Entuity® Network Analytics (ENA) v17.0 Patch Notification

October 4th 2018

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Version 2018.10.04

We are pleased to confirm the availability of **patch P02** for **ENA v17.0**, 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

New in v17.0 P02

Functional Area	Platform(s)	Description
BMC single sign on integration	All	Addition of the Remedy Single Sign On (RSSO) integration to enable single sign on for BMC products.
Dashboards	All	Addition of new system dashboards for wireless devices - WLAN and WAP dashboards.
General UI/UX Improvements	All	Introduction of a dark theme UI.

Improvements and Fixes

Functional Area	Platform(s)	Description
Account Management	All	Fixed an issue that meant when a user was deleted, all top-level Views owned by them were deleted as well. Now, when a user is deleted, their My Network View is removed, but no other Views.
Audit Log	All	Fixed an issue whereby the date range filter in

		Audit Log was not working correctly.
Auto Discovery	All	Fixed an issue whereby Auto Discovery dialog did not validate entries in included/excluded IP addresses. Fixed an issue whereby candidate devices with a DNS name were not removed from the Auto Discovery list of discovered devices list after adding them to the inventory.
Configuration Management	All	Enhancement to Configuration Management and Configuration Monitor so that they can now accept a list of SSH Security algorithms for a Configuration Management task. Fixed an issue whereby the correct View objects were not identified when running a Configuration Management task against the parent View.
Context Menus	All	Improvement to object Context Menus to now include View/Edit thresholds, Create Service, and Add to Service.
Dashboards	All	UX/UI improvements to the IP SLA dashboard. Fixed an issue affecting the Ports dashboard. If a View has a domain filter that excludes ports, then the Ports dashboard will now not populate its dashlets. Fixed an issue affecting the performance and memory usage of dashboards containing a chart dashlet with the wrong object type context. Improved performance of View contents queries for larger Views. Various improvements to create dashboard UI/UX, including: ● support to select more than one context type in the 'Applicable for' field. ● enabling users to add headers to the sections in a dashboard with the 'Layout' set to 'Scrolling'.

		● Giving a warning if the user navigates away from the dashboard editor with unsaved changes. ● better dashlet behavior when different contexts have been selected, and fixes to dashlets that did not correctly output their contexts to other dashlets. ● Fix to an issue whereby dashlets did not correctly report their context in the Dashboard Editor.
Dashlets	All	Fixed an issue that prevented the Map dashlet from loading. Fixed an issue that caused the Map dashlet to incorrectly show links that were unselected in the map options. Fixed an issue where certain attributes in the Attributes dashlet would display a large number of decimal places. Fixed an issue whereby the table filter caused the Attributes dashlet to return no results. Fixed an issue in the Attributes dashlet whereby it was not possible to view the history of non-graphable attributes. Fixed an issue whereby the Traceroute dashlet would display an empty table and chart. Fixed an issue whereby some data was missing from the Associations dashlet. Fixed an issue whereby the status column in the VM Summary dashlet did not sort. Fixed drag and drop issues affecting the Service Components and Device Applications dashlets. Fixed refresh issues affecting the Configuration Settings, Configuration Status and Object Associations dashlets.

		Fixed an issue that caused the Collecting column in the Flow List dashlet to display 'No'.
		Fixed an issue impacting column sorting in the View Contents dashlet.
		Fixed an issue that caused inconsistency between the Service States dashlet pie chart and its associated Breakdown Table.
		Fixed an issue whereby the Service Components dashlet did not correctly supply context to any dependent dashlets.
		Improvements to the Key Info dashlet, so that it now retrieves multiple values for a single attribute, and enabling users to create, edit and delete annotations from the dashlet.
		Fixed drill down issues with some dashlet pie charts, including drilling down into a selected severity on an incident pie chart, and drilling down into Breakdown Tables.
		Fixed an issue affecting the cause of a status in the Service List dashlet.
		Fixed an issue where the Port List dashlet did not display status.
		Added 'Check Configuration Now' button to both the Device Configuration Summary dashlet and the Device Configuration dashlet. This enables the user to refresh the configuration details in the dashlet.
		Fixed an issue whereby the Incident dashlet would not exclude specified incidents.
		Fixed an issue affecting the QOS dashlet, whereby selecting an invalid context would result in the display of the chart for the previous context.

		Fixed an issue whereby entries would not display when there were no initial filters.
		Various improvements to dashlet Overflow Menus and Settings forms UI.
		Fixed an issue whereby ticker charts would crash when probed by a port scanner.
		Improvements to enable filters on all tables in dashlets.
		Fixed an issue that affected number range filters.
		Improvement to tables so that a temporary 'Busy' notification appears when the table is still awaiting data from the server(s), rather than a temporary 'No Items' notification.
		Improvements that enable users to display thresholds on charts in dashlets. Please refer to the Knowledge Base for a full list of the supported thresholds.
		General improvements and fixes to chart, table and form UI.
		Dashlet performance improvements.
Data Export	All	Fixed an issue that caused data export jobs to fail if they included User Defined Attributes.
Event Management System	All	Improvement to the handling of syslog messages received by the ENA syslogger process, so that the originating IPv4 source address can be identified where relaying has occurred. The address will be used by the EMS when it creates the ENA event/incident.
		Fixed an issue whereby event suppressions were not applying until after a server restart.
Flow	All	Fixed an issue that prevented display of data for IPFIX flows.

General UI/UX Improvements	All	Various improvements and fixes made to: • MIB parsing. • dragging objects into the MIB Browser and into a chart in a new window • performance across Internet Explorer and Edge. Fixed an issue whereby long strings in dropdown notification and error alerts from the top of the browser would not wrap. This meant the close button was not visible.
Manual Topology	All	Fixed an issue that caused the User Defined Connections page to break if any of the StormWorks object IDs were unresolved.
Polling	All	Improved support for SNMPv3. UI improvement through adding an option for users to unmanage and remanage ports, wherever ports are shown.
Reporting	All	Fixed an issue affecting drill-down links in the network delivery perspective. Fixed issues that caused the Device TopN report to display incorrect data. Fixed an issue that caused composite reports to stop working.
RESTful API	All	Fixed an issue affecting the RESTful API DataAccess, whereby certain characters were not being correctly escaped when the output format was JSON.
RESTful API & LDAP	All	Fixed an issue whereby My Network groups and View permissions were not updated when groups were updated using RESTful API or during LDAP login, or when users were deleted using RESTful API.
Security Updates	All	Updates to include the latest security fixes and updates.

		Security improvements. Fix to permissions. Code signing certificate updated to include install, configure and patch install Windows executables.
Services	All	Fixed an issue whereby error messages would not appear if a user without the target View edit permission tried to add a service to, or remove a service from, that View. Only users with access to a service can now edit it. Removal of service owner's special permissions on that service. Services created in non-consolidated mode are now defaulted to the server context the user is currently in. Addition of the Key Info dashlet to the service Summary dashboard. Improvement to text placeholder interpolation to support the logged in user's username. Fixed an issue whereby the services page of the BMC integration would show individual services multiple times if they appeared in more than one View. Creating or editing a service now refreshes the whole dashboard in which it is seen, rather than just the Service List dashlet. Fixed an issue that caused remote service components to behave incorrectly, e.g. not linking to the remote object. Fixed an issue whereby adding multiple components to a service failed if one component is invalid.

| | | Deleted remote service components will now be cleaned up automatically.

Services now raise events by default.

Restriction of the type of objects that can be added to a service, so that only objects types whose status would impact a service can be added.

Improvements to service server selections, and fixed an issue whereby service components on a remote server broke the Explorer.

Improvements to service and sub-service parameters logic.

Fixed an issue that prevented StormWorks-only objects from appearing in a View by virtue of being in a service.

Changed the default service type to 'And' rather than 'None'.

Various UI/UX improvements to services, including:
● creating, editing and removing services.
● display of service components. |
|---|---|---|
| Thresholds | All | Improvements that enable users to set thresholds for multiple objects. |
| User Defined Polling | All | Fixed an issue whereby the attribute and collector tabs would display an error if a remote server was selected.

Fixed an issue that prevented a user from editing a user defined attribute.

Fixed an issue where user defined attributes in the Attribute dashlet displayed duplicate values.

Fixed issues whereby User Defined Attributes were not functioning correctly in the web UI. |

Views	All	Fixed an issue whereby a View server refresh was not triggered, when a user's access to a Subview belonging to a parent View for which the user does not have access was changed.
Virtualization	All	Optimized polling of Amazon Web Services and Microsoft Azure, for greater scalability across both platforms. Improved compatibility with AWS CloudWatch monitoring.

Note

Users should be advised of a limitation in P02 that means all servers in a multi-server configuration must run the same patch version. A multi-server configuration will not run with v17.0 GA and P01.