

SPM 5.2.7.6893 Release Notes

October – 2012

New Features/Enhancements

- Not Applicable

Deprecated

- Not Applicable

Discontinued or Removed Features

- Not Applicable

Major Issues Resolved

- User Interface “NAG” screen sometimes displayed even though the backend daemon processes were still running
- Temporary files created by a third party tool used to produce trends were not being removed properly

Bug Fixes

- Not Applicable

Upgrade Path

- Users upgrading to 5.2.7.6893 can upgrade from 5.2.6.xxxx, 5.2.5.xxx or 5.1.5.5062 SPM release.

SPM 5.2.6.6778 Release Notes

September – 2012

New Features/Enhancements

- Commands will no longer reside in tables for extended periods of time
 - SNMP & SNAP commands now have a timer and will expire if not executed
- Both failed and successful SNMP & SNAP commands will be logged
- Watchdog will restart backend daemons if they terminate for any reason
- User interface will notify the user via a “NAG” screen if the backend daemons are not running
 - System will be locked on the “NAG” screen until the daemons are restarted

Deprecated

- Not Applicable

Discontinued or Removed Features

- Not Applicable

Major Issues Resolved

- Not Applicable

Bug Fixes

- 2075 - Inventory reports not reporting hierarchal locations
- 2087 - Outlet Cluster - not showing total power/current with competitive devices
- 2088 - Reports – Outlet reports missing competitive device outlets
- 2089 - Trends – Outlet Cluster missing competitive device outlets
- 2090 - Cabinet Device with competitive device outlet not showing power/current
- 2091 - Trends – Cabinet Device total power/current missing for competitive devices
- 2099 - Backups – more than 5 backups are being kept
- 2114 - Existing trends could not be edited or show data after upgrade

Upgrade Path

- Users upgrading to 5.2.6.6778 can upgrade from 5.2.5.6549 or 5.1.5.5062 SPM release.

SPM 5.2.5.6549

August – 2012

New Features/Enhancements

- Competitive Devices Enhancements (device dependent)
 - Outlet control added for supported templates
 - Infeed name and threshold updating to device
 - Outlet name and threshold updating to device
 - Outlets can now be added to outlet groups\clusters
 - Outlets can be assigned security options
- Added Cabinet Devices feature
 - Cabinet Devices allow the user to create devices to represent equipment in the Cabinet and track the outlets used by that equipment
 - Cabinet Devices can be viewed from the Cabinet or via the Device Selection menu
 - Cabinet Devices can be found using the top search bar
- Added Cabinet Redundancy feature
 - Cabinet Redundancy allows the user the ability to see if the power provided to the cabinet will keep devices powered if either the A or B power source is lost
 - Added ability to designate CDUs Power Source as A or B when added to a Cabinet
 - Added Bar Graph to Cabinet Summary tab to visually represent Power Redundancy for that Cabinet
 - Added Redundant Status to Cabinet Summary tab and Cabinet lists
 - Added new reports (see Reports section of release notes)
- Trending enhancements/features
 - Readability improved
 - Trends now show min/max/avg for each line and period
 - added period to trend

- Supported trends allow for overlapping a second trend type
 - Support for period overlapping with other periods
 - Support for predictive analysis based on time periods in the past and future
 - Predictive analysis can generate alarms based on future trends
- Added SNMPv3 support for both STI and competitive devices
 - Device discovery supports SNMPv3 for STI products
 - Manual addition of STI and competitive devices supports SNMPv3
- Added the ability to configure a remote mount point for backups via SAMBA
- Added the ability to manage backup and firmware files directly from the web interface
 - Firmware File manager allows the user to upload, download or delete files in the firmware folder of SPM using the web interface
 - Backup Files manager allows the user to download or delete backups on the SPM using the web interface
 - Restore a Backup allows the user to upload a backup to the SPM via the web interface
- Support Tools enhanced
 - Support Package allow the user to run or schedule an information package that will be emailed to STI support to help diagnose problems
 - Communication Tests allow the user to Ping or SNMP Walk a device using SNMPv1,2 or 3
 - System Info provides SPM server system information on a page view
 - Hostname & IP address
 - Disk Space used & free
 - Memory used & free
 - Last backup date
 - Serial Number
 - Hardware Internal Sensor status – (does not apply to virtual servers)
 - Capability to restart services or reboot server on System Info tab
- Added 2nd trap destination field in System Setup
- Added STI CDU configuration options (GUI and API)
 - Added outlet Wake Up State and Post On Delay
 - Added CDU Sequence Interval and Reboot Delay
 - Added CDU area
- SNAP
 - Added the ability to modify SNAP template and send SNAP template to CDU using the API
 - Added the ability to send SNAP line item control at Cabinet, Zone and Location level
 - NOTE: this can circumvent internal checks and should be used with caution
 - See “Selected Update of SNAP Template Settings” in the online help for more information
- Enhanced the readability of log entries to make them more user friendly
- Console command line enhancements
 - Ldap – allows enable | disable of LDAP
 - Email – allows enable | disable of email
 - Whoami – displays the version, serial, and current user
 - Diskinfo – displays disk usage
 - Processinfo – displays current processes
 - Ping – initiates a communication test
 - Walk – initiates a SNMP walk
 - Backup – initiates a backup
 - License – displays license info

- Improved SNMP polling performance to only query needed data
- List View improvements
 - Added Predictive list tab for quick analysis of prediction data
 - Added Predictive option to Configure Threshold lists
- Reports
 - Enhanced Outlet Energy report location data now summed (locations include sub-location totals)
 - Added Cabinet U space report
 - Added Cabinet Redundancy report
 - Added Cabinet Device Inventory report
 - Added Cabinet Device Power report

Deprecated

- Not Applicable

Discontinued or Removed Features

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Major Issues Resolved

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Bug Fixes

- 1111/1165 - Added descriptions for log entries on scheduling actions
- 1263 - API - cdu dataLog - support location/cabinet/outlet group/outlet cluster power & load parameters
- 1274 - Display Active Tasks icon for backups
- 1603 - Added Telnet command line help
- 1628 - API: changed items in cabinet, location, cdu with incorrect data types
- 1653 - Add hostname to the backup file name to uniquely identify it
- 1677 - Fixed – Views - double clicking the "Configure" icon locks interface
- 1784 - Discovery/Adding devices no longer requires SET community string
- 1785 - Add ability to set CDU thresholds to CDUs within a zone
- 1848 - Updated - API - Manual missing settings fields
- 1856 - Fixed - SNAP - Unlocked CDU showing wrong text on button
- 1860 - Fixed - New Builds - SMTP enabled by default
- 1870 - Fixed - Edit/Create dialogs - export to XLS raw data does nothing
- 1890 - Getting Started Help View gets stretched on wide screen monitors
- 1952 - Fixed - Filtered Search Bar - Mouse over help disappears too quickly
- 1953 - Fixed - New User Report - No Help Menu Option

Upgrade Path

- Users upgrading to 5.2.5.6549 must be on the 5.1.5.5062 SPM release.