

The logo for Facilis Technology features a stylized, dark blue graphic on the left that resembles a speech bubble or a dynamic arrow pointing towards the right. The word "FACILIS" is written in a large, bold, white, italicized sans-serif font, and the word "TECHNOLOGY" is written below it in a smaller, white, all-caps sans-serif font.

FACILIS TECHNOLOGY

Online Certification Training:
Version 7 / 7.1




Thanks for taking the certification test for Facilis products.

As with any product, we have a lot of information already documented for our resellers and end-users. These documents will be an important part of the training. Please complete each before taking the certification test, and have them available for reference during the test.

All documents can be found here:

<https://www.facilis.com/facilis-technical-certification-resources/>

 Facilis_Hub_Server_Guide_7.1.pdf


 Facilis_ReleaseNotes_7.1.pdf

 Facilis_TerraBlock_Users_Guide_7.1.pdf

 Facilis_TX16_Setup_Guide_7.1.pdf

 Facilis_Web_Console_Setup_Guide_7.1.pdf

 FastTracker_QuickStart_Guide_2.1.0.pdf

 FastTracker_ReleaseNotes_2.1.0.pdf

Facilis Technology 101

Facilis storage systems are different than many others. In this section we cover some of the features that make Facilis unique. It's important to understand these as a part of the training, so when we dive into the operational aspects of the system you'll understand the purpose of the architecture.

Facilis uses a Shared File System, not NAS file system

- Each Facilis client requires a software install to use the server volumes

- The volumes are not accessible from UNC paths

- The volume will present a FacilisFS or AvidFS filesystem type to the client OS

Facilis does not use hardware RAID controllers for virtual storage

- RAID 0, 1 and 5 are available for internal volumes

- RAID 50 and 51 are available for multi-server spanned volumes

- No burn-in required, software defined protection is available immediately

Facilis supports connectivity over Fibre Channel and Ethernet

- Through Fibre Channel a client can mount Multi-user and Single-user volumes

- Ethernet clients can only mount Multi-user volumes

- Failover from FC to Ethernet is automatic for Multi-user volumes

Facilis uses a virtualized drive set

- Volumes are created from a pool of storage
- Data is sprayed across the drive surface instead of written linear
- Smallest volume has full bandwidth of the drive set(s)

Facilis uses volume-level permissions

- Read-Write, Read-only and No Access
- There are no folder or file permissions
- There are no ownership attributes or locking of files or folders

Facilis provides project-based volume workflow

- Security of data through volumes dedicated to projects
- Avoidance of large filesystem fragmentation issues
- Compatibility with applications that require root level access

User accounts can be combined from multiple sources

- Client OS logged-in user
- Server domain list of users and passwords
- Active directory list of users and groups