







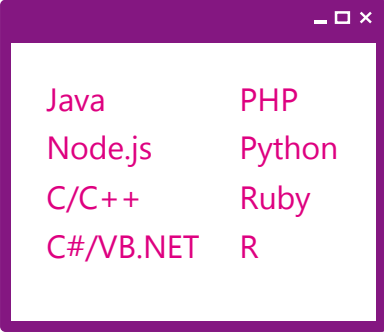




Overview of Microsoft SQL Server on SUSE®

Tommy Mullaney

Program Manager, Microsoft SQL Server

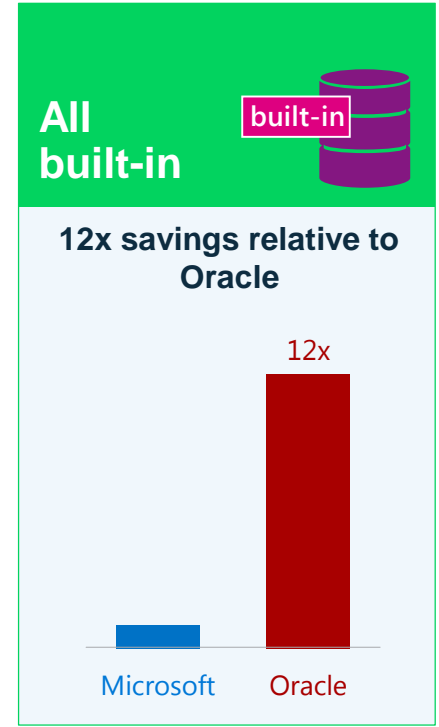
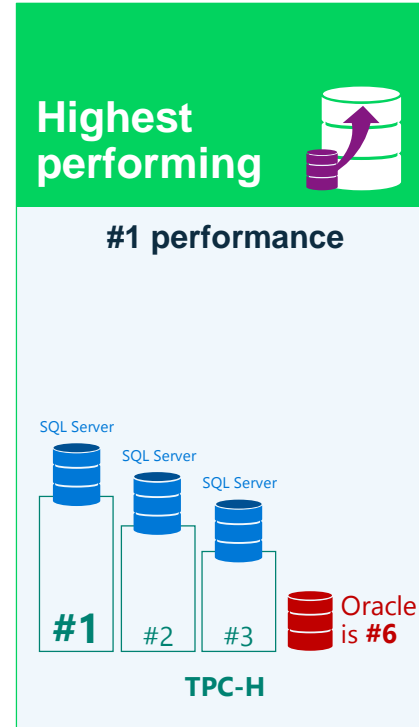
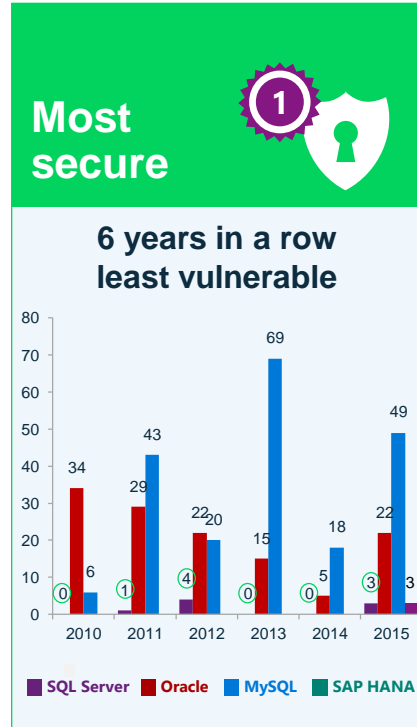
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Empowering every person and organization

   	 <pre>Java PHP Node.js Python C/C++ Ruby C#/VB.NET R</pre>		 Windows Server  Linux  docker
<p>Data types</p>	<p>Languages</p>	<p>Clouds</p>	<p>Platforms</p>

Committed to choice.

Why SQL Server?



¹ "Gartner "Magic Quadrant for Operational Database Management Systems," by Donald Feinberg , Merv Adrian, Nick Heudecker, Adam Ronthal, October 2015.

² "Gartner "Magic Quadrant for Business Intelligence and Analytics Platforms," by Josh Parenteau, Rita L. Sallam, Cindi Howson, Joao Tapadinhas, Kurt Schlegel, Thomas W. Oestreich, February 4, 2016.

³ National Institute of Standards and Technology Comprehensive Vulnerability Database update February 2016.

⁴ http://www.tpc.org/tpch/results/tpch_perf_results.asp?resulttype=noncluster; http://www.tpc.org/tpce/results/tpce_perf_results.asp?resulttype=NONCLUSTER&version=1%¤cyID=0

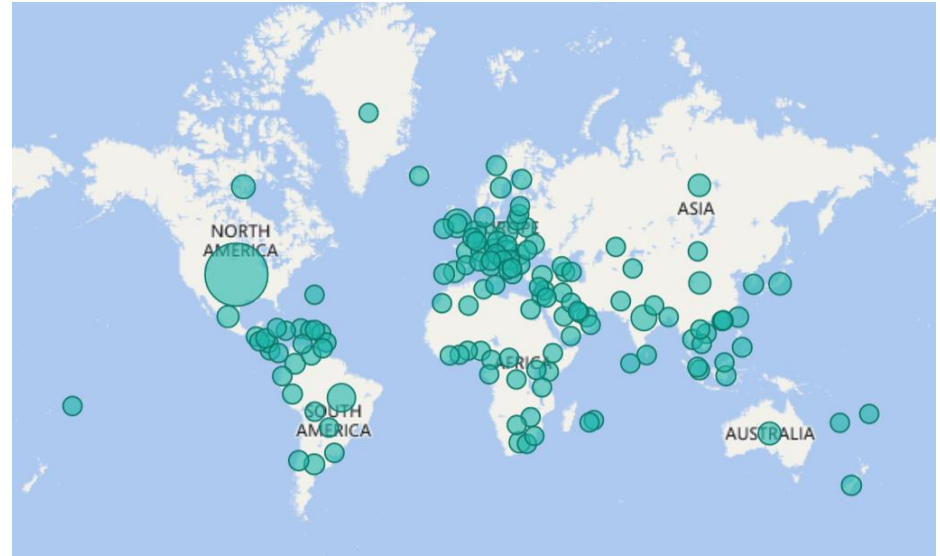
SQL Server on Linux Private Preview

22.21K

preview signups

55%

of Fortune 500 in first week



● Added Daily ● Running Total



What's working already?

Operations Features

Support for RHEL, Ubuntu, Docker

- SLES very soon... demo today!

Package-based installs

Docker image

Support for Open Shift, Docker Swarm

Failover Clustering via Pacemaker

Backup / Restore

SSMS on Windows connected to Linux

Command line tools: sqlcmd, bcp, sqlpackage

Transparent Data Encryption

Backup Encryption

SCOM Management Pack

DMVs

Programming Features

All major language driver compatibility

In-Memory OLTP

Columnstore

Query Store

Compression

Always Encrypted

Row-Level Security, Data Masking

Auditing

Service Broker

Change Data Capture

Partitioning

CLR

JSON, XML

Third-party tools

..and more!

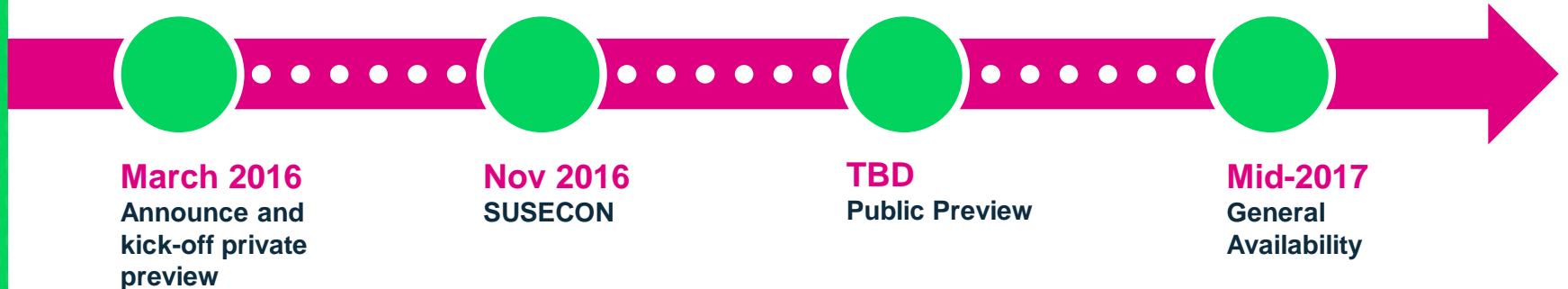
Demo time!

What's next?

More features:

- SLES Support
- Always On Availability Groups
- Full-Text Search
- Active Directory Authentication

Work closely with partners to support SQL Server on Linux
SQL Early Adoption Program (SQL EAP)



Get involved!

Sign up for private preview and for email notifications & surveys

Watch for announcements at Connect()

Email thmullan@microsoft.com if you are interested in Early Adoption Program

Come talk to me at the Microsoft booth!

Tommy Mullaney

Program Manager, Microsoft SQL Server

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System Architecture

