Entuity® Network Analytics (ENA) v18.0 Patch Notification

May 28th 2021

Technical Bulletin May 28, 2021

Version 2021.05.28

We are pleased to confirm the availability of **patch P07** for **ENA v18.0**, which has now been certified for customer use; further details of the benefits to be gained from this patch are set out in the table below.

Latest Patch Details

Improvements and Fixes

Functional Area	Platform(s)	Description
BMC PATROL for Entuity Server 2.0 Knowledge Module	All	Fixed an issue whereby the RESTful API call to api/dataAccess/TSOM did not return all required fields.
BMC Remedy AR System Integration	All	Fixed an issue in the method of event forwarding to the BMC Remedy AR System integration that requires the Entuity Remedy process to be enabled, whereby the Remedy process would exit soon after starting up.
Configuration Monitor	All	Fixed an issue that prevented users being able to create their own configuration retrieval tasks for objects belonging to a new type of manufacturer. Fixed an issue whereby action step details are not remembered when editing a configuration management task. Fixed an issue whereby the configuration management options in the right-click context menu did not fully populate for devices on remote servers.

Dashboards	All	Fixed an issue whereby dashboards would fail if their dashlets were configured to have their dashlet titles hidden and dashlet menu options not promoted to the main dashboard menu.
		Fixed an issue whereby Incident dashboards, SurePath dashboards, Service dashboards and the device Configuration Monitoring dashboard, the View SurePath incorrectly promoted dashlet menu options to the dashboard menu.
		Fixed an issue whereby the AP Antenna Summary dashboard, Aruba AP Antenna Summary dashboard and Trapeze AP Antenna Summary dashboards failed to render.
		Fixed an issue whereby an error would appear on the Configuration Management dashboard when users changed configuration to attributes.
		Fixed an issue affecting Views with a single quote ' in the name, whereby clicking 'Show Open Incidents' on the context menu of a device within the View would not then navigate the user to the Incidents dashboard.
Dashlets	All	Fixed an issue whereby unmanaged ports can be temporarily missing from the Port Summary dashlet.
		UI improvements to the Key Info dashlet.
		Addition of a warning message when a user specifies a URL dashlet to refer to any dashboard.
		Fixed an issue whereby the Key Info dashlet incorrectly reported the Active Oper% attribute for ports.
		Fixed an issue whereby the Device UpTime Known attribute on the Objects Attribute dashlet would show incorrect values.
Device Support	All	Addition of support for the following devices: ● Virtual Access Router

		● Raritan KVM ● Avaya Virtual Services Platform ● Ingrian KeySecure Addition of support for discovery of the following attributes: ● CDP topology between Cisco Nexus 7k and 5k switches. ● Memory for Dell Connectrix switches. ● Memory for stacked Cisco 3650 switches. ● Fan and power supply for HP Aruba stacked switches. ● Memory exceeding 4GB for Huawei CX600 series routers. ● TCP and UDP connection rates for Checkpoint firewalls. Fixed an issue whereby memory was incorrectly reported on managed host devices that support UCD-SNMP-MIB. Fixed an issue whereby LLDP topology discovery on Extreme devices caused high memory usage. Fixed an issue whereby temperature sensor status values were incorrectly reported on devices that support CISCO-ENVMON-MIB. Fixed an issue whereby Reboot Detected events were incorrectly raised on certain Checkpoint firewall devices. Fixed an issue whereby some long values retrieved from Cisco Viptela devices caused an SQL error.
Drop Box	All	Fixed an issue whereby adding attributes to the Drop Box from the Object Attributes dashlet resulted in the attributes having the wrong object type, i.e. an attribute for a device would be added as an attribute for a View.
Event Management System	All	Addition of a 255-character limit to the 'Reason' field when creating an event suppression.

		Fixed an issue whereby port status events were not being raised.
Flow	All	Fixed an issue whereby changes to flow or flow management ports made when running configure were not saved to entuity.cfg. Fixed an issue affecting the Flow dashboard whereby users could not filter hosts by IP address in the range above 128.X.X.X.
General Performance Improvements	All	General performance improvements.
General UI/UX Improvements	All	General UI and UX improvements. Corrected the color used for services in the state 'None' in the 'Service Summary' chart on the Services dashboard from gray to light blue.
Maintenance Mode	All	Fixed an issue affecting the maintenance schedule whereby times past 12pm would be incorrectly marked as inactive.
Maps	All	Fixed an issue whereby the Open Map in New Tab functionality did not work.
Reporting	All	Fixed an issue whereby the Service Availability report could produce incorrect figures accompanied by missing Status column information. Fixed an issue whereby the IP SLA Details report did not include all possible results. Fixed an issue whereby the Device Uptime report could incorrectly report periods of down time where data is polled faster than the specified frequency. Improvement to CSV export of reports. Fixed an issue whereby the Polling Diagnostic

| | | report would return incorrect results when the stream job duration was very close to the polling interval time.

Fixed an issue whereby certain custom reports did not run correctly when two or more servers were selected.

Fixed an issue preventing objects being dragged from the dropbox or another window into a time series chart report.

Fixed an issue affecting the Network Delivery Summary report whereby integer overflow for large periods could produce negative values.

Fixed an issue affecting user-defined reports that could cause errors when null data is reported.

Fixed an issue affecting 'From' and 'To' calendars when generating Flex Top N reports, whereby if a month-end date is selected then it might be changed to the first date of the following month. This would only happen if the month the user is currently in has fewer days than the month they were selecting.

Fixed an issue whereby Spanning Tree reports could fail due to changes in the behavior of Jasper reports and Groovy script. |
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| RESTful API | All | Addition of more efficient RESTful API calls to list the objects in a View. |
| Security Updates | All | Fix to protect the Map dashboard, remote terminal page and all dashlets from cross-site scripting vulnerability.

Fixed a security issue whereby tomcat default error messages were still sometimes displayed.

Fix to protect VM platform management from SQL injection attack.

General security improvements. |

SurePath	All	Improvements to handling of ICMP redirect messages for the Entuity tcp traceroute agent. Fixed an issue affecting batch thresholds, whereby if the limit was set to 100% and the threshold reached 100%, then an event would not be raised. Now an event is raised in this case.
System	All	Fixed an issue whereby rolled logs were recorded in the incorrect order.
Virtualization	All	Fixed issues causing exceptions to be thrown when polling VMWare. Fixed an issue whereby the 'Powered On/Off' state for virtual machines was incorrectly flapping for Hyper-V virtual machines that are duplicated across hypervisors in failover systems.

Notes

ENA is supplied with the RSSO client version 20.02.00. Your RSSO client version should not be greater than the RSSO server version. Please contact Entuity support if your RSSO server version is less than 20.x in order to obtain a compatible RSSO client.

Please refer to the [Knowledge Base](#) on the ENA Help Center for help and information on functionality added in this patch.

Entuity recommends that all servers in a multi-server configuration run the same patch version.

Downloading Patches

Patches for all supported platforms are available from the Entuity FTP site: ftp.entuity.com/

The site is arranged into separate directories for each Entuity version, operating platform and patch number. Each directory also includes a readme file and any other relevant documents, including checksums, which you are advised to verify before applying each patch. Patches must always be applied via the Patch Installer, which will ensure they are applied in a consistent and reliable manner.

Access to the Entuity FTP site requires a valid username and password that can be obtained from Entuity Support. For added security, the FTP site requires connection via SFTP.

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