**A Quick comparison between Oracle File storage and NFS file share**

**Manageability:**

FSS: OCI File Storage Service (FSS) is a fully managed enterprise-grade shared file system

NFS: Linux utility allow you to manage NFS server/client machine. Linux Admins need to manage. NFS service need to be managed on both client and server by Linux Admins.

**Availability:**

FSS: Easily available as Oracle Cloud Service for all OCI regions.

NFS: Linux free source utility available to install and configure.

**Scalability:**

FSS: easily scales up in the Cloud without any upfront provisioning.

NFS: Will have to scale the client share manually.

**Accessibility:**

FSS: OCI provided console to manage the NFS exports, ACLs, Firewall and network components.

NFS: Linux Admin need to manage instance level exports, ACLs and Firewall components.

**NFS supported**:

FSS: NFS version 3

NFS: Any available version.

**Storage Cost:**

FSS: 30$ per 100 GB per month

NFS: Block volume cost 3$ per 100 Gb/Month

**Data Durability:**

FSS: Durable and highly available shared storage with file semantics and data persist beyond your instance life.

NFS: Depends on block volume configuration.

**Backup:**

FSS: Oracle provided snapshots.

NFS: Depends on configuration. Options available for OCI block volume Backups.

**Restore:**

FSS: Quick restore from OCI provided snapshots.

NFS: Depends on configuration. OCI block volume backups can be used to restore the data.

**Security:**

FSS: Access can be managed from OCI console, data is secured as per Oracle Policies.

NFS: Depends on configuration, Oracle provides data security on block volumes.