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 <mark>Microsoft Active Directory (AD) as a managed service</mark>

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 <mark>fully managed scalable storage</mark> 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 <mark>.NET</mark> a language favorite for Windows Developers

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

AWS Lambdas supports <mark>PowerShell</mark> 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

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 then 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 Licence 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	

Player for CLF-C01 — AWS License Manager

☐ 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**