

SQL-Server Feature Comparison From 2008 to 2016

The below Given Table shows the feature Comparisons while highlighting the Most important Feature upgrades by Version

Features Vs Version	SQL Server 2016	SQL Server 2014	SQL Server 2012	SQL Server 2008 R2	SQL Server 2008
Performance					
In-memory OLTP*	●	●			
In-memory columnstore*	●	●	●		
Buffer pool extension to SSD	●	●			
Resource Governor	●	●	●	●	●
High Availability					
AlwaysOn*	●	●	●		
Enhanced virtualization support and live migration	●	●	●	●	
Security					
Transparent data encryption*	●	●	●	●	●
Backup encryption support	●	●			
Fine-grained auditing	●	●	●	●	●
Separation of duties	●	●	●		
Cloud-Readiness					
Backup to Azure	●	●	●		
Disaster recovery to Microsoft	●	●			
Optimized virtual machine images in Azure gallery	●	●	●		
Management and Programmability					
Distributed replay	●	●	●		
Policy-based management	●	●	●	●	●
Enhanced programmability	●	●	●	●	●
BI and Analytics					
PowerPivot for Excel	●	●	●	●	
Integration services managed as a server	●	●	●		
Hadoop connector via Apache Sqoop	●	●	●	●	●
Tabular BI semantic model*	●	●	●	●	
Master data services*	●	●	●	●	
Data quality services*	●	●	●		