



Windows on AWS

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AWS has multiple cloud services and tools to make it easy for you run Windows workloads on AWS.



Windows Servers on EC2

You can select from a number of Windows Server versions including the latest version, Windows Server 2019



SQL Server on RDS You can select from a number of SQL Server database versions



AWS Directory Service lets you run **Microsoft Active Directory (AD) as a managed service**



AWS License Manager makes it easier to manage your software licenses from software vendors such as Microsoft.



Amazon FSx for Windows File Server is a **fully managed scalable storage** built for Windows.



AWS Software Development Kit (SDK) allows you to write code in your favorite language to interact with AWS API. The SDK supports **.NET** a language favorite for Windows Developers



Amazon WorkSpaces allows you to run a virtual desktop. You can launch a **Windows 10 desktop** to provide secure and durable workstation that is accessible from wherever you have an internet connection.



AWS Lambdas supports **PowerShell** as a programming language to write your serverless functions!

AWS Migration Acceleration Program (MAP) for Windows is a migration methodology from moving large enterprise. AWS has Amazon Partners that specialize in providing professional services for MAP.




AWS License Manager

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What is Bring-Your-Own-License? (BYOL)

The process of reusing an existing software license to run vendor software on a cloud vendor's computing service. BYOL allows companies to save money since they may have purchased the license in bulk or at a time that provided a greater discount than if purchased again.

eg. **License Mobility** is Microsoft Volume Licensing customers with eligible server applications covered by active Microsoft Software Assurance (SA)

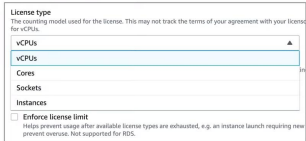


AWS License Manager is a service that makes it easier for you to manage your software licenses from software vendors centrally across AWS and your on-premises environments.

AWS License Manager software that is licensed based on **virtual cores (vCPUs), physical cores, sockets, or number of machines**. This includes a variety of software products from Microsoft, IBM, SAP, Oracle, and other vendors

AWS License Manager works with:

- EC2 – Dedicated Instances, Dedicated Hosts, Spot Instances
- RDS – (Only for Oracle databases)



License type

The counting model used for the license. This may not track the terms of your agreement with your license for vCPUs.

vCPUs

vCPUs

Cores

Sockets

Instances

☐ Enforce license limit

Helps prevent usage after available license types are exhausted, e.g. an instance launch requiring new prevent overuse. Not supported for RDS.

For **Microsoft Windows Server** and **Microsoft SQL Server license** you generally need to use a **Dedicated Host**