Cloud Portability
Paths to the Cloud

LICENSE MOBILITY THROUGH SOFTWARE ASSURANCE

Use existing Volume Licensing application server licenses with Software Assurance to license workloads in the cloud – either on a Service Provider's shared hardware, or on Azure.

On the Service Provider's site (or Azure)

Profile
- End Customer wants to outsource ownership of the hardware and the licensing of the infrastructure in an off-site solution
- End Customer has existing application server licenses (such as SQL Server or SharePoint Server) and wants to continue to own and manage these licenses

Solution
- Hardware owned by the Service Provider, shared by End Customers
- Infrastructure licensed by the Service Provider's SPLA agreement
- Applications licensed by the End Customer's Volume Licensing licenses with SA

For End Customers
- Check the Product Terms document to confirm that required products have License Mobility through Software Assurance rights
- Complete and submit the License Verification form to Microsoft

For Service Providers
An Authorized Mobility partner can offer shared hardware solutions to customers if they have signed the Services Provider License Agreement (SPLA) and the License Mobility Addendum.

Find out more
https://www.microsoft.com/en-us/Licensing/licensing-programs/software-assurance-license-mobility.aspx

Fail-Over Rights
Fail-Over Rights are a Software Assurance benefit for certain application server products. Note that the fail-over must be passive and must exist in the same environment as the active server. So, if Volume Licensing licenses are used to license workloads in Azure, the passive fail-over servers must run in Azure too.

AZURE HYBRID USE BENEFIT

Use existing Windows Server Volume Licensing licenses with Software Assurance to license Azure virtual machines.

Microsoft

Profile
- End Customer wants a Microsoft-owned and managed solution for the infrastructure
- End Customer wants to own and manage the software licenses for Windows Server and application servers

Solution
- Hardware owned by Microsoft, shared by End Customers and partners
- Infrastructure base instance licensed through Azure
- Windows Server licensed by the End Customer's Volume Licensing licenses with SA
- Application servers licensed by the End Customer's Volume Licensing licenses with SA

Using the Azure Hybrid Use Benefit
- Assign Windows Server Standard or Datacenter Core licenses with SA to non-Windows virtual machines in Azure
- 16 Core licenses cover up to 16 cores across 2 or fewer virtual machines
- Licenses may be stacked to cover virtual machines with more than 16 cores

Windows Server Standard v Datacenter Licenses
- Standard rights are alternative: Core licenses may be assigned to on-premises virtual machines OR to Azure virtual machines
- Datacenter rights are additive: Core licenses may be assigned to on-premises virtual machines AND to Azure virtual machines

Find out more
https://azure.microsoft.com/en-us/pricing/hybrid-use-benefit/

SELF-HOSTED APPLICATIONS ON SHARED SERVERS

- Unified solutions must add significant and primary functionality to Microsoft products
- Windows Server Volume Licensing licenses are not eligible for Self-Hosting Rights on shared servers

PATHS TO THE CLOUD

Licensing Option	Path to the cloud	Requirements	Use Rights
License Mobility through SA	Use existing VL licenses to license applications in a cloud infrastructure	SA on licenses	Product Terms
Fail-over Rights	Use existing VL licenses to license passive fail-over instances in a cloud infrastructure	SA on licenses used for the active server	Product Terms
Self-Hosted Applications	Use existing VL licenses to deliver customer solutions	Solution built around Microsoft products and SA on licenses	Product Terms
Azure Hybrid Use Benefit	Use existing VL licenses to license Azure virtual machines	SA on Windows Server licenses	Product Terms
RDS User CAL Extended Use Rights	Use existing RDS CALs to access solutions in a cloud infrastructure	SA on RDS User CALs	Product Terms
Shared Computer Activation	Use existing licenses to allow Office 365 users to share hardware through cloud-delivered solutions	License all users and engage with an Authorized SCA Partner	Online Services Terms
SALs for SA	Add SALs for SA to existing CALs to license access to applications in a cloud infrastructure	SA on CALs	Services Provider Use Rights
Visual Studio Standard Subscriptions	Use existing Subscriptions to deploy test and development workloads to Azure	Existing Subscriptions	Product Terms

Microsoft

RDS USER CAL EXTENDED USE RIGHTS

Use existing RDS User CALs with active Software Assurance to license access to solutions in a cloud infrastructure and on-premises.

On the Service Provider's site (or Azure)

Profile
▸ End Customer wants to outsource the ownership of the hardware and the licensing of the infrastructure in an off-site solution – to deliver hosted desktops to his users, for example
▸ End Customer wants to own and manage the software licenses to access the desktops

Solution
▸ Hardware owned by the Service Provider, shared by End Customers
▸ Infrastructure licensed by the Service Provider's SPLA agreement
▸ Access to the solution licensed by the End Customer's Volume Licensing licenses with SA
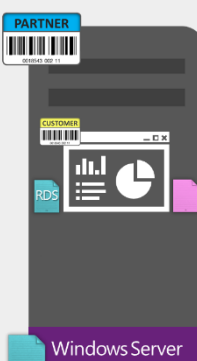
Extended Use Rights
▸ Apply to RDS User CALs with active Software Assurance
▸ End Customers may use their existing RDS CALs to access solutions hosted on a Service Provider's server farm, or on Azure
▸ End Customers may also continue to access on-premises solutions
▸ The License Verification form must be completed and submitted to assign RDS User CALs to a Service Provider's server farm or to Azure

Find out more
https://blogs.msdn.microsoft.com/luispanzano/2013/07/15/remote-desktop-services-are-now-allowed-on-windows-azure/

SHARED COMPUTER ACTIVATION (SCA)

Use existing licenses to enable users licensed for Office 365 ProPlus to use applications on shared hardware delivered from a network server.

On the Service Provider's site (or Azure)

Profile
▸ End Customer wants to outsource ownership of the hardware and the licensing of the infrastructure in an off-site solution to allow his Office 365 ProPlus users to share hardware
▸ End Customer wants to manage software licenses for Office 365 ProPlus

Solution
▸ Hardware owned by the Service Provider, shared by End Customers
▸ Infrastructure licensed through the Service Provider's SPLA agreement
▸ Office 365 ProPlus licensed by the End Customer's Volume Licensing subscription licenses

Notes
▸ Customers who have Office 365 ProPlus delivered from a dedicated server in their Service Provider's server farm can be licensed for Remote Desktop Services either by using existing RDS CALs with SA, or by using RDS SALs reported by their Service Provider
▸ The Office 365 Plans which can take advantage of this benefit are:
   • Office 365 Enterprise E3
   • Office 365 Enterprise E5
   • Office 365 ProPlus
▸ Customers may also choose to use this benefit to access an Office 365 ProPlus solution hosted in Azure

Authorized SCA Partners
▸ Only Authorized SCA Partners are able to offer solutions of this type
▸ They must sign the SPLA and the Services Provider License Agreement Office 365 Shared Computer Activation Qualified Cloud Provider Amendment
▸ They must also become a direct CSP partner, pay an annual administrative fee, and submit monthly reporting

Find out more
https://www.microsoft.com/en-us/CloudandHosting/licensing_sca.aspx

SALs for SA

Add SALs for SA to existing CALs with Software Assurance to license access to applications in a cloud infrastructure.

On the Service Provider's site (or Azure)

Profile
▸ End Customer wants to outsource ownership of the hardware and the licensing of the infrastructure in an off-site solution
▸ End Customer wants a hosted solution, but to use existing CALs with SA to maximize his existing investment

Solution
▸ Hardware owned by the Service Provider, shared by End Customers
▸ Infrastructure licensed by the Service Provider's SPLA agreement
▸ Applications licensed by the End Customer's Volume Licensing licenses with SA, and the Service Provider's SPLA agreement

Notes
▸ Assigned to users or devices licensed with CALs with active Software Assurance to give rights to the SPLA hosted products
▸ Use rights for SALs for SA are identical to their corresponding SALs
▸ Availability
   • Exchange: Standard or Enterprise SALs for SA
   • SharePoint: Standard and Enterprise SALs for SA
   • Skype for Business: Standard, Enterprise or Plus SALs for SA
   • Productivity Suite: Core CAL Suite or Enterprise CAL Suite SALs for SA

VISUAL STUDIO STANDARD SUBSCRIPTIONS
▸ Developers with Visual Studio Standard Subscriptions (formerly known as MSDN Subscriptions) may also use Microsoft software in Azure virtual machines for development and test workloads
▸ Any users licensed with a Visual Studio Standard Subscription may access and use Azure virtual machines created by another licensed developer

Further Microsoft Licensing handouts and exams: GetLicensingReady.com

Microsoft