in English. [Register here](#)

## 8. Monitoring and Administration with SAP on DB2 - DB6CONV

### Abstract

DB6CONV has been developed for DB2 for LUW to efficiently perform single table conversions, which can be done offline as well as online. With version 5.00, DB6CONV has been enhanced to perform mass conversions of tables (for example, the conversion of a complete tablespace).

This session explains the functionality of DB6CONV in detail and explains some use cases in a live demo.

### Sessions for registration:

- Delivery on 30.11.2009 at 18:00 (Central European Time) in English. [Register here](#)
- Delivery on 13.11.2009 at 08:00 (Central European Time) in English. [Register here](#)

## 9. Performance Optimization with SAP on DB2 - SAP NetWeaver BW

### Abstract

DB2 for LUW provides powerful features for optimizing performance of SAP NetWeaver BW, such as the database partitioning feature (DPF), multi-dimensional clustering (MDC), row and index compression.

This session provides guidelines and recommendations on how to use these DB2 features to optimize an SAP NetWeaver BW system. We provide recommendations for the number of database partitions and partition layout, for the use of multi-dimensional clustering to improve query performance and BW maintenance operations, for an optimal compression strategy, and for adequate RSADMIN parameter settings.

### Sessions for registration:

- Delivery on 30.11.2009 at 08:00 (Central European Time) in English. [Register here](#)
- Delivery on 12.11.2009 at 18:00 (Central European Time) in English. [Register here](#)

### Storage Optimization with SAP on DB2 - Storage Efficiency

#### Abstract

With DB2 9.1, the storage optimization feature was introduced. With data compression, significant storage savings can be achieved. The DB2 9.7 database enhances the storage optimizations feature by the capability of index compression, temporary table compression and the possibility to further optimize the usage of storage with intelligent LOB data type handling.

The session will introduce in the features for Storage Efficiency with DB2. It will cover the technology under the hood, discuss achieved savings and will explain how to enable the feature with SAP NW based Systems on DB2 9.7 for Linux, UNIX and Windows.

#### Target Audience

IT manager, technical consultants, database administrators

#### Added Value

The session will introduce in the possibilities to implement the compression feature on existing systems and also during heterogeneous system copies or Unicode Conversions. After the session, the audience will understand how to implement the feature.

#### Relevant Roles

- Development Consultant
- Management
- Solution Consultant

#### Partnership Solution Focus

- Generic Information for Services Partners

#### Service Regional Focus

All Service Regions



### Monitoring and Administration with SAP on DB2 - Introduction to the DBA Cockpit

#### Abstract

- Landscape Monitoring & Integration with Solution Manager
- Monitoring Ad Hoc-Data
- Analyzing Historical Data
- Administration Tools
- Diagnostics & Trouble Shooting

#### Target Audience

Database administrators

#### Added Value

This session provides an overview of the DBA Cockpit functions. It is described how you can monitor and manage the databases in your system landscape, especially focusing on the role of the DBA Cockpit in the SAP Solution Manager.

You learn, for example, how to set up and integrate systems, how to find basic information and key figures about performance and space, how to configure your database, and how to perform regular administration tasks.

#### Relevant Roles

- Development Consultant
- Solution Consultant

#### Partnership Solution Focus

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### IBM DB2 9.7 for Linux, UNIX, and Windows Optimized for SAP

#### Abstract

In 2004, SAP and IBM took their partnership to the next level by launching the initiative "DB2 Optimized for SAP". This initiative aims to optimally integrate new DB2 database releases with SAP applications bringing the focus on joint technology innovation, product integration and service alignment.

This session provides information about how the partnership between SAP and IBM works. In addition, you learn about the benefits of DB2 9.7 optimized for SAP provides you with as an SAP customer.

#### Target Audience

IT Manager, Consultants, Database Administrators

#### Added Value

After the session, you have a better understanding of the "DB2 Optimized for SAP" initiative.

You learn about the benefits of using DB2 9.7 for LUW with SAP applications with respect to stability, support, maintenance strategy, reduced TCO and services

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- Development Consultant
- Management
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### Monitoring and Administration with SAP on DB2 - Database Performance Warehouse (DPW)

#### Abstract

The SAP Database Performance Warehouse (DPW) contains key database performance indicators of your SAP system landscape for status reporting and long term performance analysis. It is used by the Solution Manager Diagnostics (SMD) back-end and is therefore an integrated part of SAP Solution Manager.

The DPW exploits SAP NetWeaver BW technology and allows you to modify predefined reports for system availability and system performance monitoring according to your needs and your own service level agreements. With the DPW, you can now start merging data from different technology stacks for a real end-to-end root cause analysis.

#### Target Audience

IT Manager, Consultants, Database Administrators

#### Added Value

After the session, you have a better understanding of the "Database Performance Warehouse" feature. During the live demo, you learn how you can monitor the workload and special metrics of DB2 and how you can extend reporting according to your requirements.

#### Relevant Roles

- Development Consultant
- Management
- Solution Consultant

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### High Availability with SAP on DB2 - IBM DB2 for LUW Cluster Using IBM Tivoli SA MP

#### Abstract

SA MP is a high-availability cluster solution that provides several monitoring mechanisms to detect system failures and that provides a set of rules to initiate the correct action without any user interaction.

If DB2 is protected by a cluster manager, you have to change certain database configuration settings. For example, you have to set up the cluster configuration to enable the failover process in case of an outage. The DB2 High Availability (HA) feature integrates SA MP transparently into the DB2 product. This means, that all performed configuration changes are transparently performed to ensure the failover requirements.

#### Target Audience

Technical consultants, database administrators

#### Added Value

After the session, you have a better understanding of the DB2 HA feature and how you can configure your own high availability database using the setup scripts provided by SAP. These scripts automate most of the configuration work and reduce the time effort and complexity of an manual installation considerably.

You learn how to install the cluster manager using the SAP tools, what this means for your DB2 database, how you can validate your configuration and how you can use your new high availability features to perform new tasks like cluster switches.

#### Relevant Roles

- Development Consultant
- Solution Consultant

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### Storage Optimization for SAP on DB2 - DB2 Near-Line Storage Solution for SAP NetWeaver BW

#### Abstract

The SAP NetWeaver BW application offers a Near-Line storage (NLS) interface that enables you to separate frequently accessed BW data from not-frequently accessed (old) BW data. The NLS data access is transparent to end users. With the new DB2-related NLS approach, NLS data is stored in a separate DB2 database.

The solution is fully integrated into the SAP NW BW application at no extra license fee for customers that have a DB2 license from SAP. It reduces the size of the operational BW system and improves database performance. As SAP NW BW systems are growing significantly over time, the NLS feature becomes more and more important to reduce operational costs of your SAP NW BW system.

#### Target Audience

IT manager, technical consultants, database administrators, BW administrators.

#### Added Value

After the session, you have a better understanding of the rationales behind the SAP BW NLS solution and its value proposition. You learn about the seamless integration of the SAP BW NLS solution on DB2 and how to set up and to configure your SAP NW BW system for NLS.

During a live demo, you learn how data is transferred from an online SAP NW BW system to NLS storage and how you can monitor a NLS database. Afterwards, examples of how data is transparently retrieved from the NLS database are shown.

#### Relevant Roles

- Development Consultant
- Management
- Solution Consultant

#### Partnership Solution Focus

- Business Intelligence
- Generic Information for Services Partners

#### Service Regional Focus

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### Performance Optimization with SAP on DB2 - Key Performance Indicators

#### Abstract

Performance is a lynchpin for successful database operations. In particular, response time and throughput decide if service level agreements, user expectations, and smooth operation of your business are met or missed. Key Performance Indicators (KPIs) help to quickly verify the database performance's health, catch bad trends before they become a problem, determine optimization potential of new business applications, and help shorten turn-around times to problem solution if a problem occurs.

This session provides an introduction to the nuts and bolts on what to pay attention to, and how to proactively and reactively tune your system putting KPIs to use.

#### Target Audience

DB2 for LUW administrators, technical consultants, basis administrators, developers

#### Added Value

The session provides you with an introduction to the nuts and bolts on what to pay attention to, and how to proactively and reactively administer your system.

You learn which database performance indicators are important, what they mean from a technical perspective, how they are monitored in an SAP system, and what are good goals for a SAP systems.

#### Relevant Roles

- Development Consultant
- Solution Consultant

#### Partnership Solution Focus

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### Monitoring and Administration with SAP on DB2 - DB6CONV

#### Abstract

DB6CONV has been developed for DB2 for LUW to efficiently perform single table conversions, which can be done offline as well as online. With version 5.00, DB6CONV has been enhanced to perform mass conversions of tables (for example, the conversion of a complete tablespace).

This session explains the functionality of DB6CONV in detail and explains some use cases in a live demo.

#### Target Audience

Database Administrators

#### Added Value

After this session, you have a better understanding of how DB6CONV works and how you can use it in various scenarios.

#### Relevant Roles

- Development Consultant
- Solution Consultant

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### Performance Optimization with SAP on DB2 - SAP NetWeaver BW

#### Abstract

DB2 for LUW provides powerful features for optimizing performance of SAP NetWeaver BW, such as the database partitioning feature (DPF), multi-dimensional clustering (MDC), row and index compression. This session provides guidelines and recommendations on how to use these DB2 features to optimize an SAP NetWeaver BW system. We provide recommendations for the number of database partitions and partition layout, for the use of multi-dimensional clustering to improve query performance and BW maintenance operations, for an optimal compression strategy, and for adequate RSADMIN parameter settings.

#### Target Audience

SAP BW consultants, warehouse administrators, database administrators

#### Added Value

After the session, you have a better understanding of the different DB2 features to tune your SAP NW BW system. You learn how these DB2 features are integrated in SAP NW BW and how you can optimally configure these features according your specific requirements.

#### Relevant Roles

- Development Consultant
- Solution Consultant

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