

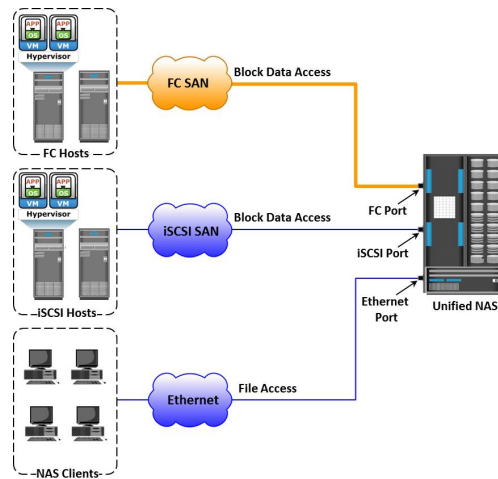
### Seatwork #8

1. Which component of a NAS head translates file-level requests into block-storage requests
  - A. front-end ports
  - B. optimized operating system**
  - C. CIFS and NFS
  - D. network interface card
2. Which is a feature of scale-out NAS?
  - A. uses general purpose operating system for file serving
  - B. creates multiple file systems on each node in the cluster
  - C. uses external and independently-managed nodes
  - D. enables pooling of nodes that work as a single NAS device**
3. Which is a feature of gateway NAS?
  - A. uses dedicated storage for each NAS head
  - B. NAS head and storage are managed independently**
  - C. creates a single file system that runs on all NAS heads
  - D. provides connectivity to iSCSI and FC hosts
4. Which NAS implementation consolidates file-based and block-based access on a single storage platform?
  - A. scale-out
  - B. gateway
  - C. unified**
  - D. both gateway and scale-out
5. Which is a benefit of file-level virtualization?
  - A. enables users to use physical path, rather than logical path, to access files
  - B. translates file-level request into block-storage request non-disruptively
  - C. consolidates NAS-based and SAN-based access on a single storage platform
  - D. eliminates dependency between data accessed at file level and file location**

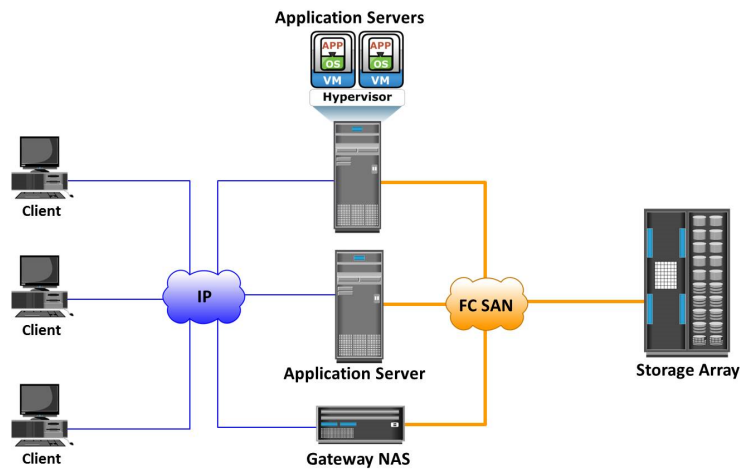
File sharing protocols:

Network File System (NFS) - UNIX

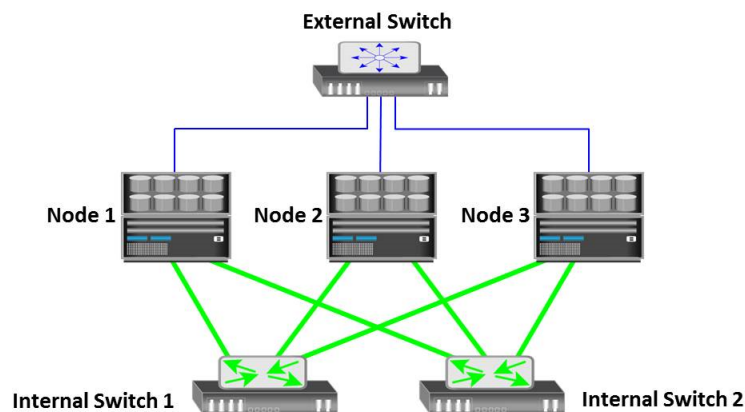
Common Internet File System (CIFS) – Windows



Unified NAS



Gateway NAS



InfiniBand Switches

Scale-out NAS