About me

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Azure Update Manager

Video type: Nugget

Video category: 300

Session Agenda

- Why Azure Update Manager

- Support Matrix

- Extended Security Updates (ESU) for Windows Server

- Pricing

- What's upcoming

- Live Demo

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- Provides native experience with zero on-boarding
  - Built as native functionality on Azure and Azure Arc
  - No dependency on Log Analytics and Azure Automation.
  - Azure Policy support.
  - Global availability in all regions.
- Works with Azure roles and identity
- Offers enhanced flexibility
  - Installing updates immediately or scheduling them for a later
  - Check updates automatically or on demand
  - Sync patch cycles in relation to "patch Tuesday"

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Support Matrix

- First-party updates on Windows
  - Updates include security patches for Microsoft SQL Server and other Microsoft software.

- Third-party updates
  - Use local WSUS and tools such as SCCM as their update repository with third-party software

- All regions are supported
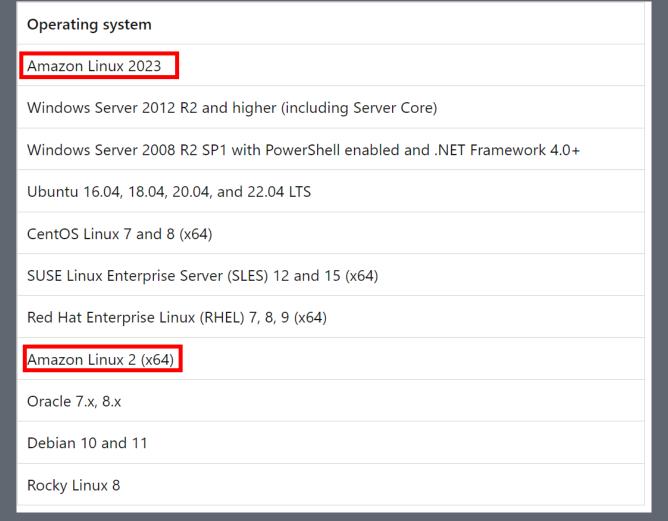
Support Matrix

- Operating system support in Azure

Publisher	Versions
Microsoft Windows Server	1709, 1803, 1809, 2012, 2016, 2019, 2022
Microsoft Windows Server HPC Pack	2012, 2016, 2019
Microsoft SQL Server	2008, 2012, 2014, 2016, 2017, 2019, 2022
Microsoft Visual Studio	ws2012r2, ws2016, ws2019, ws2022
Microsoft Azure Site Recovery	Windows 2012
Microsoft BizTalk Server	2016, 2020
Microsoft DynamicsAx	ax7
Microsoft Power BI	2016, 2017, 2019, 2022
Microsoft SharePoint	sp*

Publisher	Versions
Canonical	Ubuntu 16.04, 18.04, 20.04, 22.04
Red Hat	RHEL 7,8,9
OpenLogic	CentOS 7
SUSE 12	sles, sles-byos, sap, sap-byos, sapcal, sles-standard
SUSE 15	basic, hpc, opensuse, sles, sap, sapcal
Oracle Linux	7*, ol7*, ol8*, ol9*
Oracle Database	21, 19-0904, 18.*

Support Matrix

- Operating system support in for Azure-ARC enabled server

Operating system
Amazon Linux 2023
Windows Server 2012 R2 and higher (including Server Core)
Windows Server 2008 R2 SP1 with PowerShell enabled and .NET Framework 4.0+
Ubuntu 16.04, 18.04, 20.04, and 22.04 LTS
CentOS Linux 7 and 8 (x64)
SUSE Linux Enterprise Server (SLES) 12 and 15 (x64)
Red Hat Enterprise Linux (RHEL) 7, 8, 9 (x64)
Amazon Linux 2 (x64)
Oracle 7.x, 8.x
Debian 10 and 11
Rocky Linux 8

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Extended Security Updates (ESU)

To use the Extended Security Update (ESU) support for Windows 2012

- Onboard the server to Azure ARC

- Provision ESU licenses one or more Arc-enabled servers

- Receiver updates from:
    - Azure Update Manager
    - WSUS
    - Microsoft Updates
    - Endpoint Configuration Manager
    - Third-Party tools

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Update Manager Pricing

- Free for Azure VMs

- Free for ARC-enabled Azure Stack HCI VMs (for which Azure Benefits are enabled)

- For Arc-enabled Servers, the price is $5 per server per month (0.16$/server/day)

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What's upcoming

- Expanded support for operating system and VM images
- Prescript and postscript
  - Execute Azure Automation runbook scripts before or after deploying

Live Demo!

- Azure Update Manager overview
- Configuration options
- Reports
- ESU onboarding