

One Identity Active Roles 8.0 LTS

Active Roles on Azure and AWS Release Notes

October 2022

These release notes provide information about the latest One Identity Active Roles release. For the most recent documents and product information, see the [online Active Roles product documentation](#).

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About One Identity Active Roles

Active Roles supports AWS and Azure cloud platforms. You can utilize Active Roles Marketplace images available on Azure or AWS Marketplace using the available organization subscription. The below images contain Active Roles 8.0 LTS preinstalled but not configured with different Active Roles components:

- Active Roles Service on Windows Server 2016
- Active Roles Web on Windows Server 2016
- Active Roles Service and Web on Windows Server 2016
- Active Roles Service on Windows Server 2019
- Active Roles Web on Windows Server 2019
- Active Roles Service and Web on Windows Server 2019

Above mentioned images contain specific components of Active Roles 8.0 LTS according to their respective configurations, such as, Service, Web, or both. For additional Active Roles components, you should modify the Active Roles installation. For more information on modifying Active Roles installation, see the *Active Roles Quick Start Guide*.

⚠ CAUTION: Currently, AWS EC2 instances that are preinstalled with Active Roles are not available on AWS Marketplace. However, with the AWS subscription you can create virtual machines or EC2 instances, install Active Roles, and configure them using the prerequisites and the procedure provided in the Active Roles on Azure and AWS Marketplace User Guide.

For more information on the supported environment configurations, see the *Active Roles on Azure and AWS Marketplace User Guide*.

Supported Platforms

Active Roles is supported on the following platforms.

- Windows Server 2016
- Windows Server 2019

For more information on the configurations and platforms, see [Supported configurations](#).

Supported Active Roles version

The current release of the Azure and AWS Marketplace images support the Active Roles version 8.0 LTS.

System requirements

This section lists the minimum hardware requirements, recommended configurations, configurations that are supported, and configurations that are not supported on Azure and AWS Marketplace.

NOTE: When setting up a virtual environment, carefully consider the configuration aspects such as CPU, memory availability, I/O subsystem, and network infrastructure to ensure the virtual layer has the necessary resources available. Please consult [One Identity's Product Support Policies](#) for more information on environment virtualization.

Hardware requirements

This section briefs about the minimum hardware requirements to ensure optimal performance.

- A server with Microsoft Windows Server 2016, 4 Core vCPUs , and 8GB RAM- Used as a Domain Controller with ADFS services that connects to Azure hosted AD.
- A server with Microsoft Windows Server 2016, 4 Core vCPUs, and 8GB RAM- Used as an Exchange Server
- A server with Microsoft Windows Server 2016, 1 Core vCPUs, and 2GB RAM- Used for Administration activity
- A server with Microsoft Windows Server 2016, 1 Core vCPUs, 2GB RAM- Used for ARS Administrator portal, Self-Service portal, and Help desk portal.
- A server with Microsoft Windows Server 2016 R2, SQL Server 2012 SP4, 1 Core vCPUs, and 2GB RAM- Used as a Database Server.
- A server with Microsoft Windows Server 2016, 8 Core vCPUs, and 16GB RAM- Used for Synchronization services.

NOTE: The minimum hardware requirement specified here is applicable for small environments. For a more detailed information about the recommended configuration on small and medium environment, see *Supported environment configurations* topic in the *Active Roles Azure and AWS Marketplace User Guide*.

Supported configurations

This topic briefs about the supported configurations in Azure and AWS Marketplace images.

Before choosing a type of Azure VM or AWS EC2 instance, see the links available here, that help in selecting the suitable configuration based on the requirement.

- For Azure- <https://azure.microsoft.com/en-us/pricing/details/virtual-machines/windows/>
- For AWS- <https://aws.amazon.com/ec2/instance-types/>

The following examples briefly outline the types of environments supported by Active Roles on Azure and AWS Virtual machine configurations:

- **Small**

- Active Directory environment with 15000 AD accounts.
- Dynamic Groups with 3000 Users.
- Group Families on Department/location attributes.
- 10 Virtual Attributes on the User Objects.
- Managed Units with 10 Virtual Attributes.
- Enable Mailbox provisioning on Exchange server.
- Script Policies for Provisioning Home Folders, set attributes such Description, Manager, property generation policy, de-provisioning policy.
- Quest Authentication Services Add-ON.

- **Medium**

- Active Directory environment with 50000 AD accounts.
- Dynamic Groups with 10000 Users.
- Group Families on Department/location attributes.
- 10 Virtual Attributes on the User Objects.
- Managed Units with 10 Virtual Attributes.
- Enable Mailbox provisioning on Exchange server.
- Script Policies for Provisioning Home Folders, set attributes such Description, Manager, property generation policy, de-provisioning policy.
- Workflows to modify the user objects.
- Quest Authentication Services Add-ON.

IMPORTANT: One Identity recommends to use the Azure-F4s series for environment with 30 to 50 concurrent users for optimal performance. For more information on the supported configurations, see the table below.

⚠ CAUTION:

- **Currently, AWS EC2 instances that are preinstalled with Active Roles are not available on AWS Marketplace. However, with the AWS subscription you can create virtual machines or EC2 instances, install Active Roles, and configure them using the prerequisites and the procedure provided in the Active Roles on Azure and AWS Marketplace User Guide.**
- **The configurations mentioned here have limited support depending on the quantity of Dynamic Groups (DG), Managed Units (MU), policies, scripts, workflows, and other infrastructural considerations. One Identity reserves the right to withhold support until the customer moves the configuration inline with the Supported configurations.**

Legend:

- **W**- Web service
- **S**- Active Roles service
- **WS**- Web service and Active Roles service

Table 1: Fully Supported Platforms for Active Roles Deployments

Environment	VM Configuration	Concurrent Users	Active Roles Components					
			Windows 2016			Windows 2019		
			W	S	WS	W	S	WS
Small	Azure- B4ms (4 vCPU 16GB)	50	No	No	No	No	No	Yes
	Azure-B2ms (2vCPU 8GB)	50	Yes	Yes	Yes	Yes	Yes	No
	Azure-B2s(2vCPU 4GB)	30	Yes	Yes	Yes	Yes	Yes	No
	Azure-B2s(2vCPU 4GB)	10	No	No	No	No	No	
	AWS-t2.large (2vCPU 8GB)	50	No	Yes	Yes	Yes	Yes	No
	AWS-t2.xlarge (4vCPU 16GB)	50	Yes	No	No	No	No	Yes
	AWS-t2.medium (2vCPU 4GB)	50	Yes	Yes	Yes	Yes	Yes	Yes
Medium	Azure-B2s (2vCPU 4GB)	10	Yes	Yes	Yes	Yes	Yes	Yes
	Azure-B2 series	30	Yes	Yes	Yes	Yes	Yes	No
	Azure-F4s series	30	Yes	Yes	Yes	Yes	Yes	Yes
	Azure-F4s series	50	Yes	Yes	Yes	Yes	Yes	Yes
	AWS- t2.xlarge (4vCPU 16GB)	50	Yes	Yes	Yes	Yes	Yes	Yes
	AWS-t3a.medium (2vCPU 4GB)	10	Yes	Yes	Yes	Yes	Yes	Yes

Supported environment configurations

Active Roles support the following environment configurations.

- **Cloud only**- All required resources for Active Roles to function exist on the same cloud platform.
- **Cross-cloud**- Some of the resources for Active Roles to function can be on another cloud platform. For example, AWS with Azure.
| **NOTE:** Currently, Active Roles support AWS with Azure or Azure with AWS cloud platforms.
- **Hybrid on-premises**- Some of the resources for Active Roles to function can be on cloud and on the on-premises environment.

⚠ CAUTION:

- **One Identity does not support or assist in configuring or troubleshooting network connectivity or performance issues related to network.**
- **Currently, AWS EC2 instances that are preinstalled with Active Roles are not available on AWS Marketplace. However, with the AWS subscription you can create virtual machines or EC2 instances, install Active Roles, and configure them using the prerequisites and the procedure provided in the document.**

For more information on the supported environment configurations, see the *Active Roles on Azure and AWS Marketplace User Guide*.

Product licensing

Use of this software is governed by the Software Transaction Agreement found at www.oneidentity.com/legal/sta.aspx. This software does not require an activation or license key to operate.

Additional resources

Join the Active Roles community at <https://www.oneidentity.com/community/active-roles> to get the latest product information, find helpful resources, test the product betas, and participate in discussions with the Active Roles team and other community members.

To install the relevant hotfix along with the Active Roles Marketplace image, see the **Software Downloads** section on the [One Identity support site](#).

For the most recent documents and product information, see <https://support.oneidentity.com/active-roles/>.

Globalization

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release is Unicode-enabled and supports any character set. It supports simultaneous operation with multilingual data. This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe, Far-East Asia, Japan.

About us

One Identity solutions eliminate the complexities and time-consuming processes often required to govern identities, manage privileged accounts and control access. Our solutions enhance business agility while addressing your IAM challenges with on-premises, cloud and hybrid environments.

Contacting us

For sales and other inquiries, such as licensing, support, and renewals, visit <https://www.oneidentity.com/company/contact-us.aspx>.

Technical support resources

Technical support is available to One Identity customers with a valid maintenance contract and customers who have trial versions. You can access the Support Portal at <https://support.oneidentity.com/>.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to videos at www.YouTube.com/OneIdentity
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product

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Legend

-  **WARNING:** A WARNING icon highlights a potential risk of bodily injury or property damage, for which industry-standard safety precautions are advised. This icon is often associated with electrical hazards related to hardware.
-  **CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.