Overview

This chapter contains the following sections:

About Cisco UCS Director for EMC VNX

Cisco UCS Director supports EMC VNX block, file, and unified storage accounts. Block supports block data, file supports file data, and unified supports both block and file data.

Note See the Compatibility Matrix for all supported VNX versions.

For a VNX Block account, you can manage the following:

- Block Storage Pools
- Storage Groups
- RAID Groups
- Host Initiators
- Logical Unit Numbers (LUNs)

The reports for VNX Block accounts also include details on all of these items, and on storage processors, ports, meta LUNs, hosts, ports, and disk devices.

For a VNX File account, you can manage the following:

- Data Movers
- Storage Pools for File
- Volumes
- Filesystems
- Common Internet File Servers (CIFS) servers
- Common Internet File Servers (CIFS) shares

- Network File System (NFS) exports

- Data Mover Interfaces

- DNS Domains

The reports available for VNX File accounts include details on the above items, and system overview summaries.

For a VNX File new account, you create either Common Internet File Servers (CIFS) or Network File System (NFS) Export.

For NFS Export, you create the following:

- Storage pools for files

- File systems

- Interfaces

- Volumes

- Mounts

For a VNX unified account, which combines VNX block and VNX file accounts, you can perform all the steps needed for both VNX block and VNX file accounts.