

AGENDA

- Windows Server
- RDS CALs
- SQL Server
- Tips and tricks for Audits
- Changes to SPLA
- Reporting requirements
- Q&A





- License via physical host
- CAL/SALs are not required
- Core licenses are sold in packs of two
- For Physical Host licensing:
 - A minimum of 8 core licenses is required for each physical processor
 - Standard Edition provides rights for ONE (not two like VL) Operating System Environments when all physical cores in the server are licensed. For each additional VM, all the physical cores in the server must be licensed again
 - DataCenter Edition provides rights for unlimited Operating System Environments or Windows Servers containers with Hyper-V isolation when all physical cores in the server are licensed



Windows Server

As from 1 October 2022:

- Customers can bring their Windows Server Licenses, either subscription or with Software Assurance, to any Authorised Outsourcer
- End customers can license Windows Server virtual machines per virtual core
 - Minimum of 8 core licenses per VM
 - Doesn't apply to SPLA licenses





Remote Desktop Services CALs

- Required for each user or device which accesses the RDS functionality
- Also required for the use of Window Server to host a GUI, whether RDS or another technology (Citrix, VMWare Horizon etc)
- Up to two admin users (as per Server Admin and maintenance in the Product Terms) don't need RDS CALs

SQL Server

- Licenses are for Web (only SPLA), Standard or Enterprise editions
- Can be licensed via per core or per SAL (Std only)
- Per core can be via physical core or virtual OSE
- Licenses are sold in 2 core packs

| | Retail | Volume licensing programs | | | Third party | | |
|--------------------|---------|---------------------------|------|-----|----------------|------|------|
| SQL Server 2019 | FPP/ESD | OPEN | MPSA | CSP | EA/EAS/ SCE | ISVR | SPLA |
| Enterprise Edition | | • | • | • | • | • | • |
| Standard Edition | • | • | • | • | • | • | • |
| Web Edition | | | | | | | • |
| Express Edition | | Free download | | | | | |
| Developer Edition | | Free download | | | | | |

- For per physical core licensing you must license all the physical cores on the server with a minimum of four core licenses per physical processor
- Web and Standard any number of instances on the physical OSE
- Enterprise Any number of instances in the physical or virtual OSEs
- For per individual virtual OSE you license the number of virtual cores in the OSE, with a minimum of four core licenses per virtual OSE
- If any virtual core is at any time mapped to more than one hardware thread, then you need a license for each hardware thread to which it is mapped.



SQL Server

- SAL licensing is only available for SQL Server Standard
- With SAL licensing, you license the users or devices authorised to access the server software, then you are able to use any number of running instances of the server software
- If you are using SAL licensing, you as the service provider will need control over adding users or access to track the number of users for your returns

• NOTE: Effective 1 January there is a 8% price increase on Enterprise and 10% increase on Standard and Web Editions. This coincides with the release of SQL Server 2022.



Tips and tricks

- Document document document
- Important documents:
 - Customer agreements with start dates
 - License Mobility / Flexible Virtualisation benefit documentation
- You are responsible for what's running in your environment
- Small changes aren't a bad thing
- Do a self audit every six months or annually

Changes to SPLA

- Flexible Virtualisation benefit Effective 1 October 2022
 - Customers with Software Assurance or Subscription Licenses may use licensed copies of the software on devices, <u>including shared servers</u>, that are under the day-to-day management and control of Authorized Outsourcers
 - Authorized Outsourcer means any third-party service provider that is not a Listed Provider and is not using a Listed Provider as a Data Center Provider as part of the outsourcing service
 - Listed Providers are AWS, GCP, Azure and Alibaba
 - All Microsoft software available as subscriptions or License and SA is included

| BYOL | Before 10/22 | From 10/22 | | |
|---|--|---|--|--|
| Volume licenses with Software Assurance | Permitted to any provider on dedicated hardware Multi-tenant BYOL is only permitted to providers with the License Mobility Partner status | Permitted to any Authorised Outsourcer. No difference between dedicated and shared hardware. AWS, GCP, Alibaba: License Mobility through SA only. Azure: License Mobility + Azure Hybrid Use Benefit | | |
| BYOL for Office 365 Apps and Windows 11 VDI | Permitted to any provider on dedicated hardware Multi-tenant ("public Cloud") BYOL is only permitted to providers with the QMTH status | Permitted to any Authorised Outsourcer and Azure.No difference between dedicated and shared hardwareAWS, GCP, and Alibaba are excluded | | |
| BYOL for Server subscriptions via CSP | Permitted to Azure via Azure Hybrid Benefit Permitted on dedicated hardware, excluding Listed providers | Permitted to any Authorized Outsourcer No difference between dedicated and shared hardware. Permitted to Azure via Azure Hybrid Benefit. AWS, GCP, and Alibaba are excluded | | |



Future changes

• If you host end-client workloads on AWS, GCP, Azure or Alibaba and report through your own SPLA agreement then you have until 30/9/25 to stop.



Reporting requirements

- SPLA is honour based
- Reporting opens at the beginning of the month for the previous months usage
- Reporting needs to be completed by 10th of the month.
- You can only submit zero usage during the first 6 months of your SPLA agreement
- After the first six months you need to report a minimum of US\$100 per month
- Individual end users spending over US\$1000 on SPLA need to be reported separately, contact <u>microsoft.sales@dickerdata.co.nz</u> to set this up the first time

Resources

- SPUR Service Provider Use Rights Microsoft Services Provider Use Rights
- Windows Server Licensing Guide https://tinyurl.com/5bzhmtz4
- SQL Server Licensing Guide https://tinyurl.com/mpjdb4vc
- Flexible Virtualisation Licensing Guide https://tinyurl.com/58xjrsxa
- Microsoft SPLA resources (needs Partner login) <u>Service Provider Licensing Agreement (SPLA) Resources (microsoft.com)</u>



QUESTIONS?



THANK YOU

