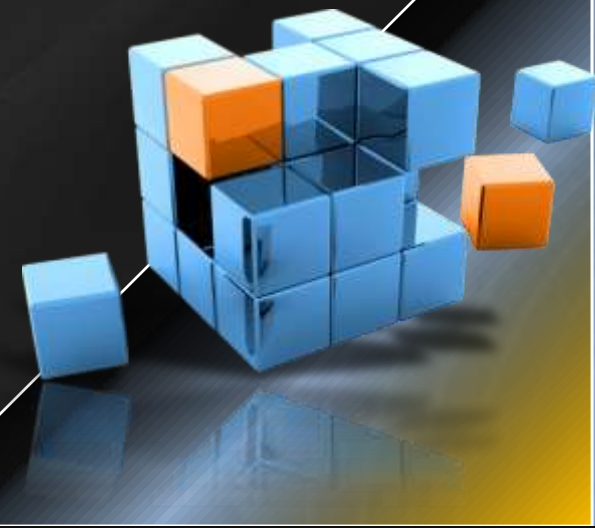


By Derek Comingore, Sr. Architect ComFrame Software



Upgrading to SQL Server 2008 for Business Intelligence Solutions

Module 2: Post-Upgrade



About ComFrame

- Founded 1997
- Numerous growth and innovation awards (Smithsonian, Inc., Birmingham Business Journal)
- 350+ successful IT projects
- Offices in Birmingham, Nashville, Beijing

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Published Case Studies

- For additional information, see published case studies on the following ComFrame clients:
 - ACTEK
 - Awarix
 - Energen
 - EPL
 - Honda
 - McGriff, Seibels and Williams
 - SunGard
 - Vesta



Recap of Planning Module

Executing the Upgrade

Post-Upgrade Considerations & Tasks

Training

ROI Documentation

Summary



Recap of Planning Module

- Reviewed what the common SQL Server BI components are and how they work together to provide an entire BI solution.
- Discussed why you should heavily consider upgrading to SQL Server 2008 for BI
- Addressed Pre-Upgrade Considerations & Tasks
- Developed, Tested, and Implemented the BI Upgrade Plan



Post-Upgrade Considerations & Tasks: DTS

- Manually Review & Run all SSIS 2008 Packages produced by the DTS Migration Wizard
- Several DTS Items are not migrated or partially migrated and thus need further manual attention:
 - Analysis Services Processing Task
 - Annotations
 - ActiveX Script Tasks
 - Dynamic Properties
 - Package Security
 - Error Handling and Logging



Post-Upgrade Considerations & Tasks: SSIS

- The Package Upgrade Wizard updates all package connections provider names that reference SQL Native Client & SSAS, however external data source file names that reference SQLCLI & MSOLAP.3 are not updated
- Custom Components require recompile for SSIS 2008
- Some Script Tasks & Components are not updated
- Lookup Components will require manual tuning to leverage the new SSIS 2008 Lookup enhancements
- Any job or other entity that references DTEXEC.exe must be changed to the SQL 2008 directory, 100\DTS\Binn



Post-Upgrade Considerations & Tasks: SSAS OLAP

- Review all upgraded SSAS DBs and their objects
- Ensure client applications can connect to your cubes and interact with them as expected
- Create BIDS SSAS projects for upgraded DBs via the Import Analysis Services DB Project Type
- Resolve any breaking changes or non-migrated items
- Don't forget to remove the old instance of SSAS 2000 | 2005 once a SxS migration is confirmed to be working as expected



Post-Upgrade Considerations & Tasks: SSAS Data Mining

- Review all upgraded SSAS DBs and their objects
- The remaining tasks revolved around taking advantage of the new capabilities found in SSAS 2008 Data Mining for your upgraded models:
 - Leverage the Lift Chart for viewing the accuracy of prediction models
 - Use Cross-Validation to determine how reliable your models are
 - Consider leveraging Model Filtering for defining subsets of data to be used by a given model



Post-Upgrade Considerations & Tasks: SSRS

- Use the Report Server Configuration tool to ensure a successful in-place upgrade occurred
- Don't forget to uninstall the older SSRS 2000 | 2005 instance if using a SxS migration
- Review and test existing reports and report subscriptions
- Update clients components
- Recompile and redeploy all custom extensions & assemblies



Summary

- By performing Post-Upgrade Tasks & Considerations you can further solidify that you have successfully completed your SQL Server 2008 BI Upgrade
- Once you are at this point...CONGRATULATIONS. You are now powering your organization's Business Intelligence Solutions with some of the most feature rich, lowest TCO BI Platform Available in Today's Age, Microsoft SQL Server 2008
- For More information please see the 'SQL 2008 Upgrade Technical Reference Guide' (~500 Pages)

