



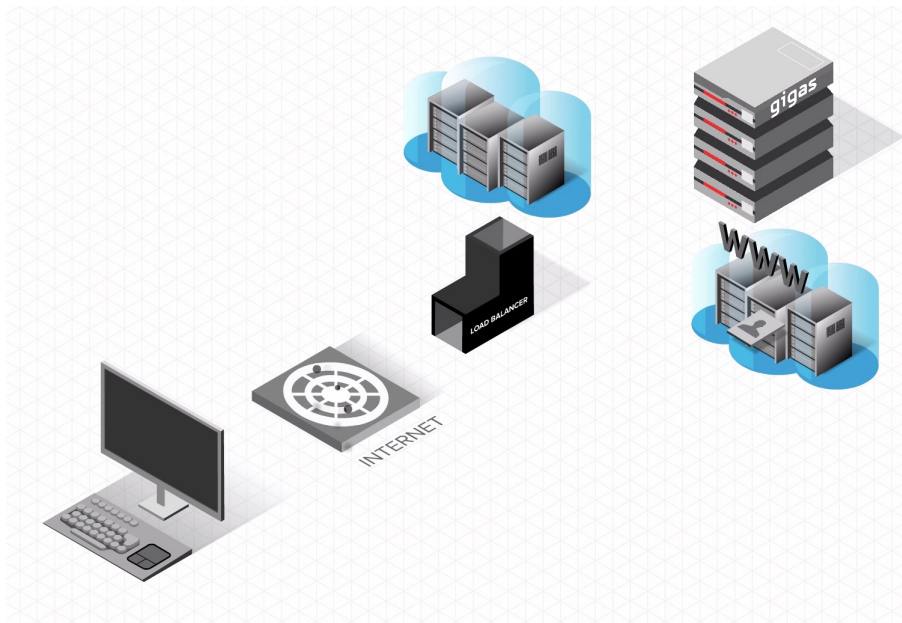
SHARED DISKS

/ technical datasheet

SHARED DISKS

This Oni product has been designed for environments that need to share large amounts of data between different virtual servers.

This service allows clients to simultaneously access the same volume of data from multiple servers, both for read and write operations.



ADVANTAGES

- Simultaneous access to the same volume of data
- Multiple access protocols
- Optimized environment for managing large volumes of shared data
- Security filters for access to shared data
- High availability of the elements involved
- Different tiered storage (SAS or SATA) settings possible

PROTOCOLS FOR WHICH IT CAN BE USED

- » **NFS:** Creation of an NFS folder over different servers (we recommend using Linux) which allows instant read and write access and offers excellent performance. Recommended for applications with a high volume of files (several million) that must be simultaneously available on multiple servers.
- » **CIFS:** This is the protocol used by Windows shared folders, and has been specially designed for Windows environments. Recommended when user permissions and restrictions are important for these environments.

These settings are customized depending on each project and are adapted to the speed and security parameters required by the user. The client decides the size of the disk they want to be shared (to be deducted from the total disk that is linked to their product) and the protocol of their choice.

To do this we use NetApp's VServer technology which allows the creation of an environment for the user that is completely separate from everything else. It guarantees QoS and takes full advantage of our NetApp storage clusters. Using this infrastructure – specially optimized for working with data storage – makes it work much more efficiently than traditional environments where disk volumes are shared from a physical server.