Enterprise Storage

BROCHURE

Stacbloc Enterprise Storage

Stacbloc Enterprise Storage offers robust, secure, rebliable, simple, high performance storage to meet the most demanding business needs. Stacbloc storage has built in block and file services with advanced feature set that suits customers requirement to run a robust storage solution. Stacbloc storage stores, protects, backs-up customers data.

File Services

Built in file server engine that provides hierarchical directory based file services.
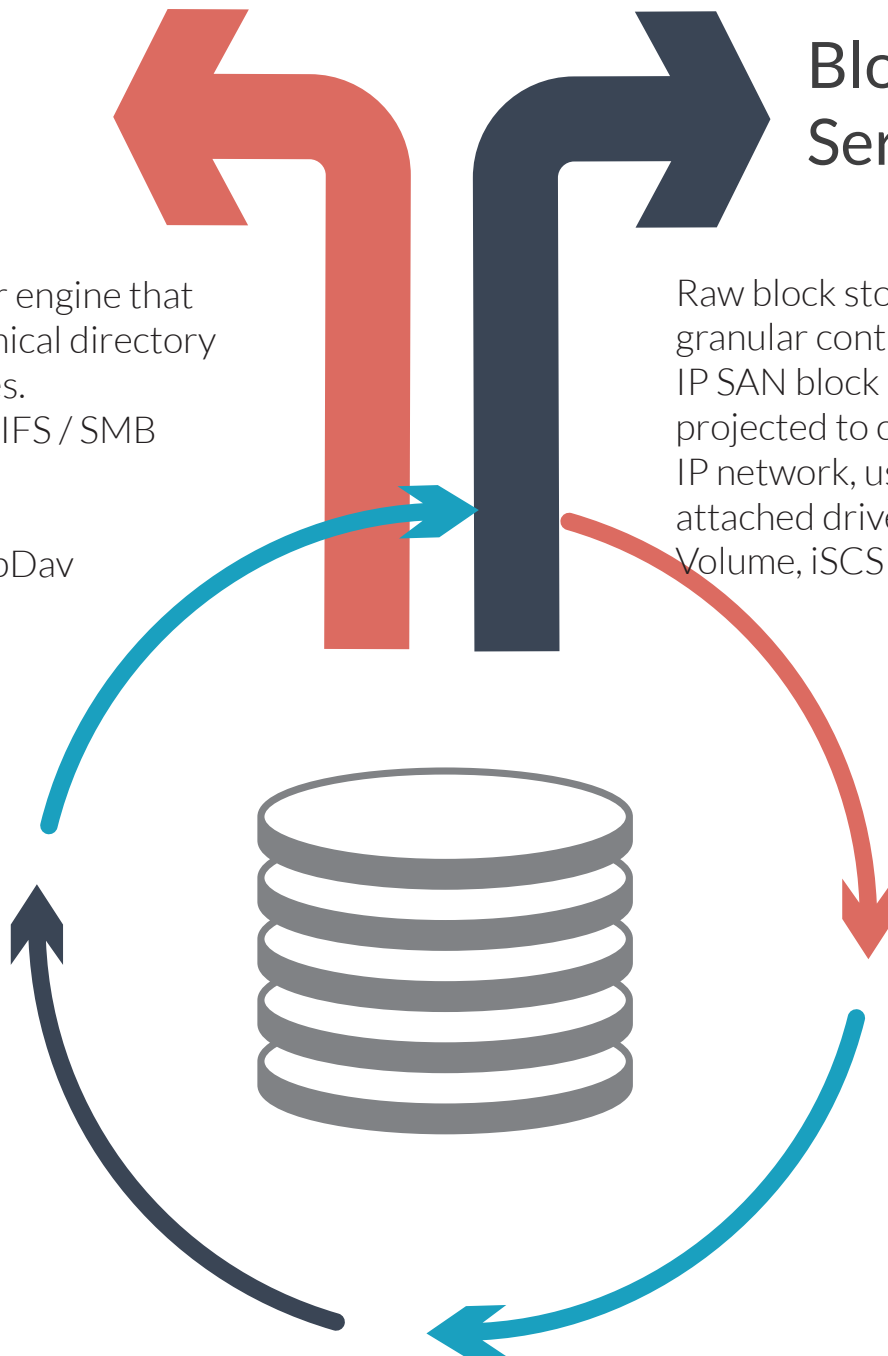Windows OS - CIFS / SMB
Linux OS - NFS
Mac OS - AFP
All OS - FTP, WebDav

Block Services

Raw block storage volumes with granular control at Computes. IP SAN block storage volumes projected to compute nodes via IP network, use blocks as locally attached drive.
Volume, iSCSI based access.

Built on secure FreeBSD platform with scalable ZFS to support wide variety of storage workloads

stackup

Features

User management
Access control
Resource monitoring
Multi port network access Web
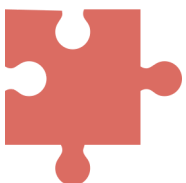GUI management
File synchronization & Recovery

Snapshot

Snapshot takes image of entire file system that shall be stored on local and redundant storage appliance with replication. Stacbloc storage schedules and automates the entire process, providing option to roll back or recover from disaster.
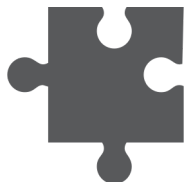
Replication

Live and scheduled replication of file data enable to save dual copies of data, provides redundancy and prevents data loss. Files, directories shall be replicated between Storage or from compute nodes to Storage. Automated replication provides error free data warehousing to a central location

Self Health Check

Storage health check scans data on volume data integrity, detects silent data corruptions, potential disk failures allowing to fix before disaster. Scheduled health checks ensure healthy data storage and prevents data loss,

Data Reliability

Software driven Redundant array of Independent disks provide facility to stripe data across multiple disks with parity check. Stacbloc storage provides RAID levels - stripe, mirror (2 copies of data across two disks), RAIDZ1 (accommodates one disk failure), RAIDZ2 (accommodates two disks failure) and more.