

NEWSIGNATURE


# Endpoint/WVD Jumpstart

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# Windows Virtual Desktop Overview



Next Generation  
of RDS



Delivered natively  
from Microsoft  
Azure



Enables Windows  
10 multi-session  
capabilities



Enable Windows 7  
extended support  
scenarios



Supports Windows  
Server 2012R2  
and above



Supports desktop  
and application  
virtualization



Incorporates the  
power of  
M365 security



# Windows Virtual Desktop Scenarios





# Windows Virtual Desktop Scenarios



## Security and Regulation

Financial Services

Healthcare

Government



## Elastic Workforce

Mergers and acquisition

Short term employees

Contractor and partner access



## Specific Employees

BYOD and mobile

Call centers

Branch workers



## Specialized Workloads

Design and engineering

Legacy apps

Software dev test



# Windows Virtual Desktop Operating System Support

Windows 10 Enterprise Multi-Session

Windows 10 Enterprise Single-Session

Windows 7 Single-Session

Windows Server 2019

Windows Server 2016

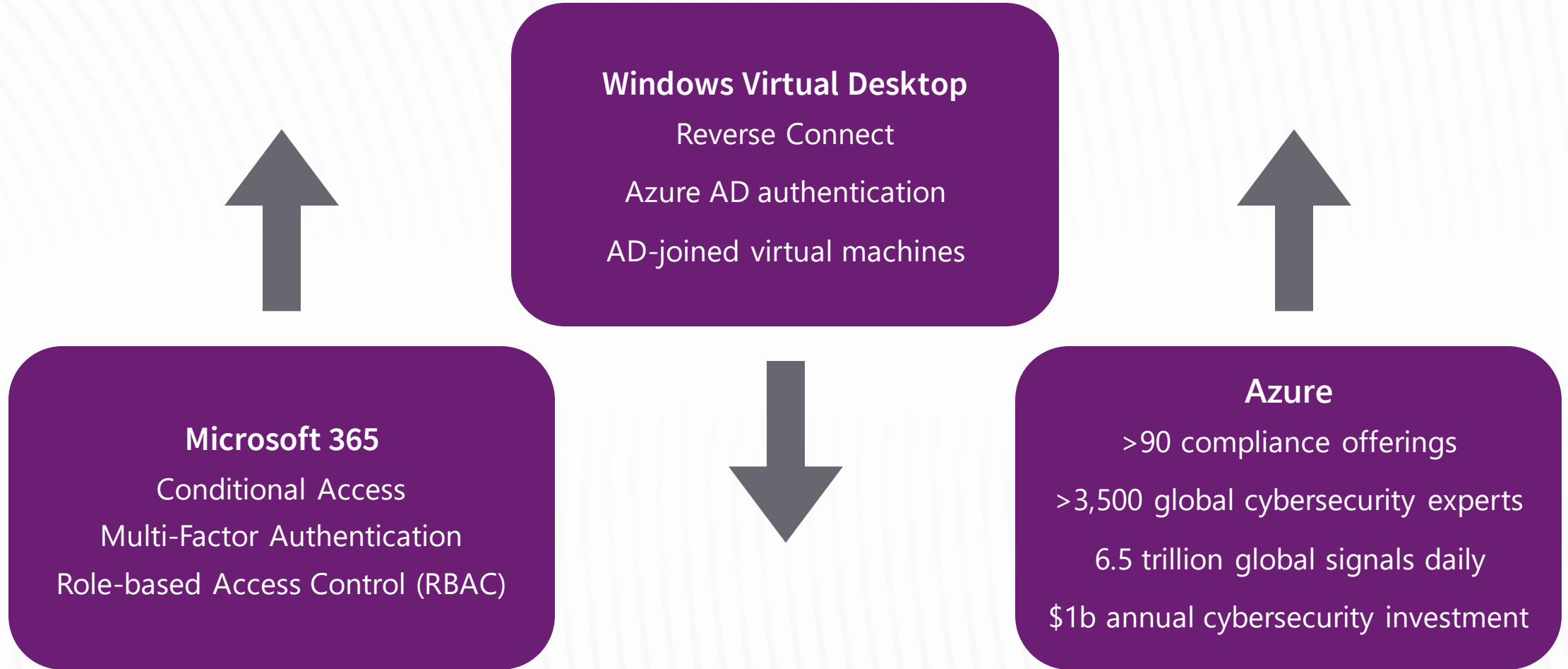
Windows Server 2012 R2

VMs in Customers Azure Subscription –  
All configuration such as GPOs etc will  
be within the organization control.





# Windows Virtual Desktop Security Controls





# Windows Virtual Desktop Options

## Windows Server RD Session Host

Scalable multi-session legacy  
Windows environment

Windows Server  
Multiple sessions  
Win 32

Office Perpetual/Office ProPlus  
(Windows Server 2016, 2019)  
Long-Term Servicing Channel

## Windows 10 Enterprise multi-session

Scalable multi-session modern  
Windows user experience with  
Windows 10 Enterprise security

Windows 10  
Multiple sessions  
Win32, UWP  
Office 365 ProPlus  
Semi-Annual Channel

## Windows 10 Enterprise

Native single-session modern  
Windows experience

Windows 10  
Single session  
Win32, UWP  
Office 365 ProPlus  
Semi-Annual Channel



## Multi-session

- Reduce costs with pooled, multi-session resources
- Use a Gallery image with/without Office 365 Pro Plus
- Use a Custom images with apps installed manually
- Master image creation for large multiple VM deployments



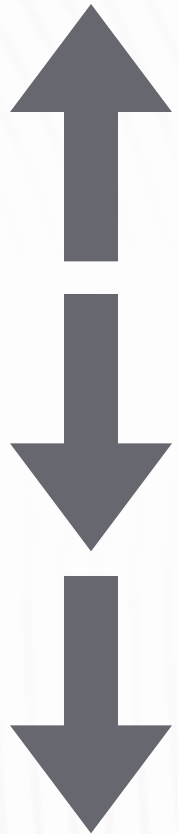
## Dedicated

- Individual ownership through personal (persistent) desktops
- Use Gallery or Custom images
- Apps can be installed manually or deployed via Intune / SCCM





# Windows Virtual Desktop Multi-session



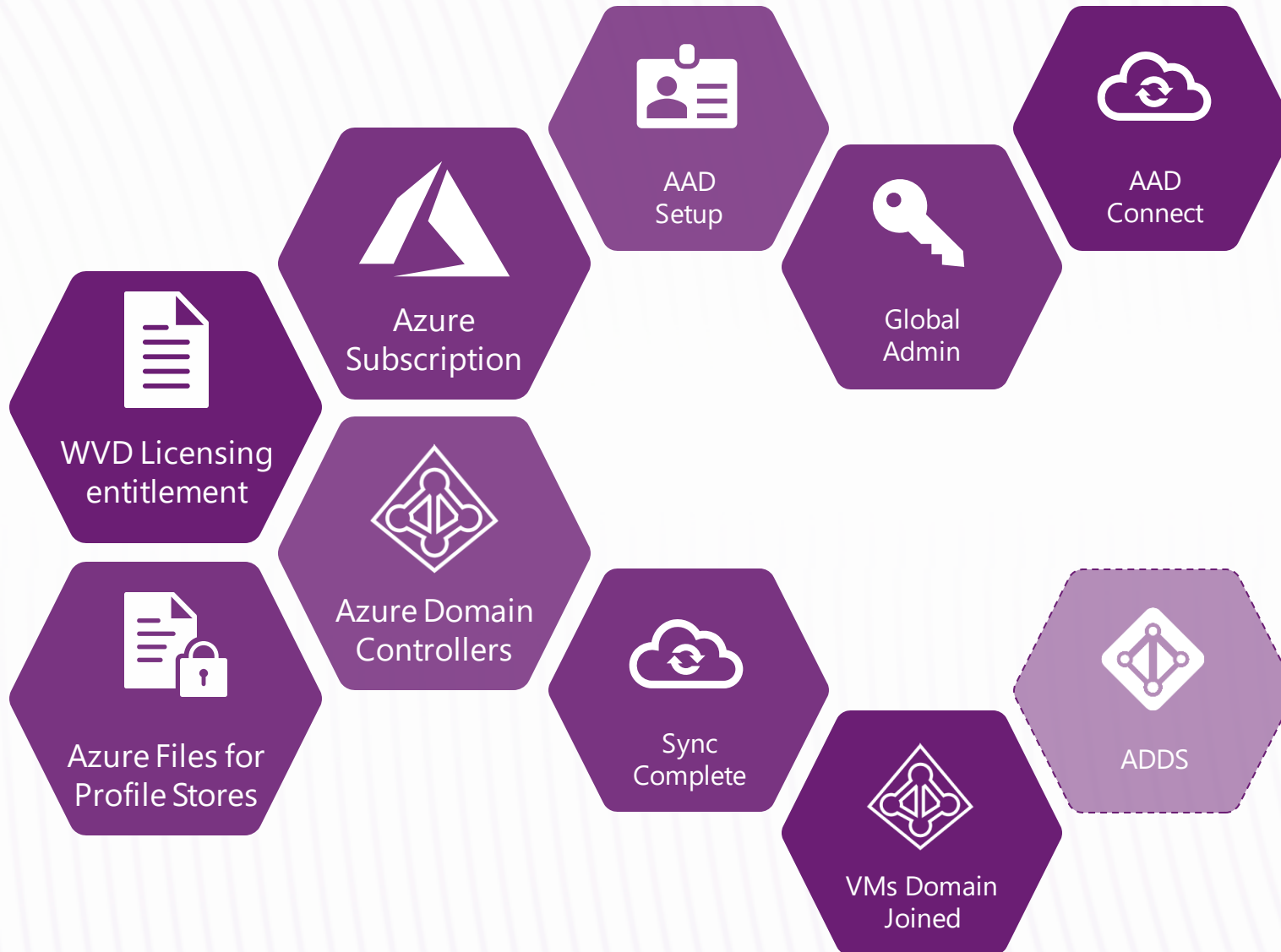
User Density

Azure Consumption

Compatibility Issues

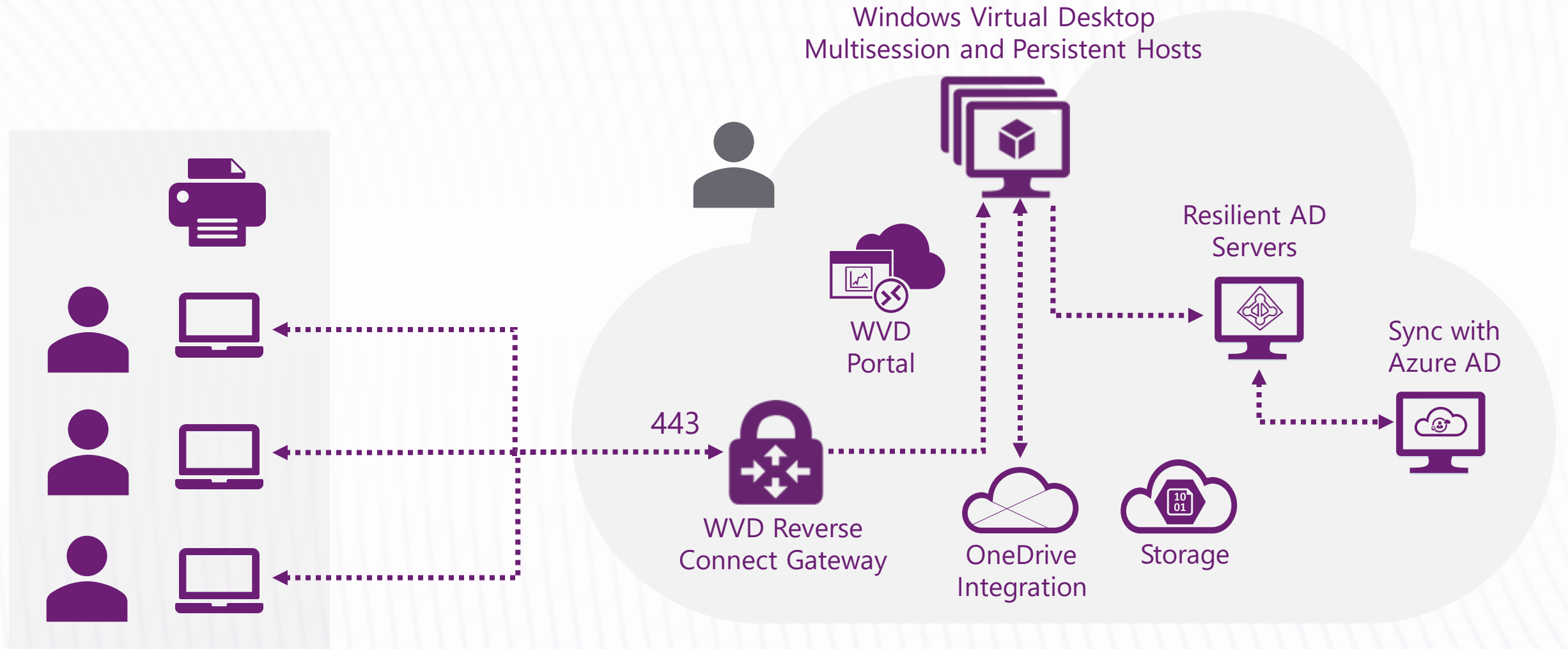


# Windows Virtual Desktop Dependencies





# Windows Virtual Desktop Architecture





# Windows Virtual Desktop Eligibility

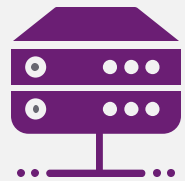


## Client

Customers are eligible to access Windows 10 single and multi session and Windows 7 with Windows Virtual Desktop (WVD) if they have one of the following licenses\*:

- Microsoft 365 E3/E5
- Microsoft 365 A3/A5/Student Use Benefits
- Microsoft 365 F1
- Microsoft 365 Business
- Windows 10 Enterprise E3/E5
- Windows 10 Education A3/A5
- Windows 10 VDA per user

\*Customers can access Windows Virtual Desktop from their non-Windows Pro endpoints if they have a Microsoft 365 E3/E5/F1, Microsoft 365 A3/A5 or Windows 10 VDA per user license.



## Server

Customers are eligible to access Server workloads with Windows Virtual Desktop (WVD) if they have one of the following licenses:

- **RDS CAL license with active Software Assurance (SA).**



## Payment

Pay only for the virtual machines (VMs), storage, and networking consumed when the users are using the service, or commit to reserved instances to save even more



# WVD Jumpstart Deployment Models

	Essentials	Advanced	Enterprise
Maximum Users	10	250	No Limit
Standalone WVD Installation	✓		
Custom WVD Installation		✓	✓
Gallery Windows 10 Image	✓	✓	✓
Custom Windows 10 Image		✓	✓
Office Applications	✓	✓	✓
Sample Application	✓		
< 5 Application Packages		✓	
> 5 Application Packages			✓
Multisession Pool	✓	✓	✓
Dedicated Pool		✓	✓
Custom Auto-scale policies		✓	✓
Single Azure Region	✓	✓	✓
Multiple Azure Regions			✓
Deploy Conditional Access Policies		✓*	✓
Windows 7 Extension			✓
Hybrid Desktop Management			✓
Profile Management	Optional	✓	✓
Application Masking	Optional	✓	✓

\*where conditional access is already deployed