

### *D* Tech Data' D&LEMC

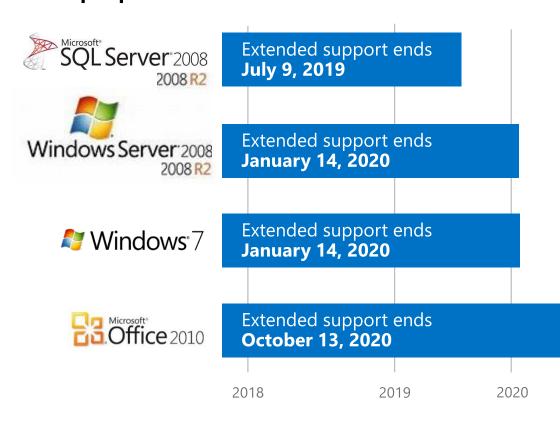
# *Windows Server* 2019

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December 2018							
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# Get ready for end of support



Microsoft Lifecycle Policy: <u>www.microsoft.com/lifecycle</u>



#### Avoid business risk

End of support means:

No security updates



**Compliance concerns** 

**Missed innovation opportunities** 

Some examples	What it means	Severity/impact	
Ransomware (Petya, WannaCry)	Blocking access to your data and asking for ransom	Critical/remote code execution	
Hardware vulnerabilities (Meltdown/Spectre)	CPU vulnerability that allows hackers to steal sensitive data (resolved through OS security updates)	Important/ information disclosure	
GDPR & industry regulations	Additional security and features needed to comply with specific regulations	Lost customer trust, impact to brand image, and financial penalties	

Microsoft Security Response Center: <u>www.microsoft.com/msrc</u>

### Windows Server 2019 pillars









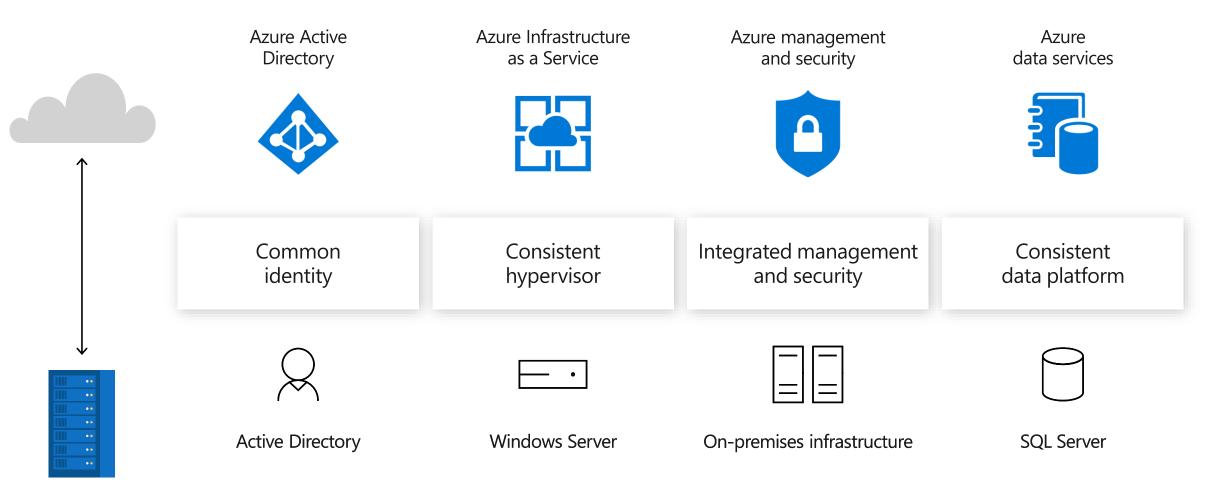
Unique hybrid capabilities with Azure Advanced multilayer security Faster innovation for applications

Hyperconverged infrastructure





# Hybrid consistency



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# Enhanced security capabilities



#### Manage privileged identities

Give administrators and system components just enough access privilege with Just Enough Administration



#### Secure the operating system

Discover and address security breaches with Windows Defender Advanced Threat Protection

Help prevent host intrusion with Windows Defender Exploit Guard



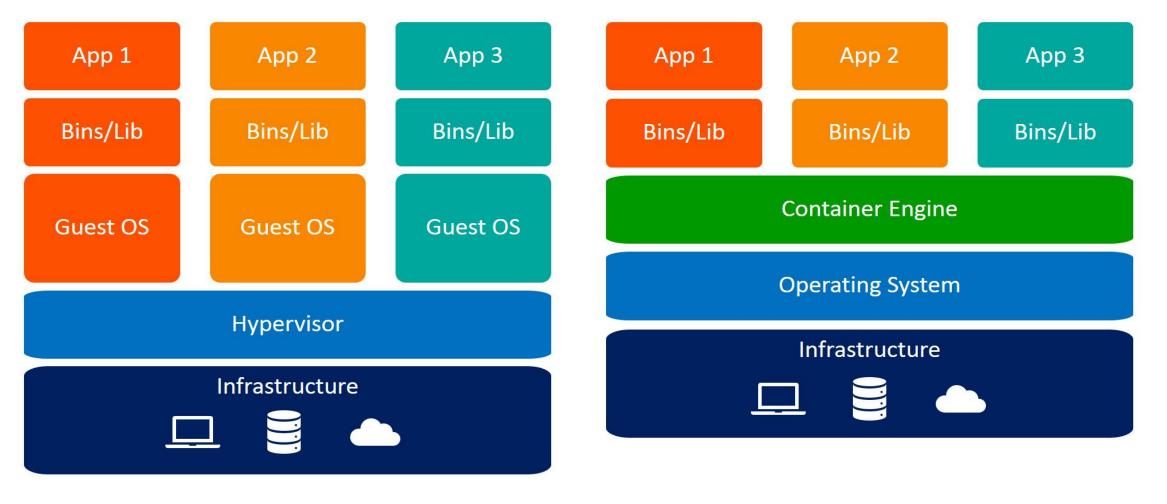
#### Secure virtualization fabric

Run Linux inside a protected virtual machine with Shielded VMs for Linux Protect network traffic with the flip of a switch with Encrypted Subnets





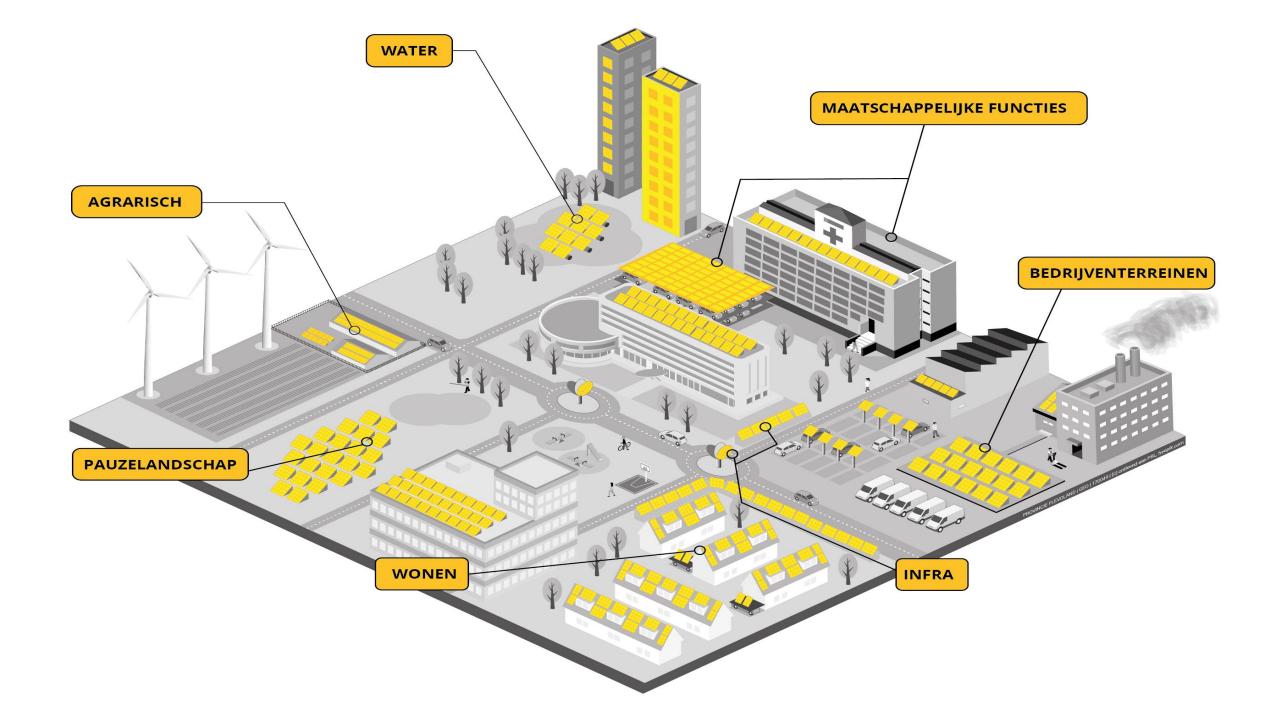
### What is a container?



Virtual Machines

Containers

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### Evolution of Windows Server hyperconverged

Software-defined Storage **Spaces Direct** Hyper-V 111 Introduced in 2008, New in Windows server 2016 ten years ago! Foundation of our In development for 5+ hyperscale Azure cloud years at Microsoft

Foundation of Azure Stack

New in Windows server 2016

Networking

Inspired by Azure









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