



Feature Summary

ezNAS includes support for volume-based partitioning, iSCSI (target and initiator), scheduled snapshots, resource quota, and a single unified interface for share management which makes allocating shares for various network file-system protocols a breeze.

The following are just some of the features **currently available** (unless indicated otherwise) in ezNAS.

- **Powerful block storage virtualization**
 - Full iSCSI target support, with support for virtual iSCSI targets for optimal division of storage
 - Extensive volume and physical storage management support
 - Support for large block devices
 - Full software RAID management support (disabled in preference of ISE functionality)
 - Support for multiple volume groups for optimal storage allocation
 - Online volume size and overlying filesystem expansion
 - Point-in-time snapshots support with scheduling
 - Volume usage reporting
 - Synchronous / asynchronous volume migration & replication (manual setup necessary currently)
 - iSCSI initiator (manual setup necessary currently)

- **Extensive share management features**
 - Support for multiple shares per volume
 - Multi-level share directory tree
 - Multi-group based access control on a per-share basis
 - Multi-host/network based access control on a per-share basis
 - Per-share service activation (NFS, SMB/CIFS, HTTP/WebDAV, FTP with read/write controls)
 - Support for auto-created SMB home directories
 - Support for SMB/CIFS "shadow copy" feature for snapshot volumes
 - Support for public/guest shares

- **Accounts management**
 - Authentication using Pluggable Authentication Modules, configured from the web-interface
 - NIS, LDAP, Hesiod, Active Directory (native and mixed modes), NT4 domain controller
 - Guest/public account support

- **Quota / resource allocation**
 - Per-volume group-quota management for space and files
 - Per-volume user-quota management for space and files
 - Per-volume guest-quota management for space and files
 - User and group templates support for quota allocation



- **Other features**
 - UPS management support
 - Built-in SSH client Java applet

- **Full industry-standard protocol suite**
 - CIFS/SMB support for Microsoft Windows-based clients
 - NFSv3 support for all UNIX clients with support for ACL protocol extensions
 - NFSv4 support (testing)
 - FTP support
 - WebDAV and HTTP 1.1 support
 - Linux distribution back-end for any other customizations

- **Heterogeneous Compatibility with Operation Systems**
 - All Operating Systems that are compatible with the standard protocols above including:
 - HPUX
 - Windows
 - Solaris
 - AIX
 - Linux

- **Compatibility with Xitech Emprise 5000**
 - Holonyx Technology Corporation performed extensive Linux certification testing of the Emprise 5000 in behalf of Xitech Corp.
 - Holonyx supports the Xitech Emprise 5000 in our support matrix
 - Web Services to enhance workflow are supported and available from Holonyx
 - ezNAS was created specifically to support the Emprise 5000 and enable SAN configurations extremely competitively