



ENTUITY
SOFTWARE™

Entuity v19.0 Patch Notification

April 25th 2022

Technical Bulletin April 25, 2022

Version 2022.04.25

We are pleased to confirm the availability of patch P06 for Entuity v19.0, 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

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

Functional Area	Platform(s)	Description
Asset Management	All	<p>Fixed an issue whereby adding or modifying a device that has local credential(s) containing quote marks and/or non-ASCII characters would fail. Now, quote marks and non-ASCII characters are supported.</p> <p>Fixed an issue whereby overriding the credentials of a discovered server device would incorrectly set HW credentials rather than OS credentials.</p> <p>Fixed an issue affecting devices with local credentials that failed to add due to an invalid username/password, whereby if a user attempted to modify the local credential then the device would be left in a failed state and Asset Management would not retry to add it with the new</p>

		<p>credentials.</p> <p>Fixed an issue whereby devices could not be taken under management using an SSH key.</p>
Configuration Monitor	Linux	Fixed an issue whereby it was not possible to enable configuration management on server and storage devices.
Configure	All	Fixed an issue whereby CA certificate files were not copied in the JRE key store during configure. As a result of this fix, the JRE store will always be updated upon upgrade as expected.
Credential Management	All	Improvement so that credential keys can now be up to 4096 characters in length.
Dashboards	All	Fixed an issue that sometimes caused the lower part of charts to be missing on the Flow and NBAR dashboards at certain window sizes.
Dashlets	All	<p>Fixed an issue affecting some charts that were opened in a new tab, whereby editing the time frame to a range (from – to) would by default incorrectly display dates from 2018/19.</p> <p>Fixed an issue whereby the legend for a Port Utilization chart dashlet did not display port bandwidth.</p> <p>Improvement to the display of charts opened in a new tab.</p> <p>Fixed an issue affecting the sorting of some dashlets containing a table, whereby the ascending and descending</p>

		<p>sorting was incorrectly reversed. The dashlets affected were Events List, Incidents List, Object Attributes, Object Associations, and Service Summary.</p> <p>Fixed an issue affecting the Flow Data dashlet in bar chart mode whereby a popout information dialog would not appear when hovering the mouse over the data in the chart. This has now been fixed so that the popout information does appear.</p>
Device Support	All	<p>Addition of support for Suse Linux Enterprise Server version 11 SP4.</p> <p>Fixed issues affecting wireless controllers, whereby associated devices were not being successfully taken under management in the following cases:</p> <ul style="list-style-type: none"> • If a database that already contained wireless access point objects was upgraded from version 18 or earlier to version 19. This fix provides a process for removing the previously existing access points and aerials. • If a user managed associated assets after the device was added and not at the time of adding the device. <p>Addition of support for Cisco Async Speed on Cisco devices.</p>

		Fixed an issue affecting collection of duplex status data for DataDomain devices.
Event Management System	All	<p>Change (to fix an XSS vulnerability) so that an Event Project can now no longer be saved and deployed if its description contains any of the following characters:</p> <ul style="list-style-type: none"> • < • > • \ <p>Change so that newly created global triggers will now default to 'enabled' rather than 'disabled',</p> <p>Addition of a new column titled 'E' to the Incidents tab table under the Event Administration page and the Global Trigger dialog to indicate enabled status.</p> <p>Fixed an issue whereby Port Status events could be missed on ports of devices that had reachability problems.</p> <p>Fixed an issue whereby the specified reason for an event suppression is empty when editing it from the Event Suppressions page. The reason is now displayed as expected.</p>
Flow	All	<p>Addition so that Entuity flow collectors can now interpret deltas as an absolute flow value.</p> <p>General multi-server improvements for the display of flow data.</p>
General UI/UX Improvements	All	Improvement so that the device name and, where applicable, port name is also

		included in the hover tooltip on charts.
Licensing	All	Fixed an issue whereby the License Health page showed an incorrect expiry time for an unlimited configuration management or associated device license key.
Maintenance Mode	All	Change to the display names of virtual stream device attributes that are also applicable to devices in Maintenance Mode, to differentiate them from their equivalent non-Maintenance Mode attributes.
Maps - Topological Maps	All	Fixed an issue affecting the Utilization overlay of Topological Maps, whereby the incorrect color was used for links between objects without an inbound utilization attribute.
Polling	All	Fixed an issue that caused SNMP polling failures for a short while immediately following an upgrade. Fixed an issue affecting the formatting of IPv6 addresses.
Reporting	All	Fixed an issue affecting the Infrastructure Availability report, whereby incorrect values for device reachability and uptime were displayed when running the report for multiple devices.
RESTful API	All	Fixed an issue whereby password changes were not immediately picked up by the RESTful API. Password changes are now picked up immediately.

		<p>Addition of support for external IDs when creating events (POST request) for /api/events, enabling users to specify extra identifiers or custom event attributes in an event.</p> <p>Fixed an issue whereby POST XML requests for /api/events would throw an error and consequently no event would be raised in the UI if the comp ID was part of the request.</p>
Security Updates	All	<p>General security updates and improvements.</p> <p>Apache HTTPD updated to latest version 2.4.53.</p>
System	All	<p>Updated to openjdk v11.0.13.</p> <p>Updated to jquery library v1.12.4.</p> <p>Fixed an issue that very occasionally caused one of the log file writers to crash.</p> <p>Update to the default encryption ciphers and cipher suites allowed in TLS, including the removal of TLS1.1 support and the addition of TLS1.3 support.</p>
User Defined Polling	All	<p>Change so that the name of a user defined attribute cannot contain a hyphen ' - '.</p>

Notes

Entuity 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.

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.

Support Contact Details	
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