

AD Bridge 2.0 System Requirements

December 2019

AD Bridge 2.0 includes new features that will enable you to bridge Linux distributions with Windows Active Directory (AD) to manage Linux clients from an AD domain using Group Policy objects.

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Micro Focus recommends the fully tested and certified platforms described in this page. However, customers running on other platforms or with untested configurations will be supported until the point Micro Focus determines that the root cause is the uncertified platform or configuration. Issues that can be reproduced on the certified platforms will be prioritized and fixed according to standard defect handling policies. For more information about support policies, see [Support Policies](#).

The documentation for this product is available in HTML and PDF formats on a page that does not require you to log in. If you have suggestions for documentation improvements, click [comment on this topic](#) at the bottom of any page in the HTML version of the documentation posted at the [AD Bridge Documentation](#) page.

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System Requirements

The following sections provide the AD Bridge requirements for hardware and software:

- ♦ [“Software Requirements” on page 1](#)
- ♦ [“Hardware Requirements” on page 4](#)
- ♦ [“Application Integrations” on page 4](#)

Software Requirements

The following sections provide the AD Bridge 2.0 software requirements:

Operating Systems

Component	Operating Systems
Linux Distributions	<ul style="list-style-type: none">◆ RHEL 8 (Red Hat Enterprise Linux)◆ RHEL 7◆ SLES 15 (SUSE Linux Enterprise Server)◆ SLES 12◆ CentOS 8◆ CentOS 7◆ Ubuntu 16◆ Ubuntu 18◆ Oracle 8◆ Oracle 7
Microsoft Windows Server	<ul style="list-style-type: none">◆ Windows Server 2019 64-bit◆ Windows Server 2016 64-bit◆ Windows Server 2012 R2 64-bit◆ Windows Server 2012 64-bit

Other Linux Requirements

Applicable packages per the Linux distributions provided here are required if they cannot automatically download and update due to enterprise constraints during the AD Bridge Linux Agent installation.

Linux Distribution	Required Linux Packages
All distributions	.NetCore system update to install .NetCore 2.2 and its prerequisites. For more information, see Linux distribution dependencies .

Linux Distribution	Base Packages (AD or Cloud)
RHEL 7	scl-utils rh-dotnet22
RHEL 8	dotnet-runtime-2.1 nss
Oracle 7	dotnet-sdk-2.2
Oracle 8	dotnet-runtime-2.1
CentOS 7	libicu libunwind dotnet-runtime-2.2
CentOS 8	dotnet-runtime-2.1

Linux Distribution	Base Packages (AD or Cloud)
SLES 12	dotnet-runtime-2.2
SLES 15	dotnet-runtime-2.2 mozilla-nss
Ubuntu 16.04	apt-transport-https dotnet-sdk-2.1 libnss3 libcurl3-nss curl libcurl3
Ubuntu 18.04	apt-transport-https dotnet-sdk-2.1 libcurl3-nss libnsspem

Linux Distribution	Additional Packages (AD)
RHEL, Oracle, CentOS	realmd oddjob oddjob-mkhomedir sssd adcli openldap-clients samba-common samba-common-tools samba-client krb5-workstation cifs-utils policycoreutils-python cyrus-sasl-gssapi
SLES	realmd adcli sssd sssd-tools sssd-ad samba-client krb5-client openldap2-client

Linux Distribution	Additional Packages (AD)
Ubuntu	realm sssd sssd-tools libnss-sss libpam-sss adcli samba-common-bin oddjob oddjob-mkhomedir packagekit smbclient cifs-utils keyutils krb5-user

Additional Microsoft Software Requirements

Component	Operating Systems
Active Directory	<ul style="list-style-type: none"> ◆ Windows Server 2019 64-bit ◆ Windows Server 2016 ◆ Windows Server 2012 R2 ◆ Windows Server 2012

Hardware Requirements

This section provides sizing information for our base resource recommendation. Your results may vary based on the hardware available, the specific environment, the specific type of data processed, and other factors. It is likely that larger, more powerful hardware configurations exist that can handle a greater load. If you have questions, please consult with Consulting Services.

Executed in an environment with approximately one million Active Directory objects:

Component	CPU	Memory	Storage
Microsoft Windows Server	4 CPU (x64)/cores 2.0 GHz	16 GB	100 GB
Linux Agent		256 MB	350 MB

Application Integrations

Component	Integrated Systems
Linux Agent	Linux Distributions
GPEdit Extension (snap-in)	Windows Server, Group Policy Management Console (GPMC)
Browsers	Chrome, Firefox and Internet Explorer

For server versions, see [Software Requirements](#).

Supported AD Bridge Agent Operating Systems

Agent Type	Operating System
Linux	Linux Distributions
AIX	<ul style="list-style-type: none">◆ 7.2 TL3 and later◆ 7.1 TL5
HP UX	11i V3 (11.31)
Windows Server	<ul style="list-style-type: none">◆ Windows Server 2012 R2◆ Windows Server 2016◆ Windows Server 2019
MAC OS	10.14 Mojave and later

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