

Operating system type	SSM Agent installation
<b>On-premises servers and VMs</b>	<p>SSM Agent must be installed manually on on-premises servers and virtual machines (VMs) you want to use in a hybrid environment. The SSM Agent download and installation process for these machines is different than the process used for EC2 instances. For more information, see the following topics:</p> <ul style="list-style-type: none"> <li>• <a href="#">Install SSM Agent for a hybrid environment (Windows) (p. 51)</a></li> <li>• <a href="#">Install SSM Agent for a hybrid environment (Linux) (p. 52)</a></li> </ul>

## Supported operating systems

Your EC2 instances, on-premises servers, and virtual machines (VMs) must be running one of the following operating systems in order to be used with AWS Systems Manager.

### Operating System Types

- [Windows Server \(p. 11\)](#)
- [Linux \(p. 11\)](#)
- [Raspbian \(p. 13\)](#)

## Windows Server

Version	Intel 32-bit (x86)	Intel 64-bit (x86_64)	ARM 64-bit (arm64)
2008	✓	✓	
2008 R2		✓	
2012 and 2012 R2		✓	
2016		✓	
2019		✓	

## Linux

### Amazon Linux

Versions	Intel 32-bit (x86)	Intel 64-bit (x86_64)	ARM 64-bit (arm64)
2012.03 – 2018.03	✓	✓	

### Note

Beginning with version 2015.03, Amazon Linux is released in Intel 64-bit (x86\_64) versions only.

## Amazon Linux 2

Versions	Intel 32-bit (x86)	Intel 64-bit (x86_64)	ARM 64-bit (arm64)
2.0 and all later versions		✓	✓

## Ubuntu Server

Versions	Intel 32-bit (x86)	Intel 64-bit (x86_64)	ARM 64-bit (arm64)
12.04 LTS and 14.04 LTS	✓	✓	
16.04 LTS and 18.04 LTS		✓	✓

## Debian Server

Versions	Intel 32-bit (x86)	Intel 64-bit (x86_64)	ARM 64-bit (arm64)
Jessie (8)		✓	
Stretch (9)		✓	

## Red Hat Enterprise Linux (RHEL)

Versions	Intel 32-bit (x86)	Intel 64-bit (x86_64)	ARM 64-bit (arm64)
6.0		✓	
6.5	✓	✓	
6.9	✓	✓	
7.0		✓	
7.1		✓	
7.2		✓	
7.3		✓	
7.4		✓	
7.5		✓	
7.6		✓	✓
7.7		✓	✓

## Oracle Linux

Versions	Intel 32-bit (x86)	Intel 64-bit (x86_64)	ARM 64-bit (arm64)
7.5		✓	

Versions	Intel 32-bit (x86)	Intel 64-bit (x86_64)	ARM 64-bit (arm64)
7.6		✓	
7.7		✓	

## CentOS

Versions	Intel 32-bit (x86)	Intel 64-bit (x86_64)	ARM 64-bit (arm64)
6.0	✓		
6.3 and later 6.x versions	✓	✓	
7.1 and later 7.x versions		✓	✓

## SUSE Linux Enterprise Server (SLES)

Versions	Intel 32-bit (x86)	Intel 64-bit (x86_64)	ARM 64-bit (arm64)
12 and later 12.x versions		✓	

## Raspbian

Version	ARM 32-bit (arm)
Jessie	✓
Stretch	✓

# Accessing Systems Manager

You can work with Systems Manager in any of the following ways:

### Systems Manager Console

The [AWS Systems Manager console](#) is a browser-based interface to access and use Systems Manager.

### AWS Command Line Tools

The AWS command line tools let you issue commands at your system's command line to perform Systems Manager and other AWS tasks, and is supported on Windows, Linux, and macOS. Using the CLI can be faster and more convenient than using the console. The command line tools also are useful if you want to build scripts that perform AWS tasks.

AWS provides two sets of command line tools: the [AWS Command Line Interface](#) (AWS CLI) and the [AWS Tools for Windows PowerShell](#). For information about installing and using the AWS CLI, see the [AWS Command Line Interface User Guide](#). For information about installing and using the Tools for Windows PowerShell, see the [AWS Tools for Windows PowerShell User Guide](#).