



Sydney SQL Server Enterprise User Group

News: 2 March 2011

Agenda

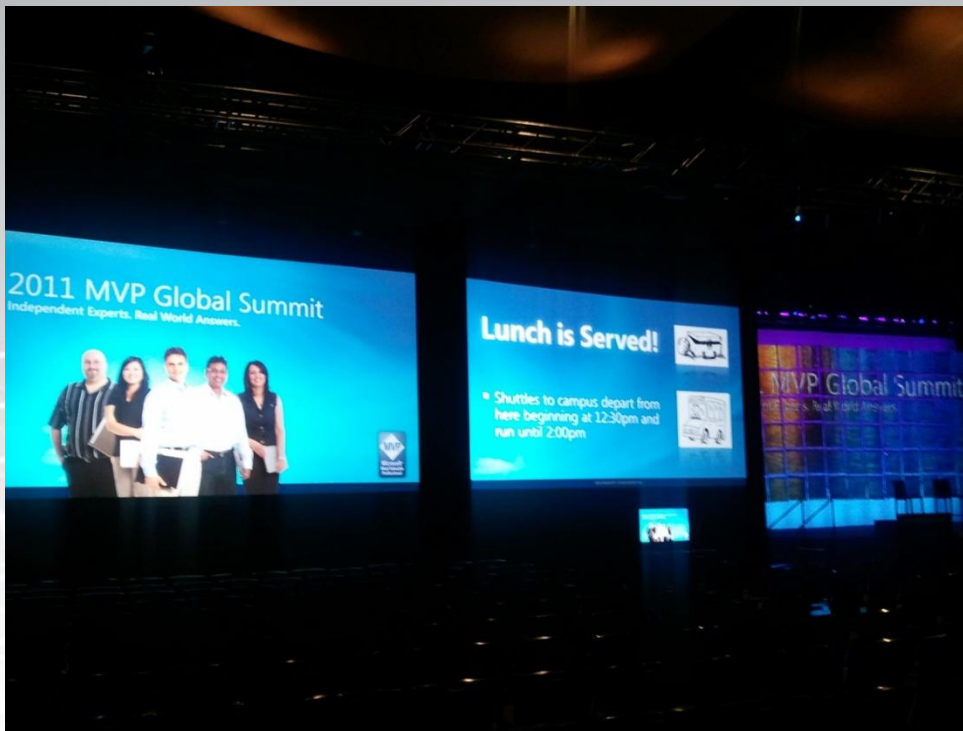
- News
- User Group Benefits

News

- Apologies
- Patches Released
- Downloads
- User Group Benefits

Apologies...

- Victor is at the MVP Summit 2011.



Patches Released

- Cumulative Update #14 for SQL Server 2005 Service Pack 3
- Cumulative Update #2 for SQL Server 2005 Service Pack 4
- Cumulative Update #6 for SQL Server 2008 R2 RTM

Cumulative Update #14 for SQL Server 2005 Service Pack 3

- <http://support.microsoft.com/kb/2489375>
- This build of the cumulative update package is also known as build 9.00.4317
- 2 Fixes
- Of interest...
 - FIX: SQL Server Agent job runs incorrectly if it is scheduled to run every hour on the last day of every week or month in SQL Server 2005
 - I will make you look up the other one 😊

Cumulative Update #2 for SQL Server 2005 Service Pack 4

- <http://support.microsoft.com/kb/2489409>
- This build of the cumulative update package is also known as build 9.00.5259
- 9 Fixes
- Of interest...
 - FIX: A query that uses the DATEDIFF function may run slowly in SQL Server 2005
 - FIX: Poor performance may occur when you execute a query that contains multiple self-join operations on the same column in SQL Server 2005, in SQL Server 2008 and in SQL Server 2008 R2
 - FIX: Database mirroring session is suspended in SQL Server 2005 and in SQL Server 2008 R2 if the High-performance (asynchronous) mode is used

Cumulative Update #2 for SQL Server 2005 Service Pack 4

- FIX: The variables of an SSIS 2008, SSIS 2008 R2 or SSIS 2005 package are evaluated incorrectly when you run the package in parallel
- FIX: Error code 17883 or "Non-yielding Scheduler" error may occur when you use the OPENQUERY function on SQL Server 2005
- FIX: "Msg 2601, Level 14, State 1, Line 1 Cannot insert duplicate key row" error when you run the ALTER PARTITION FUNCTION statement to split or merge a partition range in SQL Server 2005

Cumulative Update #6 for SQL Server 2008 R2 RTM

- <http://support.microsoft.com/kb/2489375>
- This build of this cumulative update package is also known as build 10.50.1765.0
- 43 Fixes
- Most fixes are BI related, as expected
- Of interest...
 - FIX: Database mirroring session is suspended in SQL Server 2005 if the High-performance (asynchronous) mode is used
 - FIX: You may receive an incorrect result when you run a query that uses the ROW_NUMBER function together with a left outer join in SQL Server 2008
 - FIX: A SQL Server Agent job incorrectly runs after the specified end date in SQL Server 2008

Cumulative Update #6 for SQL Server 2008 R2 RTM

- FIX: Poor performance may occur when you execute a query that contains multiple self-join operations on the same column in SQL Server 2005 and in SQL Server 2008
- FIX: Slow performance when you recover a database if there are many VLFs inside the transaction log in SQL Server 2005 or in SQL Server 2008
- "RESTORE DATABASE is terminating abnormally" error message when you perform a full backup of a database in SQL Server 2008 R2
- "Non-yielding Scheduler" error and SQL Server 2008 stops responding intermittently in Windows Server 2008
- FIX: SQL Server 2008 R2 performs poorly when most threads wait for the CMEMTHREAD wait type if the threads use table variables or temp tables to load or update rowsets

Downloads

- Microsoft JDBC Driver 3.0 for SQL Server and SQL Azure
- PHP on Windows and SQL Server Training Kit (February 2011 Update)

Microsoft JDBC Driver 3.0 for SQL Server and SQL Azure

- Download the SQL Server JDBC Driver 3.0, a Type 4 JDBC driver that provides database connectivity through the standard JDBC application program interfaces (APIs) available in Java Platform, Enterprise Edition 5 and above. This version of SQL Server JDBC Driver 3.0 adds support for SQL Azure
- Available: www.microsoft.com/downloads

PHP on Windows and SQL Server Training Kit (February 2011 Update)

- The PHP on Windows and SQL Server Training Kit includes a comprehensive set of technical content including demos and hands-on labs to help you understand how to build PHP applications using Windows, IIS 7.5 and SQL Server 2008 R2
- Available: www.microsoft.com/downloads

User Group Benefits

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Book: SQL Server 2008 Administration in Action

- <http://www.manning.com/colledge/>



SQL Server 2008 Administration in Action

EARLY ACCESS EDITION

Rod Colledge

MEAP Release: May 2008
Softbound print: May 2009 (est.) | 450 pages
ISBN: 193398872X

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Manning Early
Access Program

Next Sessions

DBD: Delivering Self-Service Managed BI with PowerPivot

- **Date:** 2nd March
- **Speaker:** Peter Myers (SolidQ)

ARC: Clustering / Geo-Clustering

- **Date:** 6th April
- **Speaker:** Nicholas Gee (Business Continuity)

Next Sessions

ARC: Clustering / Geo-Clustering

- **Date:** 6th April
- **Speaker:** Nicholas Gee (Business Continuity)

DBA: TBD

- **Date:** 4th May
- **Speaker:** Victor Isakov (SQL Server Solutions)

Designing a Microsoft Failover Cluster Solution

- Microsoft Failover Clustering has proven to be a popular, well-adopted and proven high-availability solution. Microsoft has improved the technology in every version. Yet Failover Clustering still has a number of limitations, such as shared storage arrays and distance limitations. In this session Victor Isakov (MCA, MCM, MCT, MVP) will examine these limitations, your considerations for designing a failover cluster solution and the future of Failover Clustering.

Implementing a Geo-Clustering Solution

- Double-Take Software and Microsoft engaged at the Microsoft Enterprise Engineering Center (EEC) to deliver a non-SAN based site recovery solution implemented with Windows Server 2008 Hyper-V running on HP DL380 G5 servers. The solution leverages Stretch Clustering between primary and remote sites. A major advantage of the solution is that it does not require shared storage or have geographic restrictions, and can be deployed using components of the existing infrastructure. Based on Double-Take GeoCluster replication, cluster nodes can be located anywhere and are kept current asynchronously. This solution is based completely on software data replication and can be used with heterogeneous storage environments. Failover to the remote site(s) can be automatic or administrator initiated.
- The GeoCluster solution is hardware and hypervisor independent, and will work with Hyper-V, ESX and XEN or mixed environments - X2X, and ideally suited for Cloud based computing.