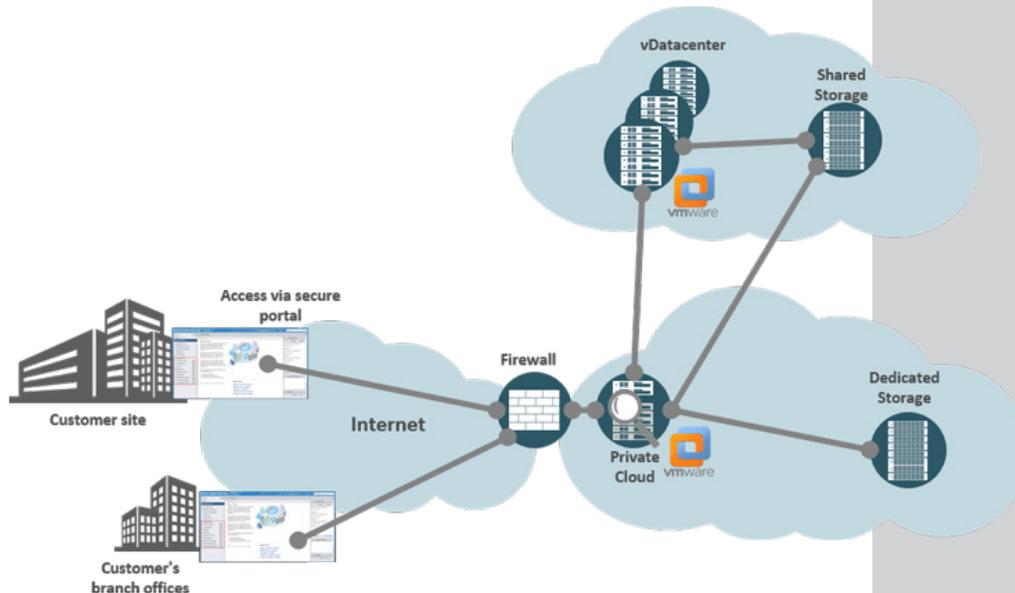# Private Cloud

Your Cloud with dedicated Hypervisors

You need the highest level of data security, availability and performance? A shared environment or public cloud is out of the question for you? Then use our Private Cloud!

Benefits

- No or low investment costs even with short contract terms

- Highest performance, availability and data security through dedicated, redundantly designed hypervisors with powerful connection

- Individual licensing models depending on requirements and usage purpose

- Nearly free scalability in terms of hypervisors and storage

- Flexible usage with your vDatacenter or your legacy hardware possible

Highlights

- Dedicated, redundant hypervisors

- Management via own vCenter

- Enterprise virtualization based on VMware

- Different versions for RAM- or CPU-intensive applications

- Short contract periods possible

- Optionally with dedicated storage

- Operation by certified specialists

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Details

Build upon our years of experience in designing and operating VMware farms and use your private cloud with dedicated hypervisors provided specifically for you. As part of our VMware building blocks, we assign any part of our VMware farm dedicated to you. This allows you to use your own VMware farm without having to bear the high investment costs otherwise required - even with short contract periods. So, for example, if you only need the private cloud for one year, you won't stuck with the expensive hardware and licenses. With our flexible private cloud products you will always find the best solution for your application - individual and flexible.

Initially, your private cloud consists of a cluster with two N+1-redundant hypervisors, which can be supplemented by almost any amount of further hypervisors. The hypervisors are available in different versions. Depending on whether your applications are more RAM-intensive or require a lot of computing power, we provide the „Compute" or „Memory" variants for you. You don't have to worry about licensing either. You have the choice between full licensing in advance or a flexible pay-as-you-grow model.

As standard you can use the shared storage of our shared VMware farms with its three performance classes Mass, Performance and Ultra. Optionally, we can also connect dedicated storages for you. If you also want to purchase the storage with a short contract period of 12 months or longer, this is of course also possible.

In the self-managed version of your private cloud, you receive your own vCenter that allows you to flexibly configure all resources. If you use shared resources, they are billed on the basis of cloud points. We can also manage your private cloud and assume operational responsibility. In this case, all changes are simply made using the change request procedure.

Of course, you can use your private cloud together with our vDatacenter and „breathe" beyond the static limits of a dedicated platform or use the shared storage of noris' own VMware farm - this makes your cloud even more flexible.

Private Cloud	Feature	
CPU	40 physical cores with 2.4 GHz per hypervisor	
RAM	Compute: 512 GB	Memory: 1024 GB
VMware Licencing	Provider: Flexible based on cloud points; depending on RAM usage; usage by the customer and third parties	Enterprise: One time per purchased license; Purchase of licenses by noris or the customer; use only by the customer
Operations Management	Self Managed: Through the customer's own vCenter	Managed: Through noris via change request
Shared Storage	Accounting based on cloud points. Availability of the following performance classes: ■ Up to 500 IOPS per volume ■ Performance up to 2000 IOPS per volume ■ Ultra up to 70 000 IOPS per vServer and 15 000 IOPS per volume	
Dedicated Storage Ultra	■ Up to 450 000 IOPS in total ■ Available with 120 TB or 280 TB storage space at 1:2 efficiency ■ Inline deduplication, compression and compaction	
Dedicated Storage Mass	■ Up to 50 000 IOPS in total ■ Available with 120 TB storage space	

Interested?

We look forward to your inquiry!

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