

STONEFUSION™ SAN SOFTWARE FEATURES

Innovative data protection, storage optimization, and real-time monitoring capabilities for iSCSI and Fibre Channel structured data.

StoneFusion™ is an 8th gen storage operating system that enables you to turn your bare metal servers into high performance SAN appliances for block storage with integrated data services for databases, applications, and structured workloads.

INTEGRATED DATA SERVICES

The integrated data services can be divided into the following categories:

- **Data protection features** – Protect your structured data from data loss via ransomware attacks, virus infection, malware, human error, hardware failure, natural disasters, etc.
- **Storage optimization features** – Effectively use available server and storage resources to simplify management and improve Total Cost of Ownership (TCO).
- **Advanced Monitoring** – Monitor resource consumption in real-time and stay in control of your storage server and software.

DATA PROTECTION FEATURES

StoneFusion integrates the following data protection features for your structured data:

Immutable Snapshots

Configure delta-based snapshots for critical data and go back in time to recover data in the event of a ransomware attack or any other disaster.

Campus Mirroring

Set up multi-site/multi-appliance replication for iSCSI volumes and nodes with automated failover and failback.

Advanced Encryption

Leverage AES 256-bit encryption to secure your data at rest and protect data transfers with SSL/TLS tunneling.

GET 30-DAY FREE TRIAL WITH PREMIUM FEATURES

Experience the premium StoneFusion S3 storage features by requesting a test drive for 30 days. Contact us today:

Phone: +1 510 265-1616

Email: sales@stonefly.com

STORAGE OPTIMIZATION FEATURES

StoneFusion integrates following storage optimization features for your structured data:

Deduplication

Remove redundant copies, reduce storage footprint and efficiently consume available storage space.

Thin Provisioning

Reclaim and repurpose unused storage space to quickly provision storage resources for new databases, applications, and projects.

Centralized Management

Manage multiple iSCSI volumes and integrated data services with a centralized management interface.

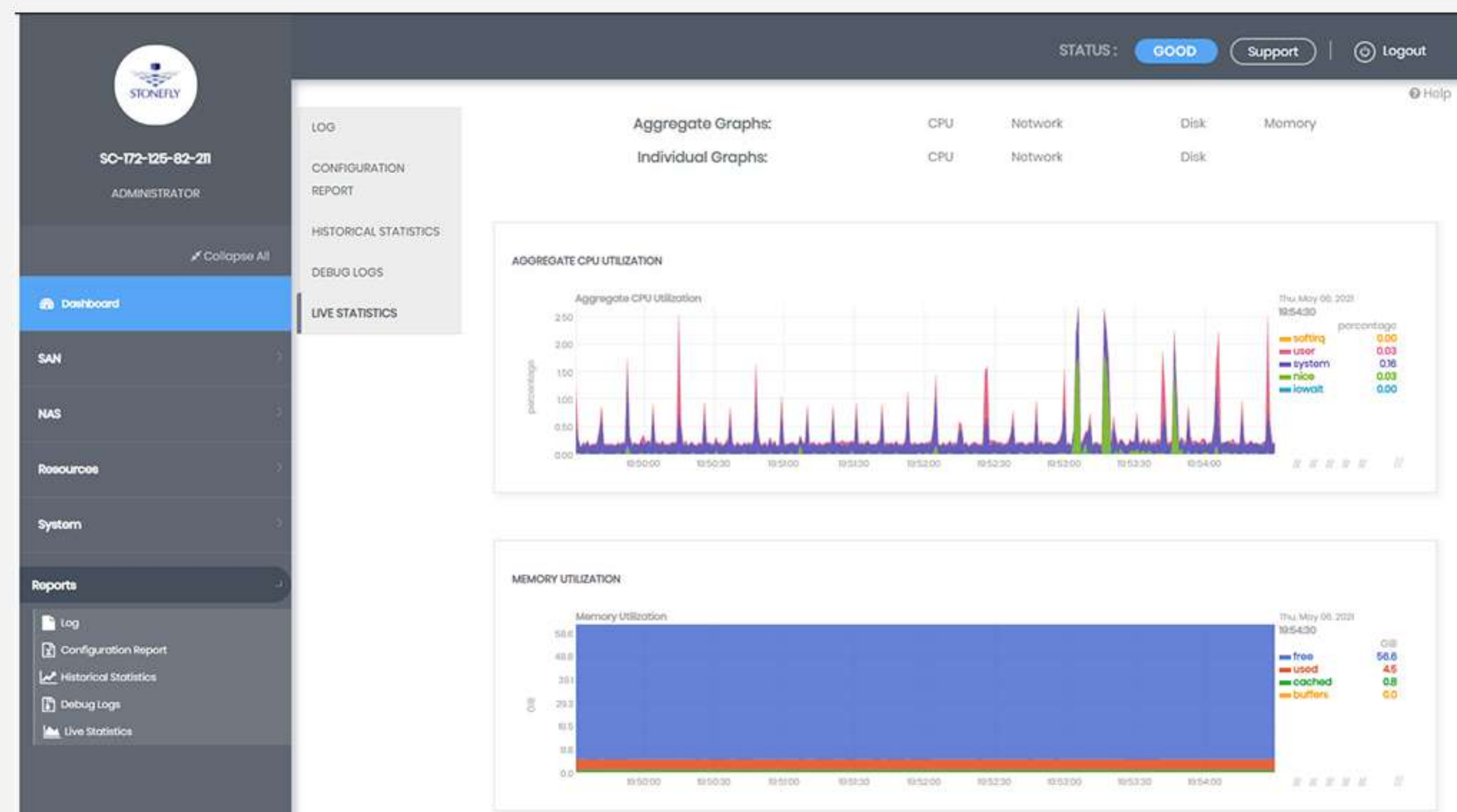
Tiered Storage

Define performance and capacity storage tiers for hot and cold tier structured workloads.

ADVANCED MONITORING

The StoneFusion dashboard provides real-time graphical reporting for:

- Storage space usage
- System memory usage
- CPU usage
- System disk read/write activity
- Network & bandwidth utilization



StoneFusion Dashboard

OPTIONAL ADVANCED FEATURES

The following data services are not included but available as optional upgrades:

- Asynchronous Replication (One-to-Many & Many-to-One)
- Hardware-Enabled Volume Encryption
- Fibre Channel SAN Target Bundle
- NAS (Support for CIFS/SMB and NFS Protocols)
- Block-Level Data Deduplication
- Flash Cache SSD Caching
- Volume Shadow-Copy Service (VSS) Support