Monthly Maintenance



Kevin Hill SQL SERVER DBA @Kevin3NF



Overview



SQL Server Patching

Test Restores

System Cleanup

Demos



SQL Server Patching



Patching Basics

Operating system patches
Scheduling
"Patch Tuesday"



SQL Server Patching

Test system first

Management "buy-in"

N-1

Support

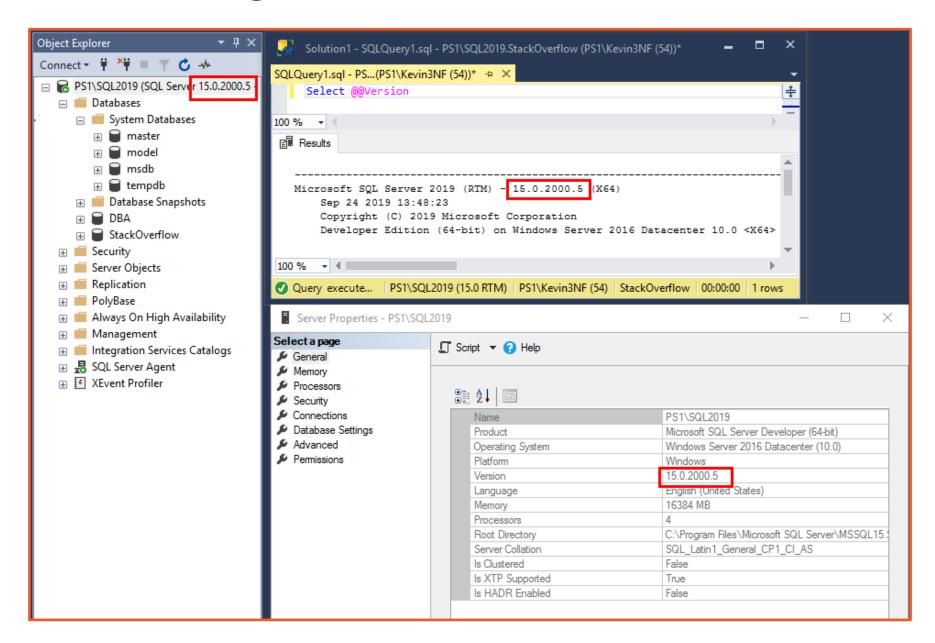
- Microsoft
- Application vendors



SQL Server Terminology Service pack
Cumulative updates
Hotfixes

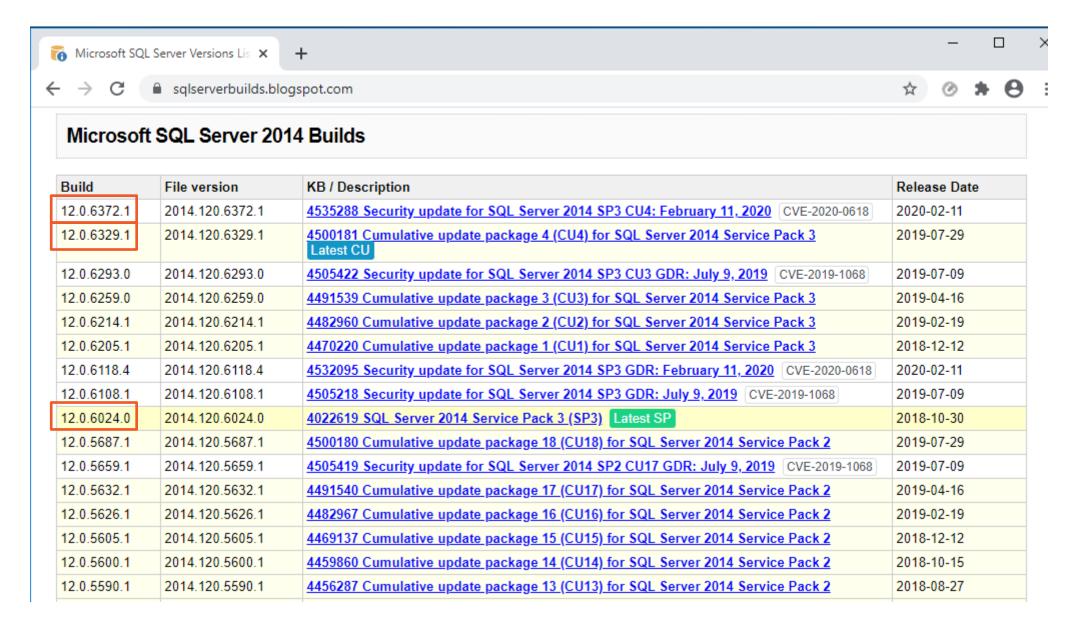


Finding the SQL Server Version





Translating Build Numbers to SP/CU





User Database Test Restores



Backup

"A copy of data that can be used to restore *and recover* the data after a failure."

-- docs.Microsoft.com (emphasis mine)



Restore Methods

Manual

T-SQL script

DBATools.io

- Test-DbaLastBackup

File System Cleanup



What to Look For

Old Backups
Old text reports
ErrorLog retention
Application Logs



Demo

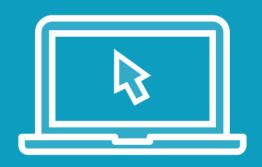


Manual Test Restore

- SSMS Interface
- T-SQL



Demo



Automated Restores with DBATools



Summary



What we learned

- SQL Server patching
- Test restores
- File system cleanup

