

RSF-1 3.9.1 Release note

The following enhancements have been made to the RSF-1 package since 3.8.9

Features

IPV6

- Added S25ipv6 script
- Fixed issue when displaying control-blocked when it was not in fact set.

Speed Ups

- Changes for 6 second count down removal on manual failover
- Removal of reverse look-up numeric network heartbeat address for faster start-up

Disk Fencing

PGR3 Support (Becomes Restricted Availability)

- mhdc changes to handle cluster tests.
- PGR3 test suite added
- Updates to MHDC for toxic blacklist
- Added example blacklist file.
- Added ability to load external firmware table in mhdc.

Permanent SCSI-2 Support

- SCSI-2 reservations as default in rsfcdb
- Updates for SCSI-2 persistent reservations.

Minor Bug Fixes

RSF-1

- Fixed issue when displaying control-blocked when it was not in fact set.
- Added clearstop
- fping failure change to broken_safe
- Fix for disk heartbeat suspend where old heartbeats were received.
- Eliminate setsockopt(..SO_LINGER..) warning on start-up

Disk Fencing

- Fixed issue in S14res_drives with exit RSF_OK
- Multiple threads for SCSI-2 reservations.
- S15mhdc: fixed problem with head
- mhdc changes for PGR3 permission denied check for SCSI-2 reservations (and clear if set)
- Removed the -m flag from MHDC which walked the Multipath tree.

Packaging

- Duplicate packages entries fixed
- Package payload typo
- makefile fix for zfslib

File Synchronisation (fend)

- Fixed stalling process when one host down in more than two node clusters.
- Fixes for fend when in bootstrap mode
- fend sync on boot fixes.

Improvements

Logging

- Added timestamp & datestamp to rsfcdb list_props.
- Updated destroyed message for sysevent
- Cleaned up mhdc reporting
- Date stamp on hour in rsfmon.log
- Reduction of default fend logging
- Added rsfmon -l <licence> checking option

Tidy Ups

- Update to rsfcdb sync.
- S20zfs property updates
- More mhdc multi-pathing detection changes
- Properties database honouring for no_zfs_sync_cache.
- Tidied up exit message in rsfrc
- Minor fixes to messages (single chevron rather than double etc.,)
- Changed \$RSF_OK to \${RSF_OK}

Portability

- rsfexec portability changes for startup time reporting.
- Added interfaces flag etc., for rsfcli
- Fixes for hac_date command
- rsfcdb relocatable code.

Platform Support

- Support for Solaris 11.1 HA ZFS lib.
- MySQLmon: start script changed - new mysql version has different start script
- Updates for Illumos Kernel
- Update for Solaris 10.5
- rsfcdb includes for linux.

Nexenta Specific Changes

- Added property for forcestart flag.
- New properties added for gui.
- Added restart of rpc/bind for forcestart.
- Added blockstart to rsfrc
- Added /do-not-start-ha checking in rsfmonrc.
- Added passwd and passwd.config files to package
- Added license check.
- Licensing code checks
- config_dist change message for removal of failed services
- New licensing code
- Install permission wrong on EULA