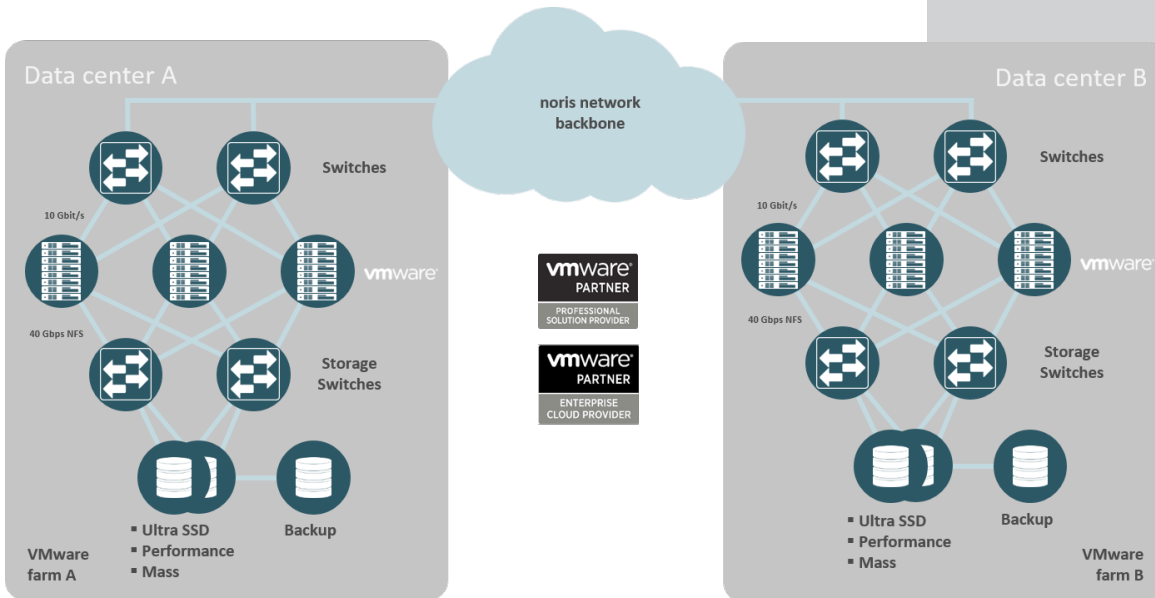


vServer

Virtual Premium Servers



Take advantage of the benefits of virtualization at the highest level! Secure, flexible and powerful – embedded in a high performance infrastructure!

Benefits

- Extremely high performance through dedicated allocated RAM, fast Ultra-SSDs and connection up to 10 Gbps, optional with dedicated CPU Cores.
- Running on a VMware-based infrastructure consisting of enterprise hardware, high-performance, high-availability storage with three power classes and multiple 40 Gbps uplink connectivity.
- High availability ≥ 99.8 % p. a. through automatic restart on other hardware in the event of failure, optional with replication into another data center.
- Great flexibility through integratability in individual Stetups via VLAN technology with um to three virtual Ethernet Interfaces and expandability by adding volumes different of different performance classes.
- Extensive and convenient tools from the VMware® infrastructure for administration, configuration and monitoring purposes.
- High security through hosting in certified german data center.

Highlights

- Up to 128 GB dedicated RAM
- Up to 16 allocated CPU-ressources
- 100 GB SSD storage as base volume for operating system and applications
- PowerVM with dedicated allocated CPU Cores
- Ultra fast SSDs
- Use of VMware® virtualization
- Including licenses for Windows Server and System Center Endpoint Protection
- Daily site distributed backup

Details

Embedded in an extremely powerful VMware® farm infrastructure of noris network AG, our vServer systems offer you performance and safety. The availability ≥ 99.5% p. a. can optionally be increased to ≥ 99.8% p. a. (HA) through an automatic restart on other hardware in the event that an error occurs. In addition, it is possible to replicate the vServer (HA-R) into another data center. Based on snapshots that are generated on a daily basis, a restart is then initiated on dedicated resources.

VLAN technology and the provision of up to three virtual Ethernet interfaces allow to embed the vServer in an individual customer setup. The use of multiple 10 Gbps links ensures that the performance of the system is not limited by the connection rate.

Licenses for Windows Server and System Center Endpoint Protection are included in the standard package. If required, you can run almost any operating system such as, for example, a Linux derivate. To enhance the performance, stability and availability of the vServer, fast SSD-storages are used for the system partition. The storages are connected via a high performance and resilient storage network. Depending on the specific needs and applications, the different vServer types can be expanded by installing additional „Mass“, „Performance“ or „Ultra-SSD“ volumes. In case of defective disks all data will be destroyed.

The RAM resources are assigned dedicated at all variants. For terminal or database servers or other CPU driven applications, the vServers are also available as PowerVM which also have dedicated assigned CPU cores. All PowerVMs are carried out in the availability class „-HA“.

To cover even the unlikely case of a fatal error, a site distributed backup with 30-day retention is generated daily based on snapshots. This allows recovery of the entire vServer or a file-level restore.

Available variants	1 GB	2 GB	4 GB	8 GB	16 GB	32 GB	48 GB	64 GB	128 GB
1 vCore	✓	✓	✓	-	-	-	-	-	-
2 vCore	✓	✓	✓ + PVM	✓ + PVM	-	-	-	-	-
4 vCore	-	✓	✓	✓ + PVM	✓ + PVM	✓ + PVM	✓	✓	-
8 vCore	-	-	✓	✓	✓ + PVM	✓ + PVM	✓	✓	PVM
12 vCore	-	-	-	✓	✓	✓	✓	✓	-
16 vCore	-	-	-	✓	✓	✓	✓	✓	-

vServer	Standard	HA	HA-R
SSD (base volume)	100 GB Ultra SSD-Storage		
Link rate	up to 10 Gbps		
Virtual Ethernet Interfaces	up to 3		
Backup (Snapshots)	30 days		
Operating System	all systems supported by VMware®		
Verfügbarkeit p. a.	≥ 99,5 %	≥ 99,8 %	≥ 99,8 %
Replication into another data center	no	no	yes (100 % resource reservation)

Volumes (for expansion)	Mass	Performance	Ultra-SSD
Capacity	0,5 to 5 TB	100 GB to 5 TB	100 GB to 1 TB
Max. IOPS	500	2000	70,00 per vServer, 15,000 per Volume
Sample applications for storage classes	Dumps, backup	Web-, & applikation servers	Databases, ERP

Are you interested?

We look forward to hearing from you!

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