

# ORNMS – Release Notes

---

Firmware Version: **2.2.4 (20210731)**

## New Features & Enhancements

1. New Topology
  - a. New topology with better performance
  - b. State management implementation in tree
  - c. On Region selection the map shows the device count on each of the locations
  - d. On location selection the map shows the device count on each of the facilities
  - e. On facility selection the map shows the actual devices with links
  - f. The Map has a fixed window which shows the device details instead of info window
  - g. New element "Node View" is added on the device right click (Context Menu)
  - h. On Selection of "Node View" in context menu a new tab is shown which has the Node View of the selected node.
  - i. Rescan option for all the devices under facility in topology.
2. Node View
  - a. Updated Node view design
  - b. Removed left menu and all the properties are visible in a single section based on Wireless, Network, Management.
  - c. Graph design has been updated comes with a better view
  - d. Summary page shows graphs based on links.
  - e. display of showing connectivity between links on summary page map.
  - f. Saving properties based on section.
  - g. On saving properties displays the updated values as shown in device.
  - h. Able to revert or apply the changes on the particular device.
  - i. Device GPS & Altitude are shown
  - j. Wireless, Management and Network tabs will be disabled for down devices.
  - k. MAC ACL entries can be listed and updated in Node View.
  - l. Node View summary page shows the down time for the devices when they are down.
  - m. Showing the spectrum data in tabular form on graph selection.
3. Updated traps based on varbinds received from the devices
4. Inventory report with additional parameters
5. Added support for new country codes (US 5GHz Non DFS, US 5GHz ALL, US 4.9 GHz).
6. Added support for forwarding traps - > Wireless PPs, Ethernet status, Channel, Associated clients, Ethernet Mismatch.
7. Auto-Provisioning - Allows to create configurations for the existing devices or for devices even before they are discovered.
8. Hardware replacement - Allows change complete configuration for the new device with the configuration of old device.

9. Single installation file for installing ORNMS which installs required packages and also configures ORNMS.
10. Pagination is added to events section on Dashboard.
11. Default selection of AP for listing of data in the data section.
12. DCS features added in Node view -> Wireless section
13. Modifying Bulk file upload for accepting IP address instead of MAC address

### Bugs Fixed

1	Node View Summary a. Not showing country, show - if latitude & longitude is unknown.
2	PDF reports shows a. "null" in the header section of the linked pages.
3	Dashboard shows loader icon if navigated from down device node view.
4	Node Network a. Separate primary and secondary DNS.
5	Node Wireless View a. SU show empty channel when auto.
6	Retain scope option while navigating from Events a. Dashboard / Inventory reports
7	Node View a. Fixed on click "save" issue in properties across Wireless, Network & management tabs.
8	Auto provision creation for AP/SU fails
9	Discovery Page a. Fails to select all for un-provisioned device filter.
10	Bulk Tasks a. Fails to list the IP addresses on task selection.
11	Topology a. Link details information popup is missing after returning back from Node view.
12	Topology a. Throughput graphs are missing after returning back from Node view.
13	Bulk Section a. Firmware upload from device list in bulk section b. Scheduling for firmware upgrade using device list c. Scheduling for firmware upgrade using file upload d. While deleting any task in bulk sections pop up window containing IP was coming for that task
14	ORNMS service fails to start on New Installations of ORNMS in earlier versions
15	ORNMS installation package fails if Java Ver.9 and above already exists

### Known Issue

1	On changing scope option value in Dashboard/inventory. Events showing wrong count in inventory for down devices
2	Text Not changed for Base Station in inventory and events

3	On changing system name to IP or vice versa in topology tree Map is navigating to AP Device
4	sorting based on latitude longitude will not work
5	Sorting for IP address, Region in Dashboard, Discovery, Inventory
6	Sorting for Latitude and Longitude in inventory
7	Invalid Image for C-18 Model shown in Node view Summary
8	If Latitude, Longitude not present AP, SU representation on map in Node view may have an issue
9	For switches Latitude and Longitude not present, may cause an issue on location count on selecting region
10	Device count on selecting value in scope option
11	Topology - On searching IP address if tree structure not expanded properly may not show device
12	In chrome browser showing boundary around IP address in Link view
13	If only primary DNS is configured not showing value
14	If save button not working clear cache
15	Showing switch under SU filter
16	Sometimes (1 out of 20) wireless stats may remain at the bottom of Nodeview page when going to Nodeview from topology
17	For empty facility, location and region data in events and inventory section not handled properly
18	Pagination for groups for less number not handled