



MC2MC Live

Are your hybrid servers up-to-date?

Are you sure ...

Working on agenda updates

How it all began ...

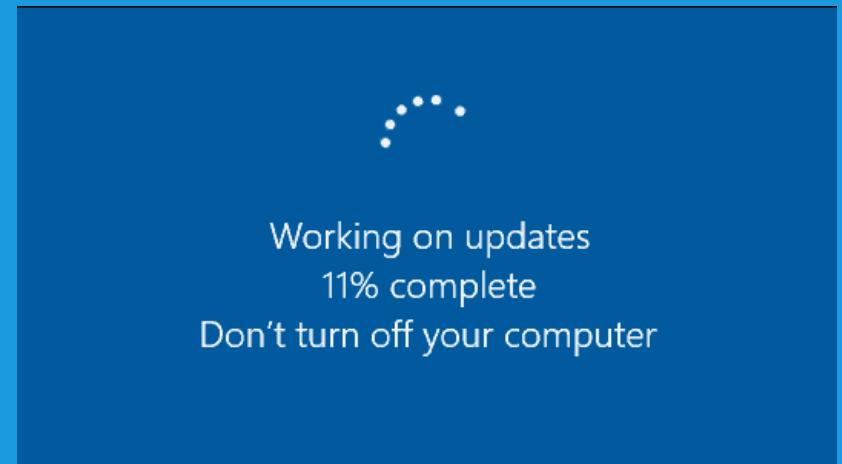
Azure Platform Maintenance

The Azure way

And what about on-premises?

Extended Security Updates

Q&A





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X @wmatthyssen

🌐 <https://wmatthyssen.com>

SCAN ME



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🌐 <https://www.cloud-architect.be/>

SCAN ME





How it all began ...

M C 2

Microsoft Windows Update - Windows Internet Explorer

http://www.update.microsoft.com/windowsupdate/v6/default.aspx?ln=en-us

File Edit View Favorites Tools Help

Favorites Suggested Sites Free Hotmail Web Slice Gallery

Microsoft Windows Update

Quick Links | Home | Worldwide

Search Microsoft.com for: Go

Windows

Windows Update

Windows Family | Windows Marketplace | Office Family | Microsoft Update

Windows Update Home

Windows Update Home

Options

Review your update history
Restore hidden updates
Change settings
FAQ
Get help and support
Use administrator options

Welcome to Windows Update

New! Get Microsoft Update today! Go

Keep your computer up to date

Check to see if you need updates for Windows, your hardware or your devices.

Express Get high-priority updates (recommended)

Custom Select from optional and high-priority updates for Windows and other programs

Concerned about privacy? When you check for updates, basic information about your computer, not you, is used to determine which updates your programs need. To learn more, see our privacy statement.

Windows Update Privacy Statement

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Microsoft

Windows Update web app
(Windows Update v2)

M C 2

Settings

Home

Find a setting

Update & Security

Windows Update

Delivery Optimization

Windows Security

Troubleshoot

Recovery

Activation

For developers

Windows Update

*Some settings are managed by your organization
[View configured update policies](#)

 **Updates available**
Last checked: Yesterday, 14:53

Your device is missing important security and quality fixes.

Security Intelligence Update for Microsoft Defender Antivirus - KB2267602 (Version 1.411.257.0) - Current Channel (Broad)
Status: Pending install

Windows Malicious Software Removal Tool x64 - v5.124 (KB890830)
Status: Pending install

2024-05 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5038283)
Status: Pending install

2024-04 Cumulative Update for Windows Server 2019 (1809) for x64-based Systems (KB5036896)
Status: Pending install

Updates are ready to install

[Install now](#)

*We'll automatically download updates, except on metered connections (where charges may apply). In that case, we'll automatically download only those updates required to keep Windows running smoothly. We'll ask you to install updates after they've been downloaded.

[Change active hours](#)

[View update history](#)

[Advanced options](#)

Server Manager

Server Manager > WSUS

Servers | 1 total

Dashboard Local Server All Servers File and Storage Services IIS WSUS

Events | 3 total

Filter

Server Name SWPWSUS022

Update Services

File Action View Window Help

Server Name Filter

Update Services

SWPWSUS022

Updates

All Updates Critical Updates Security Updates WSUS Updates

Computers

All Computers Unassigned Com

Downstream Servers Synchronizations Reports Options

Critical Updates (97 updates of 97 shown, 15918 total)

Approval: Approved Status: Any Refresh

Title Installed/... Approval

Update for Windows Server 2012 (KB2769165) 0% Install (2/2)

Update for Windows Server 2012 R2 (KB3000850) 0% Install (2/2)

Update for Windows Server 2012 R2 (KB3042085) 0% Install (2/2)

Update for Windows Server 2012 R2 (KB3037623) 0% Install (2/2)

Update for Windows Server 2012 (KB3013767) 0% Install (2/2)

Update for Windows Server 2012 R2 (KB3021910) 0% Install (2/2)

Update for Windows Server 2012 R2 (KB3044374) 0% Install (2/2)

Update for Windows Server 2012 (KB3173426) 0% Install (2/2)

Update for Windows Server 2012 R2 (KB3138615) 0% Install (2/2)

Update for Windows Server 2012 R2 (KB3034348) 0% Install (2/2)

Update for Windows Server 2012 R2 (KB3077715) 0% Install (2/2)

Update for Windows Server 2012 (KB3037623) 0% Install (2/2)

Update for Windows Server 2012 R2 (KB3004908) 0% Install (2/2)

Update for Windows Server 2012 (KB3004908) 0% Install (2/2)

2018-09 Update for Windows Server 2016 (1803) for x64-based Systems (KB4456655)

This update supersedes another update. Before you decline any superseded update, we recommend that you verify it is no longer needed by any computers. To do so, approve the superseding update first.

Status: MSRC severity: Unspecified

Computers with errors: 0 MSRC number: None

Computers needing this update: 0 Release date: donderdag 13 september 2018

Computers installed/not applicable: 0 KB article numbers: 4456655

Description

Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After installing this update, restart the computer.

Actions

Critical Updates Search... New Update... View New Windo... Refresh Help

Update Approve... Decline Group By Revision Hist... File Informat... Status Report Help

Windows Server Update Services

TASKS

Windows Server Update Services (WSUS)



Type here to search



12:01 ENG 3/06/2024

[Tech Community](#)[Community Hubs](#)[Products ▾](#)[Topics ▾](#)[Blogs](#)[Events](#)[Microsoft Learn ▾](#)[Lounge](#)[Register](#)[Sign In](#)

WINDOWS IT PRO BLOG 2 MIN READ

Windows Server Update Services (WSUS) deprecation

**Nir_Froimovici**  MICROSOFT

Sep 20, 2024

Editor's note 9.25.2024: This post has been updated to define deprecation and provide clarity on how this impacts WSUS.

As part of our vision for simplified Windows management from the cloud, Microsoft has announced [deprecation of Windows Server Update Services \(WSUS\)](#). Specifically, this means that we are no longer investing in new capabilities, nor are we accepting new feature requests for

WSUS. However, we are preserving current functionality and will continue to publish updates

Windows Server Update Services (WSUS) deprecation

WSUS channel.

Navigation Pane

Software Library \ Overview Software Updates

Software Updates

Navigation Index

[All Software Updates](#): Synchronize, configure, download, and deploy software updates.

[Deployment Packages](#): Manage software update deployment packages.

[Third-Party Software Update Catalogs](#): Third-Party Software Update Catalogs

Search

- All Software Updates
- Software Update Groups
- Deployment Packages
- Automatic Deployment Rules
- Third-Party Software Update Catalogs

 Microsoft System Center Configuration Manager

Configuration Manager

OS Patching



Azure Update Manager

Configuration



Azure Machine Configuration

Reporting



Azure Change Tracking and Inventory

Scripting



Run Command

Software Distribution



Virtual Machine Apps (VM Apps)

Modernize server management from Configuration Manager to Azure Arc



[How to modernize server management from Configuration Manager to Azure Arc](#)



Azure Platform Maintenance

Planned maintenance of Azure Platform

- **Improve reliability, performance, and security**
 - Patching software components
 - Upgrading networking components
 - Decommission hardware
- **Maintenance that doesn't require a reboot**
 - VM is paused while the host is updated
 - VM is live-migrated to an already updated host
- **Maintenance that requires a reboot**
 - Self-service phase
 - Scheduled maintenance phase

Availability sets



Microsoft Azure Search resources, services, and docs (G+/-) Copilot | ⚡ 🔔 🚧 🌐 🌐 🌐

Home > Virtual machines

+ Create Switch to classic Reservations Manage view Refresh Export to CSV Open query Assign tags Start Restart Stop Delete ...

Filter for any field... Subscription equals all Type equals all Resource group equals all Location equals all Add filter

Showing 1 to 8 of 8 records.

Name	Subscription	Size	Resource group	Private IP address	Public IP address	VM generation	Location
swpaadc018	sub-hub-myh-management-01	Standard_B2ms	RG-HUB-MYH-AADC-01	10.1.2.164	-	V1	West Europe
swpaadc019	sub-hub-myh-management-01	Standard_B2ms	RG-HUB-MYH-AADC-01	10.1.2.165	-	V1	West Europe
swpdc003	sub-hub-myh-management-01	Standard_D2s_v3	RG-HUB-MYH-DC-01	10.1.2.132	-	V1	West Europe
swpdc004	sub-hub-myh-management-01	Standard_D2s_v3	RG-HUB-MYH-DC-01	10.1.2.133	-	V1	West Europe
swpmgmt025	sub-hub-myh-management-01	Standard_B2ms	RG-HUB-MYH-MANAGEMENT-01	10.1.2.70	-	V1	West Europe
swpmgmt026	sub-hub-myh-management-01	Standard_B2ms	rg-hub-myh-management-01	10.1.2.71	-	V1	West Europe
swpweb041	sub-prd-myh-corp-01	Standard_B2ms	RG-PRD-MYH-WEB-01	10.1.3.52	-	V1	West Europe
swpweb042	sub-prd-myh-corp-01	Standard_B2ms	rg-prd-myh-web-01	10.1.3.53	-	V1	West Europe

High Availability ≠ SLA

< Previous Page 1 of 1 Next >

Give feedback

Availability zone

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Home > Virtual machines

+ Create Switch to classic Reservations Manage view Refresh Export to CSV Open query Assign tags Start Restart Stop Delete ...

Filter for any field... Subscription equals **sub-prd-myh-corp-02** Type equals **all** Resource group equals **all** Location equals **all** Add filter

Showing 1 to 4 of 4 records.

Name ↑↓	Subscription ↑↓	Size ↑↓	Availability zone ↑↓	Availability set ↑↓	Resource group ↑↓	Status ↑↓	Private IP address ↑↓
swapp060	sub-prd-myh-corp-02	Standard_B4ms	1	-	rg-prd-myh-app-02	Running	10.1.4.85
swapp061	sub-prd-myh-corp-02	Standard_B4ms	2	-	rg-prd-myh-app-02	Running	10.1.4.84
swpweb047	sub-prd-myh-corp-02	Standard_B2ms	-	AVAIL-PRD-MYH-WEB-02	rg-prd-myh-web-02	Running	10.1.4.52
swpweb048	sub-prd-myh-corp-02	Standard_B2ms	-	AVAIL-PRD-MYH-WEB-02	rg-prd-myh-web-02	Running	10.1.4.53

No grouping List view

Seperated group of datacenters within a region

< Previous Page 1 of 1 Next > Give feedback

Azure VM Regional to Zonal Move

Microsoft Azure Search resources, services, and docs (G+/-) Copilot

Home > swpmgmt028 >

Virtual machines move completed

VM(s) moved successfully to respective availability zone(s). Hope you liked the experience, please provide your [feedback](#).

Subscription: sub-hub-myh-management-01, **Region:** West Europe

Type	Virtual Machine	Availability Zone	Status
Target	swpmgmt028	Zone 1	Move successful
Source	swpmgmt028	NA	Stopped

Next steps

Please review all the source VM settings (E.g.: Azure Backup and Disaster Recovery, RBACs, Extensions, Policies etc.) and reconfigure them as applicable on the target Zonal VM.

After the move, you can optionally delete the source VM.

You can also optionally delete the move collection that was created as part of the move process. [Learn more](#)

Done Give feedback

Azure Service Health

Microsoft Azure Search resources, services, and docs (G+/-) Copilot | Home > Service Health 

Service Health | Planned maintenance

Search Create service health alert Download events as CSV Switch To Classic

Scope == All Subscription == All Region == All Service == All

No planned maintenance events found

Planned maintenance

To view Service Health events, users must have the [reader role](#) on a subscription.

 Give feedback

ACTIVE EVENTS

-  Service issues
-  **Planned maintenance**

Health advisories (2)

Security advisories

HISTORY

RESOURCE HEALTH

ALERTS

Azure Service Health Alert

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Home > Service Health | Health alerts >

Create an alert rule

Scope Condition Actions Details Tags Review + create

Configure when the alert rule should trigger by selecting a signal and defining its logic.

Signal name Service health

We recommend selecting 'All services', to include services currently set up on your subscription and services added in the future. You'll only be notified on health events impacting the services used in your subscription.

Services * 236 selected

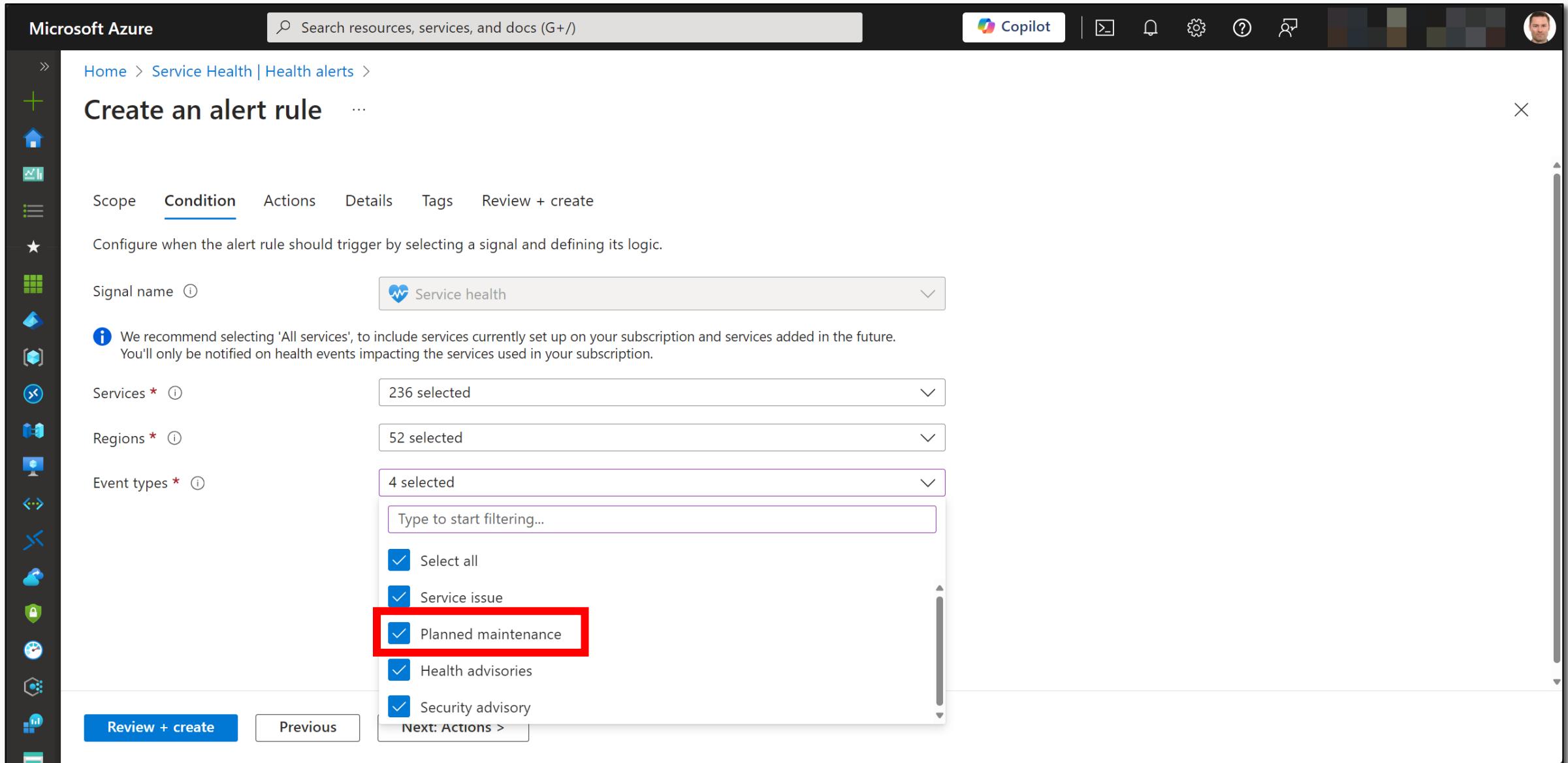
Regions * 52 selected

Event types * 4 selected

Type to start filtering...

- Select all
- Service issue
- Planned maintenance**
- Health advisories
- Security advisory

Review + create Previous Next: Actions >





The Azure way

Azure Automation Update Management

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Home > aa-hub-myh-01

aa-hub-myh-01 | Update management

Automation Account

Log Analytics – Azure Automation

Non-compliant machines: 4 out of 4

Critical and security	Other	Not assessed
4	0	0

Missing updates (5)

Critical	Security	Others
0	2	3

Failed update deployments: 0 out of 0 in the past thirty days

Machines (4) Missing updates (5) Deployment schedules History

Filter by name Compliance: All Platform: All Operating System: All

Machine Name	Compliance	Update agent readiness	Platform	Operating system	Critical missing updates
swpdc004 Azure: RG-HUB-MYH-DC-01/swpdc004	Non-compliant as of 5/30/2024, 1:14 PM	Ready (view) as of 5/30/2024, 1:12 PM	Azure	Windows	0
swpaadc018 Azure: rg-hub-myh-aadc-01/swpaadc018	Non-compliant as of 5/30/2024, 1:25 PM	Ready (view) as of 5/30/2024, 1:01 PM	Azure	Windows	0
swpaadc019 Azure: rg-hub-myh-aadc-01/swpaadc019	Non-compliant as of 5/30/2024, 12:59 PM	Ready (view) as of 5/30/2024, 1:00 PM	Azure	Windows	0
swpdc003 Azure: RG-HUB-MYH-DC-01/swpdc003	Non-compliant as of 5/30/2024, 12:59 PM	Ready (view) as of 5/30/2024, 1:11 PM	Azure	Windows	0

Showing 1 - 4 of 4 results.



v1 limited capabilities

- Basic scheduling
- Manage different groups: Azure VMs and non-Azure VMs
- No on-demand capabilities
- No granular RBAC (Log Analytics or Azure Automation Account)
- Dependent on Log Analytics agent -> officially deprecated on August 31, 2024

Azure Update Manager (v2)

Microsoft Azure Search resources, services, and docs (G+/-) Copilot |     

Home > Azure Update Manager Microsoft

Search Refresh Check for updates One-time update Schedule updates Settings Feedback

Overview Get started

Manage Machines Updates History

Manage Azure Stack HCI Azure Stack HCI History

Monitoring Update reports New alert rule (Preview)

Support + troubleshooting New Support Request

On 31 August 2024, both Automation Update Management and the Log Analytics agent it uses will be retired. Migrate to Azure Update Manager before that. Refer to guidance on migrating to Azure Update Manager [here](#). [Migrate Now.](#)

Subscription : 5 selected Resource group : All Resource type : All Workloads : All Location : West Europe OS : All Tags : All

Total machines 25 Azure virtual machines 15 Arc enabled machines 10

Update status of machines Update classifications : All

Status	Count
Pending updates	20
Pending reboot	0
Unsupported	0
No pending updates	5
No updates data	0

Patch orchestration configuration of Azure virtual machines

Configuration	Count
Customer Managed Schedules	12
Azure Managed - Safe Deployment	2
Manual updates	1
Image default	0
Windows automatic updates	0
Not available	0

Update installation status Last 30 Days

Total installation runs	Failed	Completed with warnings	Installation runs by operation type
64	40	0	Customer Managed Schedules 16
			Azure Managed - Safe Deployment 0

Supports

- **Windows 2008 R2 and newer Windows Server OSes (x64)**
- **Red Hat, Ubuntu Pro, CentOS (reaching End of Service status) and other Linux OSes**
- **Azure images in Azure Compute Gallery**
- **Azure VMs**
- **Azure Arc-enabled servers outside Azure**

Does not support → **x86 Windows Server OSes, Windows clients (Windows 10, 11),
AVD session hosts, driver updates, Azure Kubernetes Service nodes, Virtual Machine
Scale Sets**

VM Agent

The screenshot shows a Windows Task Manager window with the 'Processes' tab selected. The window displays a list of running processes, each with its name, status, CPU usage, and memory usage. One specific process, 'WindowsAzureGuestAgent', is highlighted with a red box. A tooltip for this process states: 'This process is managed by the VM Agent'. The Task Manager interface includes a sidebar with icons for 'Recycle Bin' and 'Microsoft Edge', and a system tray at the bottom.

Name	Status	CPU	Memory
Runtime Broker	0%	1.8 MB	
Search	0%	0 MB	
Spooler SubSystem App	0%	6.1 MB	
Start	0%	10.4 MB	
Usermode Font Driver Host	0%	1.2 MB	
Windows Defender SmartScreen	0%	5.1 MB	
Windows Driver Foundation - U...	0%	2.4 MB	
Windows Input Experience	0%	7.2 MB	
Windows Security Health Service	0%	1.7 MB	
WindowsAzureGuestAgent	0%	38.9 MB	
WMI Provider Host	0%	1.3 MB	
Windows processes (81)			
Client Server Runtime Process	0%	1.2 MB	
Client Server Runtime Process	0%	1.4 MB	

Windows Azure Guest Agent

Type here to search

2:54 PM
6/2/2024

Azure Policy

Microsoft Azure Search resources, services, and docs (G+/-) Copilot 3 ? User icon

Home > Policy | Assignments > pol-ini-myh-aum-settings >

pol-ini-myh-aum-settings

Initiative Definition

Assign initiative Edit definition Duplicate definition Delete initiative

Essentials

Name	: pol-ini-myh-aum-settings	Definition location	:
Description	: Policy initiative to define Azure Update Manager settings	Definition ID	: /providers/microsoft.management/managementgroups/98b41b5e...
Category	: Azure Update Manager	Type	: Custom
Version	: --		

Policies (2) Groups (0) Parameters (0) JSON Assignments (1)

Filter by reference ID, policy name or ID... Type : All selected Evaluation type : All selected

Policy ↑	Reference ID ↑	Type ↑
Configure periodic checking for missing system updates on azure virtual machines	Configure periodic checking for missing system updates on azure virtual machines_1	BuiltIn
Configure periodic checking for missing system updates on azure Arc-enabled servers	Configure periodic checking for missing system updates on azure Arc-enabled servers_1	BuiltIn

Create Azure Policy Initiative

Periodic assessment

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Home > Azure Update Manager

Azure Update Manager | Machines

Total machines: 25

No updates data: 1

No pending updates: 4

Pending updates: 20

Pending reboot: 1

Unsupported: 0

Showing 25 of 25 records

Name	Update status	ESU Status	Operating system	Resource type	Patch orchestration	Periodic assessment	Associated
slpweb042	67 pending updates	N/A	Linux	Arc-enabled server	N/A	Yes	2 (n)
swdweb044	No pending updates	Enabled	Windows	Arc-enabled server	N/A	Yes	2 (n)
swpaadc018	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	-
swpaadc019	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	-
swpapp060	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	2 (n)
swpapp061	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	2 (n)
swpdcc001	6 pending updates	N/A	Windows	Arc-enabled server	N/A	Yes	2 (n)
swpdcc002	2 pending updates	N/A	Windows	Arc-enabled server	N/A	Yes	2 (n)
swpdcc003	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	-
swpdcc004	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	-

No grouping

Periodic assessment: Yes

Maintenance Configurations

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Home > Maintenance Configurations

+ Create Manage view Refresh Export to CSV Open query Assign tags

Filter for any field... Subscription equals all Resource group equals all Location equals all Add filter

Showing 1 to 3 of 3 records.

Name ↑	Maintenance scope ↑	Resource group ↑	Location ↑	Subscription ↑
<input type="checkbox"/> mc-a-3th-thu-0800-pm-rir	Guest (Azure VM, Arc-enabled VMs/servers)	rg-hub-myh-management-01	West Europe	sub-hub-myh-management-01
<input type="checkbox"/> mc-a-4th-thu-0800-pm-rir	Guest (Azure VM, Arc-enabled VMs/servers)	rg-hub-myh-management-01	West Europe	sub-hub-myh-management-01
<input type="checkbox"/> mc-a-daily-defender	Guest (Azure VM, Arc-enabled VMs/servers)	rg-hub-myh-management-01	West Europe	sub-hub-myh-management-01

No grouping List view

< Previous Page 1 of 1 Next >

Give feedback

Dynamic Scope

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Copilot Notifications Help User profile

Home > Maintenance Configurations > mc-a-3th-thu-0800-pm-rir

mc-a-3th-thu-0800-pm-rir | Dynamic scopes

Maintenance Configuration

Add a dynamic scope Remove dynamic scope Refresh Give feedback

Manage dynamic scopes assigned to this maintenance configuration. You can assign new dynamic scopes, see the status of all dynamic scopes currently assigned to the configuration, and by selecting dynamic scopes below either apply pending maintenance or remove them from this configuration.

Subscription	Resource group	Resource type	Location	OS type	Tags
sub-prd-myh-corp-01	rg-prd-myh-app-0...	Virtual machine	West Europe	Linux, Windows	(All) Updates:mc-a-3th-thu-0800-pm-rir
sub-prd-myh-arc-infra-01	rg-prd-myh-arc-sc...	Server - Azure Arc	West Europe	Linux, Windows	(All) Updates:mc-a-3th-thu-0800-pm-rir

Patch orchestration

Microsoft Azure Search resources, services, and docs (G+) Copilot | Home > Azure Update Manager ... User icon

Azure Update Manager | Machines

Microsoft

Edit columns Refresh Check for updates One-time update Schedule updates Settings Maintenance configurations Open query Export to CSV Feedback

Showing 25 of 25 records No grouping

Name	Update status	ESU Status	Operating system	Resource type	Patch orchestration	Periodic assessment	Associated schedules
swpweb047	1 pending update	N/A	Windows	Azure virtual machine	Azure Managed - Safe Deployment	Yes	-
swpweb048	1 pending update	N/A	Windows	Azure virtual machine	Azure Managed - Safe Deployment	Yes	-
swpapp060	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	2 (mc-a-4th-thu-0800-pm-rir,mc-a-daily-defender)
swpapp061	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	2 (mc-a-4th-thu-0800-pm-rir,mc-a-daily-defender)
swpaadc018	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	-
swpaadc019	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	-
swpdc003	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	-
swpdc004	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	-
swpmgmt025	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	-
swpmgmt026	2 pending updates	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	-
swpsql033	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	2 (mc-a-4th-thu-0800-pm-rir,mc-a-daily-defender)
swpsql034	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	2 (mc-a-4th-thu-0800-pm-rir,mc-a-daily-defender)
swpweb041	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	2 (mc-a-4th-thu-0800-pm-rir,mc-a-daily-defender)
swpweb042	1 pending update	N/A	Windows	Azure virtual machine	Customer Managed Schedules	Yes	2 (mc-a-4th-thu-0800-pm-rir,mc-a-daily-defender)
swpjmp027	No updates data	N/A	Windows	Azure virtual machine	Manual	Yes	-
swdweb044	No pending updates	Enabled	Windows	Arc-enabled server	N/A	Yes	1 (mc-a-3th-thu-0800-pm-rir)
swpwac023	3 pending updates	N/A	Windows	Arc-enabled server	N/A	Yes	1 (mc-a-4th-thu-0800-pm-rir)

Azure VMs – Customer Managed Schedules

And what about on-premises?

Azure Arc-enabled machine



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Home > Azure Arc

Azure Arc | Machines

Microsoft

Search Add/Create Manage view Refresh Export to CSV Open query Assign tags

Filter for any field... Subscription equals all Resource group equals all Location equals all Add filter

Showing 1 to 10 of 10 records.

<input type="checkbox"/>	Name ↑↓	Resource group ↑↓	Subscription ↑↓	Arc agent stat... ↑↓	Operating system ↑↓	Type ↑↓
<input type="checkbox"/>	slpweb042	rg-prd-myh-arc-srv-01	sub-prd-myh-arc-infra-01	Connected	Ubuntu 22.04.3 LTS	Machine - Azure Arc
<input type="checkbox"/>	swdweb044	rg-prd-myh-arc-srv-01	sub-hub-myh-management-01	Connected	Windows Server 2012 R2 Standard	Machine - Azure Arc
<input type="checkbox"/>	swpdc001	rg-prd-myh-arc-srv-01	sub-prd-myh-arc-infra-01	Connected	Windows Server 2022 Standard	Machine - Azure Arc
<input type="checkbox"/>	swpdc002	rg-prd-myh-arc-srv-01	sub-prd-myh-arc-infra-01	Connected	Windows Server 2022 Standard	Machine - Azure Arc
<input type="checkbox"/>	SWPSQL031	rg-prd-myh-arc-sql-01	sub-prd-myh-arc-infra-01	Connected	Windows Server 2022 Standard	Machine - Azure Arc
<input type="checkbox"/>	swpwac023	rg-prd-myh-arc-srv-01	sub-hub-myh-management-01	Connected	Windows Server 2022 Standard	Machine - Azure Arc
<input type="checkbox"/>	swpweb043	rg-prd-myh-arc-scvmm-01	sub-prd-myh-arc-infra-01	Connected	Windows Server 2012 R2 Standard	Machine - Azure Arc (SCVMM)
<input type="checkbox"/>	swpweb044	rg-prd-myh-arc-srv-01	sub-hub-myh-management-01	Connected	Windows Server 2012 R2 Standard	Machine - Azure Arc
<input type="checkbox"/>	swpwsus022	rg-prd-myh-arc-scvmm-01	sub-prd-myh-arc-infra-01	Connected	Windows Server 2022 Standard	Machine - Azure Arc (SCVMM)
<input type="checkbox"/>	swtwin080	rg-prd-myh-arc-srv-01	sub-prd-myh-arc-infra-01	Connected	Windows Server 2025 Datacenter	Machine - Azure Arc

< Previous Page 1 of 1 Next >

Give feedback

Azcmagent + extensions

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Home > Azure Arc | Machines > slpweb045

slpweb045 | Extensions

Machine - Azure Arc

Search Overview Activity log Access control (IAM) Tags Diagnose and solve problems Resource visualizer Settings Connect Security Extensions Properties Locks Operations Policies Machine Configuration

What extensions can I use to secure my machine? What extensions can I enable on this machine?

+ Add Refresh Update Enable automatic upgrade Disable automatic upgrade Uninstall

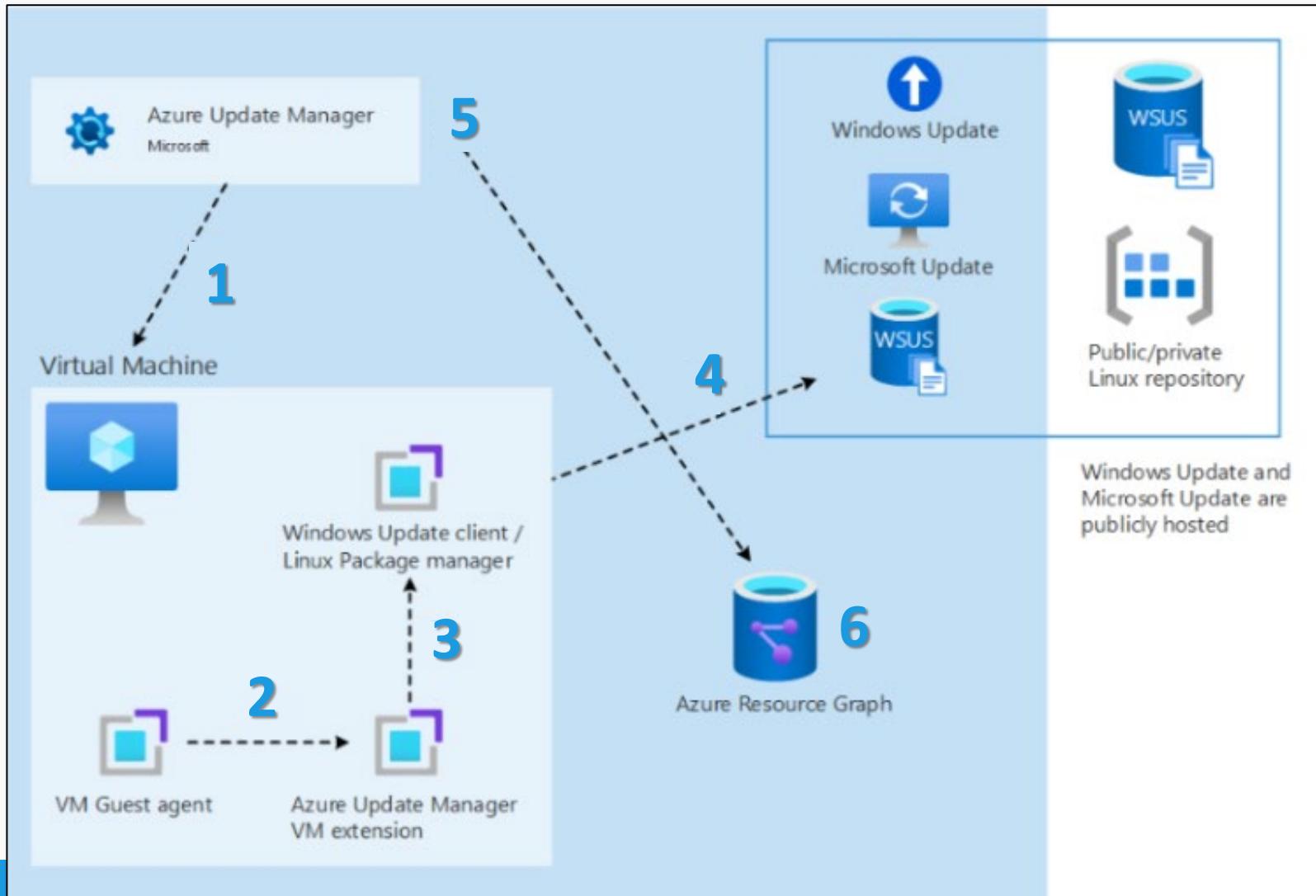
Search to filter items...

Name	Type	Version	Update available	Status	Automatic upgrade
MDE.Linux	MDE.Linux	1.0.5.0	No	Succeeded	Not supported
AzureMonitorLinuxAgent	AzureMonitorLinuxAgent	1.34.5	No	Succeeded	Enabled
LinuxPatchExtension	LinuxPatchExtension	1.6.58	No	Succeeded	Enabled
LinuxOsUpdateExtension	LinuxOsUpdateExtension	1.0.50.0	No	Succeeded	Enabled

▪ LinuxPatchExtension – Periodic assessment
▪ LinuxOsUpdateExtension – On-demand operations and Schedule patching

Add or remove favorites by pressing **Ctrl+Shift+F**

How Update Manager works



Pricing



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Home > swtws2025

swtws2025 | Windows Server

Machine - Azure Arc

Machine Configuration

- Run command (preview)
- SQL Server Configuration
- Updates
- Inventory
- Change tracking

Licenses

- Windows Server
- Windows management
- Remote Support (preview)
- Windows Admin Center (preview)
- Azure Site Recovery configuration (preview)
- Best Practices Assessment (preview)

License details

License type	Automatic VM activation
License status	<input checked="" type="checkbox"/> Licensed
Arc agent status	Connected

Azure benefits

If your machine license is covered by active Software Assurance, you can access key management services at no additional cost. [Learn more ↗](#)

By checking this box, you attest that your Windows Server licenses have active Software Assurance or your Windows Server licenses are active subscription licenses.

Pay-as-you-go

Pay for your Windows Server license monthly on your Azure subscription. You can cancel at any time. Windows Server Pay-as-you-go includes the same Azure Benefits that can be activated by Windows Server Software Assurance customers. [Learn more ↗](#)

I want to license Windows Server operating system on this machine using Pay-as-you-go.

Cannot activate Pay-as-you-go because machine must be unlicensed to be eligible.

Confirm Cancel

Add or remove favorites by pressing **Ctrl+Shift+F**

Update azcmagent

Microsoft Azure Search resources, services, and docs (G+/-) Copilot | ☰ 🔍 ⚙️ ⓘ 🔍

Home > Advisor | Reliability > Upgrade the Azure Connected Machine agent ⚡ ⋮

Feedback Download as CSV Download as PDF Postpone Dismiss Create alert

Recommendation details

The Azure Connected Machine agent is updated regularly with bug fixes, stability enhancements, and new functionality. Upgrade your agent to the latest version for the best Azure Arc experience. [Learn more](#)

Impacted resources

5 selected subscriptions ▾ No grouping ▾

Active (3) Postponed & Dismissed

Postpone Dismiss

<input type="checkbox"/> Select	Machine - azure arc	Recommended actions	Subscription	Installed version	Recommended version	Last updated	Action
<input type="checkbox"/>	SWPSQL031	Upgrade agent	sub-prd-myh-arc-infra-01	1.34	1.40	29/5/2024, 22:47	Postpone Dismiss
<input type="checkbox"/>	slpweb042	Upgrade agent	sub-prd-myh-arc-infra-01	1.34	1.40	29/5/2024, 22:49	Postpone Dismiss

Is this recommendation helpful?

Automatically update agent

The screenshot shows the Windows Group Policy Management interface. On the left, the navigation pane displays a tree structure of Group Policies under 'Forest: corp.myhjourney.com'. A red box highlights the 'Windows-Update' node under the 'Servers' category. The main pane shows the 'Windows-Update' policy details. A yellow box highlights the title 'Domain: GPO, WSUS or ConfigMgr'. The 'Policies' section lists 'Configure Automatic Updates' with its setting set to 'Enabled'. A red box highlights the 'Install updates for other Microsoft products' option, which is also set to 'Enabled'. The status bar at the bottom indicates the date as 23/04/2025 and the time as 20:48.

Group Policy Management

File Action View Window Help

Group Policy Management

Forest: corp.myhjourney.com

Domains

corp.myhjourney.com

Default Domain Policy

corp.myhjourney.com

Client.Devices

Groups

Servers

Windows-Update

PP

Bck

HyperV

Mgmt

Poc

Rds

Sql

SysCtr

Web

Service.Accounts

Users

Domain Controllers

Group Policy Objects

WMI Filters

Starter GPOs

Sites

Group Policy Modeling

Group Policy Results

Windows-Update

Scope Details Settings Delegation

Windows-Update

Data collected on: 23/04/2025 20:48:03

General

Details

Links

Security Filtering

Delegation

Computer Configuration (Enabled)

Policies

Administrative Templates

Policy Setting Comment

Configure Automatic Updates Enabled 7 - Auto Download, Notify to install, Notify to Restart

Configure automatic updating:
The following settings are only required and applicable if 4 is selected.
Install during automatic maintenance
Scheduled install day:
Scheduled install time:
If you have selected "4 - Auto download and schedule the install" for your scheduled install day and specified a schedule, you also have the option to limit updating to a weekly, bi-weekly or monthly occurrence, using the options below:
Every week
First week of the month
Second week of the month
Third week of the month
Fourth week of the month

Install updates for other Microsoft products Enabled

User Configuration (Enabled)

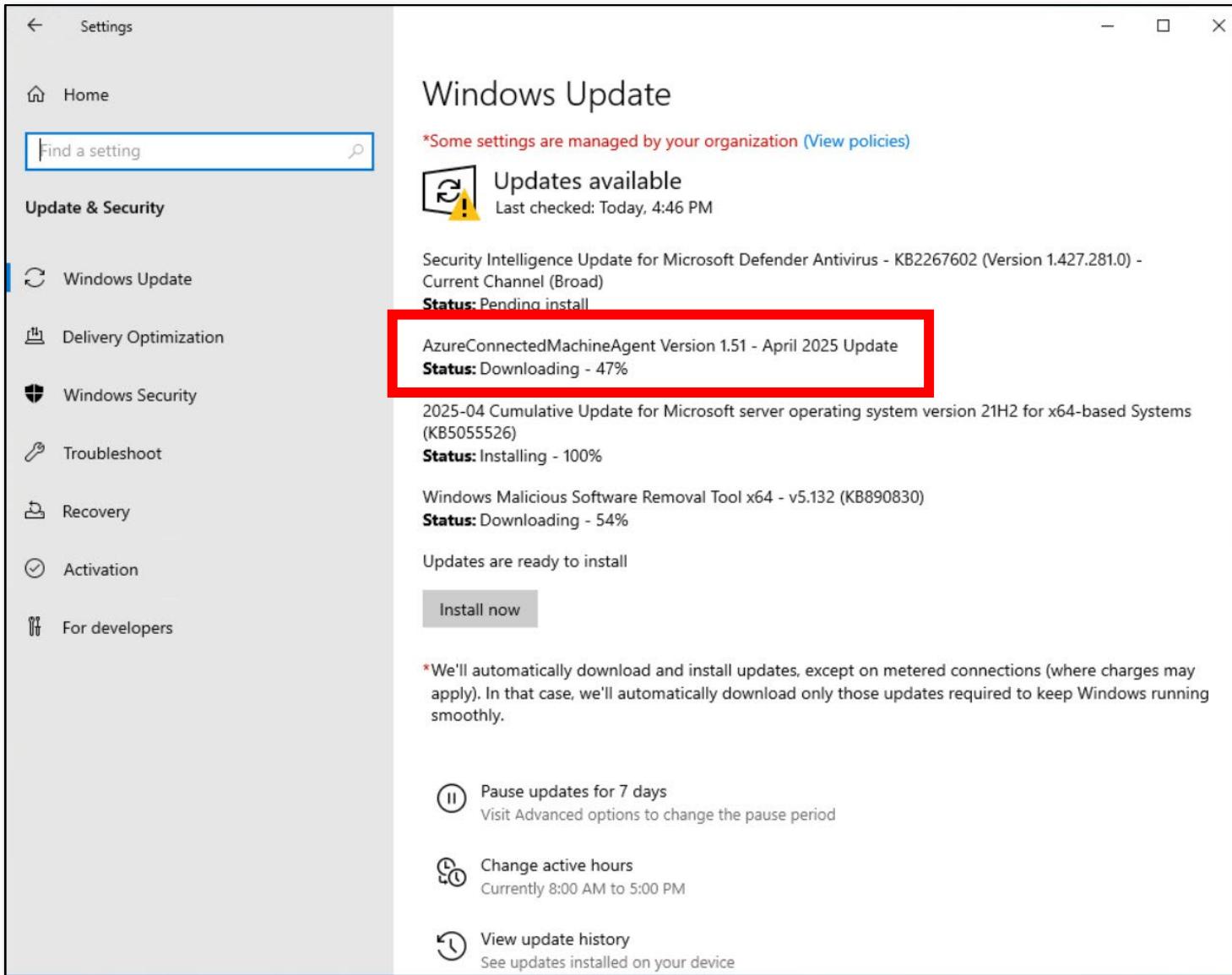
No settings defined.

Search

20:48 23/04/2025 ENG

Domain: GPO, WSUS or ConfigMgr

Automatically update agent



Update Extensions

Microsoft Azure Search resources, services, and docs (G+/-) Copilot Notifications Help User profile

Home > Azure Arc | Machines > swdweb044

swdweb044 | Extensions

Machine - Azure Arc

Add Refresh Enable automatic upgrade Disable automatic upgrade Uninstall

The Log Analytics agents (OMS/MMA) will reach end of support by August 2024. Azure Monitor agent is the recommended replacement. Learn more about migrating to Azure Monitor

Search to filter items...

Name	Type	Version	Update available	Status	Automatic upgrade
<input type="checkbox"/> WindowsOsUpdateExtension	WindowsOsUpdateExtension	1.0.20.0	No	Succeeded	Not supported
<input type="checkbox"/> WindowsPatchExtension	WindowsPatchExtension	1.5.68	No	Succeeded	Enabled

Extensions

- Properties
- Locks
- Operations
- Policies
- Machine Configuration
- Run command (preview)
- SQL Server Configuration

Update Extensions

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Home > Azure Arc | Machines > swdweb044

swdweb044 | Extensions

Machine - Azure Arc

+ Add Refresh ↑ Update ✓ Enable automatic upgrade ⚡ Disable automatic upgrade Uninstall

The Log Analytics agents (OMS/MMA) will reach end of support by August 2024. Azure Monitor agent is the recommended replacement. Learn more about migrating to Azure Monitor →

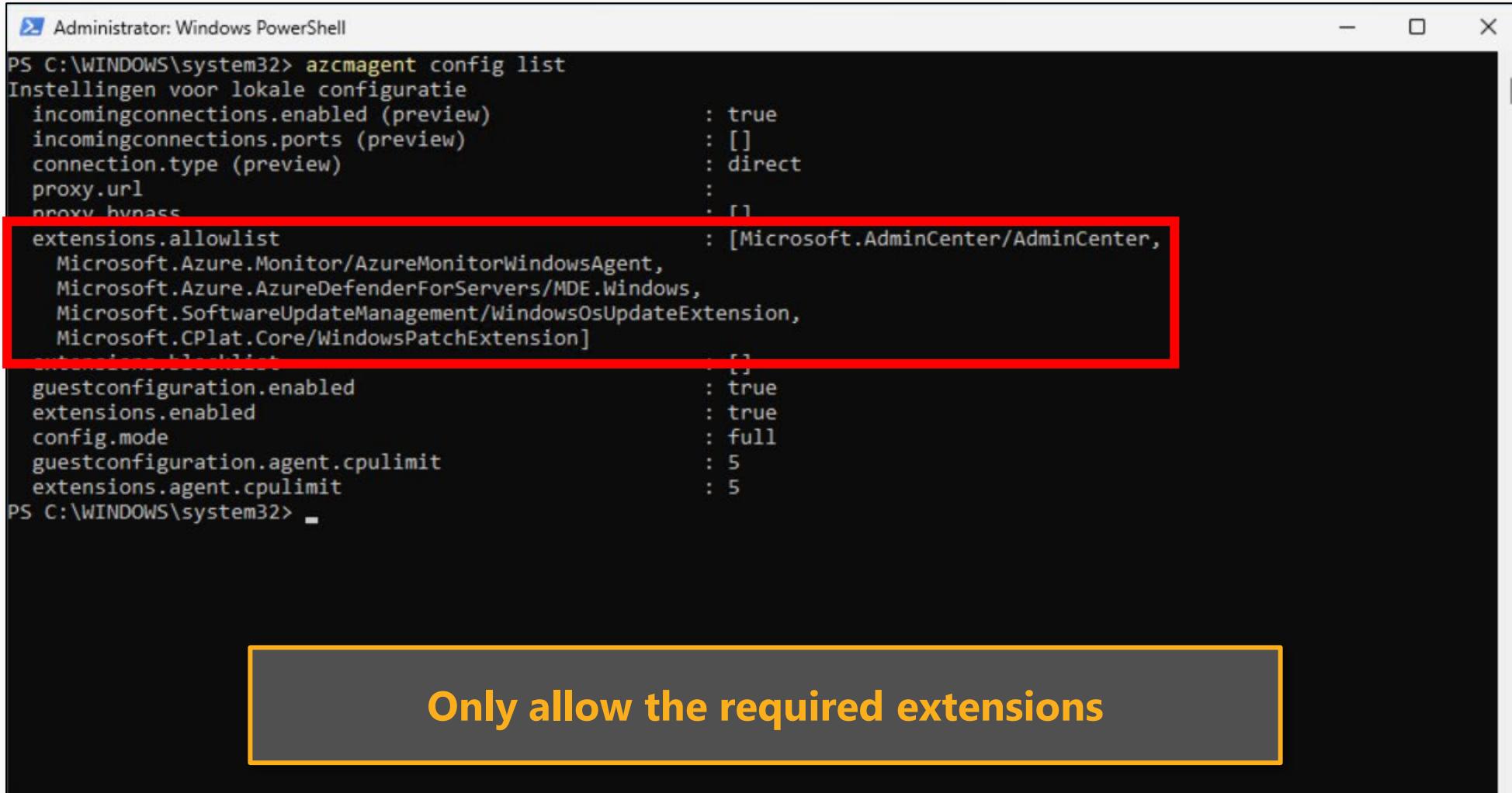
Search to filter items...

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<input type="checkbox"/> WindowsOsUpdateExtension	WindowsOsUpdateExtension	1.0.20.0	No	Succeeded	Not supported
<input type="checkbox"/> WindowsPatchExtension	WindowsPatchExtension	1.5.68	No	Succeeded	Enabled

Extensions

- Properties
- Locks
- Operations
- Policies
- Machine Configuration
- Run command (preview)
- SQL Server Configuration

Customize the extension allowlist



```
Administrator: Windows PowerShell
PS C:\WINDOWS\system32> azcmagent config list
Instellingen voor lokale configuratie
incomingconnections.enabled (preview) : true
incomingconnections.ports (preview) : []
connection.type (preview) : direct
proxy.url :
proxy.bypass :
extensions.allowlist : [Microsoft.AdminCenter/AdminCenter,
Microsoft.Azure.Monitor/AzureMonitorWindowsAgent,
Microsoft.Azure.AzureDefenderForServers/MDE.Windows,
Microsoft.SoftwareUpdateManagement/WindowsOsUpdateExtension,
Microsoft.CPlat.Core/WindowsPatchExtension]
extensions.blocklist : []
guestconfiguration.enabled : true
extensions.enabled : true
config.mode : full
guestconfiguration.agent.cpulimit : 5
extensions.agent.cpulimit : 5
PS C:\WINDOWS\system32>
```

Only allow the required extensions

Are you expecting to see dinosaurs?



End of life Windows Server 2012



Windows Server 2012 R2

Windows Server 2012 R2 follows the [Fixed Lifecycle Policy](#).

This applies to the following editions: Datacenter, Essentials, for Embedded Systems, Foundation, Standard

Important

Microsoft Edge version 109 will be the last version supported on Windows Server 2012 and Windows Server 2012 R2. Microsoft Edge version 109 will receive critical security fixes and fixes for known exploit bugs until October 10, 2023, on these platforms.

Please go [here](#) to learn more.

Support dates are shown in the Pacific Time Zone (PT) - Redmond, WA, USA.

Support Dates

Listing	Start Date	Mainstream End Date	Extended End Date
Windows Server 2012 R2	Nov 25, 2013	Oct 9, 2018	Oct 10, 2023

Extended Security Updates



Microsoft Azure

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Home > Azure Arc

Azure Arc | Extended Security Updates

Licenses Eligible resources

+ Create Manage view Refresh Export to CSV Open query Assign tags

Filter for any field... Subscription equals all Resource group equals all Location equals all Add filter

Showing 1 to 5 of 5 records.

<input type="checkbox"/> Name ↑↓	SKU ↑↓	Total cores ↑↓	Core type ↑↓	Status ↑↓	Linked resources ↑↓	Resource group ↑↓
<input type="checkbox"/> esu-pcore-dc-license-01	Datacenter	16	Physical core	Deactivated	0	rg-prd-myh-arc-esu-01
<input type="checkbox"/> esu-vcore-st-license-01	Standard	8	Virtual core	Deactivated	0	rg-prd-myh-arc-esu-01
<input type="checkbox"/> esu-vcore-st-license-02	Standard	8	Virtual core	Activated	1	rg-prd-myh-arc-esu-01
<input type="checkbox"/> esu-vcore-st-license-03	Standard	8	Virtual core	Activated	2	rg-prd-myh-arc-esu-01
<input type="checkbox"/> esu-vcore-st-license-04	Standard	8	Virtual core	Deactivated	0	rg-prd-myh-arc-esu-01

ESU end date: October 13, 2026

< Previous Page 1 of 1 Next >

Give feedback

We would love to hear your feedback!

Session feedback
available in home feed
of the app after the session



Thank You!

