

Dell PowerEdge T340 Windows Server 2025 Projekt 2



Testumgebung: Dell PowerEdge T340

Intel Xeon E-2146G 6C/12T @ 3.50 – 4.50 GHz CPU

ASPEED AST2400 2K VGA Graphic Card 1920 x 1080 Pixel

16 GB RAM @ 2666 MHz ECC – 2x 8 GB DDR4-3200 UDIMM ECC

Dell PERC H730P Raid Controller, 2 GB NV Cache (RAID: 0,1,5,6,10,50,60)

iDRAC9 Express mit Lifecycle Controller

8x Hot-Swap-fähige 3.5-Zoll-Laufwerke

4x 400 GB SSD Toshiba PX04SVB040 Enterprise 2.5" SAS - RAID 5

4x 6 TB HDD Enterprise 3.5" SATA 6Gbit/s - RAID 5

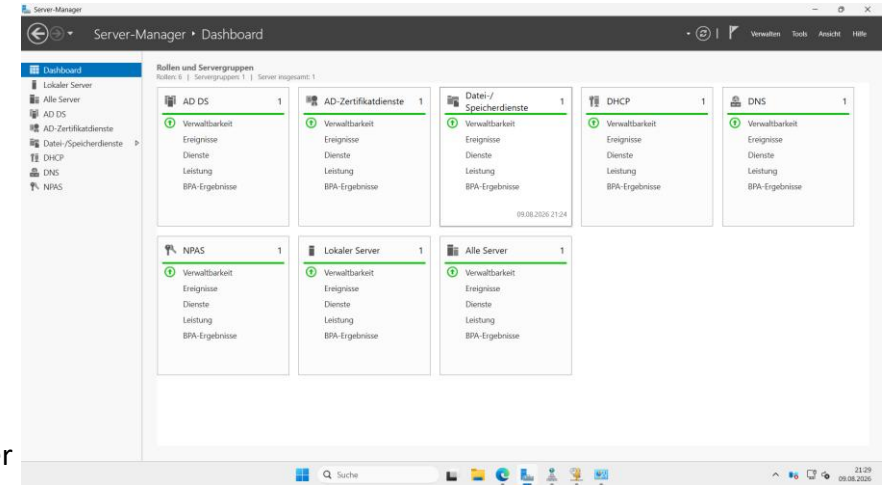
2x 1GbE Broadcom RJ45 Ports, 2x 10GbE Intel X710-DA2 SFP+ Ports

Windows Server 2025 Essentials/Standard - Active Directory Domain Services

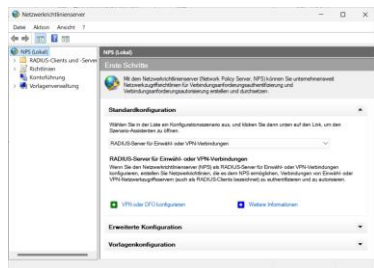
Rollen: AD-Zertifikatsdienste, Dateidienste, DHCP, DNS, Netzwerkrichtlinienserver

Gruppenrichtlinien: Ordnerumleitung, Radius-User

Azure ARC-enabled Server



Windows Server-Manager > Dashboard



NPAS (Radius)



4* 400 GB SSD Data Center SAS (OS-Disk)

CrystalDiskMark 9.0.3 x64 [Admin]			
Datei	Einstellungen	Profil	Thema
Sprache (Language)			
All	3	1GiB	C: 4% (40/1115GiB) MB/s
		Read (MB/s)	Write (MB/s)
SEQ1M Q8T1		5319.50	2465.30
SEQ1M Q1T1		3692.70	2471.36
RND4K Q32T1		426.44	268.73
RND4K Q1T1		78.72	123.36



4* 6 TB HDD Enterprise SATA (Data-Disk)

CrystalDiskMark 9.0.3 x64 [Admin]			
Datei	Einstellungen	Profil	Thema
Sprache (Language)			
All	3	1GiB	D: 0% (0/16765GiB) MB/s
		Read (MB/s)	Write (MB/s)
SEQ1M Q8T1		5957.44	640.86
SEQ1M Q1T1		4620.74	677.65
RND4K Q32T1		424.09	19.96
RND4K Q1T1		152.03	18.47