



# Sydney SQL Server Enterprise User Group

News: 2 February 2011

# Agenda

- News
- User Group Benefits

# News

- Patches Released
- Support
- PDW
- Denali
- Microsoft Certified Master
- User Group Benefits

# Patches Released

- SQL Server 2005 SP4 RTM
- Cumulative Update #13 for SQL Server 2005 Service Pack 3
- Cumulative Update #5 for SQL Server 2008 R2 RTM
- Cumulative Update #1 for SQL Server 2005 Service Pack 4
- Cumulative Update #12 for SQL Server 2008 Service Pack 1
- Cumulative Update #2 for SQL Server 2008 Service Pack 2



# Support

- End of Mainstream Support for SQL Server 2005 and End of Service Pack Support for SQL Server 2008 SP1
  - We would like to remind all customers that Mainstream Support for SQL Server 2005 Service Pack 3 and SQL Server 2005 Service Pack 4 will end on **April 12, 2011**, and Service Pack Support for SQL Server 2008 Service Pack 1 will end on **October 11, 2011**. Microsoft is ending support for these products as part of our Support Lifecycle policy, found in <http://support.microsoft.com/lifecycle>.

# PDW

- SQL Server 2008 R2 Parallel Data Warehouse released
  - SQL Server 2008 R2 PDW provides a massively parallel processing architecture that is pre-tuned and preconfigured for the customer's needs
  - PDW will be available with a choice of hardware, beginning with appliances from HP.

# “Denali”

- Denali CTP1 Released
- Slated for release in 2011
- Game-changing features
  - Column based query accelerator (Apollo)
    - Column-store indexes
  - HADR
    - New DB Mirroring / clustering combination
  - SQL Studio (Juneau)
    - Separate DBA from DBD/BID tools
  - Contained Database
  - File Tables
  - Cloud based management

# Microsoft Certified Master

- “Commoditised” MCM
- No need to attend training at Microsoft
- Two exams:
  - Knowledge
  - Lab (\$2500)
- 3 MOC courses will be available
- “Talk to me” if you are interested



# User Group Benefits

- Microsoft Press
- Australian Microsoft Press website
- Manning Publications Discount

# Australian Microsoft Press Website

- [www.mspress.com.au](http://www.mspress.com.au)
- 30% Discount for User Group Members

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- [www.manning.com](http://www.manning.com)
- Discount for User Group Members of any Manning book
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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  
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# 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)



# DBD: Delivering Self-Service Managed BI with PowerPivot

- One of the pillars of the SQL Server 2008 R2 release is Managed Self-Service BI. The SQL Server PowerPivot for Excel add-in is a key offering in this pillar, and delivers an entirely new analytic experience to Excel 2010. The add-in allows analysts to load and prepare large volumes of data from various sources to create a multidimensional model. The model can be enriched with sophisticated calculations. Then the model can then be used as the source for PivotTable and PivotChart reports.
- And yet that's not the end of the story. With the SQL Server PowerPivot for SharePoint add-in, the Excel workbooks that host the PowerPivot model can be catalogued in SharePoint and exposed as a data source for other Excel and Reporting Services reports. These SharePoint hosted models can then be managed by IT with scheduled data refreshes from the originating data stores.
- In this session, you will be introduced to the two add-ins. An end-to-end series of theory, demonstrations and discussion will describe how you can effectively leverage the add-ins with your own analysis and reporting requirements.

# ARC: 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.

# ARC: 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.