	n-Command MSP 8.1.1	
Release Notes	**Release Date: March 26, 2015**	**Notes Revision: April 8, 2015**

Important Note: Effective with version 6.1.3 n-Command MSP also uses TCP port 8443. If your n-Command server is located behind a firewall TCP port 8443 must be open to ensure proper operation. For a full list of ports that n-Command uses see the n-Command MSP Quick Start Guide

Enhancements

These are features that have been added since the last release

- It is no longer required to update the n-Command MSP application to support new device types
- Automatic Security Updates for MSP
- LLDP neighbor information is now displayed for devices
- Management ports and device check-in ports can now be separated
- Jobs may now be set to recurring
- Alert widget has been redesigned to improve performance

Resolved Issues

These are issues that have been resolved in this release

- When viewing VQM data the From and To numbers were reversed (vqmfrom and vqmto in the CSV export).
- n-Command MSP will not show a DNS failure alert in the alert history for a device.
- A period is appended to the end of an FQDN for a device in the devices page.
- Disabled SSLv3 by default o address the "POODLE" vulnerability (CVE-2014-3566). Added an option to allow user to manually enable SSLv3 if needed.
- Firmware jobs that fail due to lack of space may report as successful
- A job status may not properly update in some cases.
- Packet captures sent to n-Command MSP with an unsupported format are not silently dropped.
- Updated Bash to address CVE-2014-6271.
- If there would be no room to perform a Firmware push to a unit when a primary image was deleted, the image is still deleted though the job fails.
- OpenSSL was upgraded to address all OpenSSL Aug 6th, 2014 Security Advisories.
- An Install Config job will always show the file transferred amount as being 0%
- The "Potential Network Outage" MSP alert could not be changed from a value of 1 missed check-in.
- Assigning a Serial Number to a fresh install of n-Command MSP on VMware has been redesigned for simplicity.
- Input strings within a Configuration Template may not allow configuration creation without editing a field if they specify a default value.
- The alert for excessive MSP server log errors has been made more descriptive for an end user.
- Changes to the columns when selecting devices for a job are not saved.
- When running a device discovery job, the interface list does not display any options.
- When you create a Push Firmware Job, the "Primary Firmware" List Box Contents are not sorted
- If a captured SIP call has no caller ID information, PCASH exports from an AOS device to n-Command MSP will fail.

Errata

These are issues that were reported from the field or discovered during internal testing but were unresolved at the time of release.

- Upgraded OS packages to avoid Critical GlibC Vulnerability CVE-2015-0235. This can be applied by running security updates by going to the MSP admin dashboard and selecting **Settings->Security Updates** and installing the security updates package.
- Firmware upgrades create a false "Unsaved Config" alert.
- Performing a System Restart on the Admin page performs a server reboot instead of a n-Command MSP Service restart.
- Setting the SNMP server to use version 3 messaging causes no SNMP messages to be sent.
- File uploads fail when using HTTPS with Mozilla Firefox. This affects license certificate uploads, firmware file uploads, and config file uploads (for preinstall config jobs). The workaround is to use Internet Explorer.
- Clustering version 8.1.1 may result in UI errors