



Windows Server 2003 and SQL Server 2000 Update



Windows Server 2003 Update

- On July 14, 2015, all Windows Server 2003 support, including security updates and security-related hotfixes, will be terminated by Microsoft
- In the COV network we have ~ 2,500 systems running a version of Windows Server 2003
- 71 agencies have a version of Windows Server 2003 present in their environments

Windows Server 2003 Update

- Level of effort for Windows Server 2003 upgrades is similar to the current Windows 2000 Server upgrade project
- VITA/Northrop Grumman will perform a hardware (HW) assessment to determine if the HW is a valid candidate for migrating to the higher operating system (OS) level
 - Candidate HW will be an OS upgrade in-place
 - Non-candidate HW will require new server build and then migration/cutover

Windows Server 2003 Update

- Agencies will need to evaluate application stack to ensure compatibility with the higher OS version
- A migration schedule will be built base on assessments and communicated with the agencies
 - Agency operations managers (AOM) and customer account managers (CAM) will share high level project plan and targeted dates for the agency's server upgrades

SQL Server 2000 Update

- SQL Server 2000 Microsoft support ends April 9, 2013
- In the COV we have 130 SQL standard and enterprise servers
 - With 146 SQL Server database instances in 29 agencies
- **** Noteworthy****
 - Non-server platforms in agencies running SQL Server 2000
 - 1,091 desktop and other editions in 44 agencies

SQL Server 2000 Update

- What is involved?
 - Identify applications to be upgraded
 - Some applications have to be modified to work with SQL Server 2008R2 and others may need to have the new version installed.
 - Convert data transformation services (DTS) to integration services (SSIS)
 - DTS primary function is for data import and export; in newer version of SQL Server this function is performed by SSIS
 - Modify SQL Server 2000 commands
 - Applications using older SQL commands may require command adjustments to work with newer versions of SQL Server

SQL Server 2000 Update

- What is involved?
 - Review the security on your existing servers
 - Build new SQL Servers to the new security standards
 - Sensitive data may require additional security hardening
 - Migrate database to SQL Server 2008R2 X64
 - Where applicable identify desktop changes

What if the upgrades cannot be supported?

- It is the standard of commonwealth to maintain “N and N minus 1” status for software
- The commonwealth must be running only the most current version of software, or at the least, only one version back
- Agency will need to file an exception to comply with SEC501

Questions?