



ENTUITY
SOFTWARE™

Entuity v23.0 Patch Notification P03

October 13, 2026

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Version 2026.10.13

We are pleased to confirm the availability of **patch P03** for **Entuity v23.0**, 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.

Notes

Entuity recommends that all servers in a multi-server configuration run the same patch version. It is recommended to merge your deployed EMS project with the latest one in the patch after installation to ensure any fixes or new events/incidents within the EMS system are deployed.

Please note, as of **Entuity v23.0 P01 upwards**, each patch will contain all fixes and changes introduced in prior patches. As such, there will be no need to install patches in sequence. Rather the latest patch can be installed directly as each patch is a complete ISO image and there is no longer an **installPatch** utility.

To install the latest patch, the same steps as installing or upgrading Entuity to a new major version should be used, which requires mounting the ISO, running the installer executable, followed by running **configure**. Please see the "Entuity Upgrade Process" section at the end of this document for further information.

Important Note for Custom Event Engine Files

As of **Entuity v23.0 P03**, there is a new field within the `event-engine-cfg-template.properties` file to support the new Multi-State Suppression EMS Rule. If you have a custom `event-engine-cfg.properties` file on your Entuity server, you must manually update this file to include the new field or the eventEngine cannot start which will cause Entuity to stop during startup. Please see below for further information.

To update the `event-engine-cfg.properties` file:

1. Navigate to the `entuity_home/etc` directory on your server and open both files.
2. Copy and paste the following lines from the end of the `event-engine-cfg-template.properties` file to the `event-engine-cfg.properties` file.

```
# The duration since the last update to the MultiState rule state after  
which the state can be discarded  
msRuleStateTimeoutSec = 172800
```

3. Save the `event-engine-cfg.properties` file.

Latest Patch Details

Improvements and Fixes in P03

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

Functional Area	Description
Asset Management	New functionality within the "Associated Assets" page to now include "Stale Asset" and "Discover WAPs" buttons for applicable devices. - The new "Stale Asset" option will force the selected WAPs into a StormWorks stale state, circumventing the default grace period of 1 week, so they are no longer seen in the web UI and release the license credit it had consumed. - If WAPs are in a "Managed (Pending)" or "Failed (No License)" state, a user can unmanage them via the "Stale Asset" button followed by the "Discover WAPs" button to progress the discovery process of those selected. Please note, the "Discover WAPs" button will circumvent 3 discovery cycles which puts a computational overhead on the server so this option should not be used as the default method of managing WAPs.
Autodiscovery	Improvements made to WinRM autodiscovery support.
Configuration Management	New configuration management and monitoring support for Juniper devices. Fixed an issue whereby setting a schedule's end date would trigger an error stating "End time cannot be set in the past".
Configure/Installation	Enhancement to now include an option to enable legacy TLS_RSA_* cipher suites. On upgraded systems this is true by default to preserve existing connections, on new systems the default is set to false. Fixed an issue whereby the Entuity service could not be stopped when configured to run as a non-root user.
Dashboards	Fixed an issue where Root Cause Analysis incidents were not being displayed consistently across dashlets. Fixed an issue whereby a user's minimum or maximum values could be reset when editing a gauge dashlet.

	Fixed an issue affecting pie charts whereby selecting a null labeled segment would open a breakdown of all items rather than the null ones. Fixed a usability issue whereby the chart on the Summary dashboard of a SurePath Path would display failed polls as red bars in a way that made the successful polls on the same chart unreadable.
Device Support	Fixed an issue whereby MAC addresses would not be shown for Cisco Access Points that transitioned away from the parent controller. Fixed an issue whereby polling of metrics could be delayed when the "ifIndex" of the ports had changed. Fixed an issue whereby sensor SFP power units of measure were inconsistent in events compared to the attribute.
Entuity Agents	New support for Entuity Agents to be installed on Debian Linux . Fixed an issue whereby certain site-specific files were not preserved because they used a "site_specific" prefix instead of the standard "_site_specific" suffix. The update process now includes an exception safeguarding these files. Please note, a script template is provided that deploys the updated agent-updater package followed by restarting the collector service on the Entuity Agent. The certificate validation setting on Entuity Agents was reverted to "trust all" by default. Please note, this is a temporary rollback to maintain operational stability across connected monitoring modules while a less disruptive, permanent security solution is developed.
Events	New Multi-State Suppression event rule in Event Administration that allows users to reduce event noise by holding multi-state events and only raising an event when cumulative duration thresholds across configured severity levels are met within a rolling time window. Improvement to User Defined Thresholds to allow IP SLA custom thresholds to be defined.
Flow	Improvements made to Breakdowns where the default Breakdown now includes the Source IP group and a modified form for non-Premium flow servers to only allow selecting one Breakdown group as limited by the applied license.

	Fixed an issue whereby the default flow breakdown was inaccessible to non-Premium flow users, and no flow data was being displayed.
GPU Monitoring	New functionality for in-band monitoring of AMD, Intel, and NVIDIA GPU on servers through their operating system via SSH with vendor specific or an auto connection method. Monitored information and metrics include GPU inventory, utilization, temperature, memory, power, clocks, PCIe throughput, and ECC errors. • NVIDIA support includes MIG instances, compute instances, NVLink, and NVSwitch. • AMD support includes partitions and XGMI links. • Intel support includes SR-IOV functions and Xe Link or Gaudi ports. New functionality for out-of-band GPU monitoring on servers with Redfish REST APIs. Monitored information and metrics where applicable include GPU and memory temperature, power usage, clock speed, memory bandwidth, memory speed, memory utilization, PCIe link speed, and correctable errors. SM utilization, tensor-core activity, PCIe bandwidth, and NVLink throughput are also monitored on applicable servers with Nvidia GPUs. Collectors with out-of-band GPU monitoring support are the following: • Dell iDRAC (REST) • Gigabyte (REST) • HPE iLO (REST) • Intel Servers (REST) • IBM/Lenovo XClarity IMM (REST) • Supermicro BMC (REST)
IPAM	Improvement where updated DNS names are displayed for previously discovered IP addresses.
Maps	Fixed an issue whereby the status icon of VMware hypervisors would not reflect the current status on topological maps.
REST API	Improvement to the "userGroup" REST API to return an informative 400 response when a user attempts to create a duplicate user group. Improvements to the Web Apps endpoint, for both JSON and XML, where the message results are returned for DELETE requests and an items collection with the WebApp ID is returned for POST, PUT, or GET responses. Fixed an issue whereby XML requests for Web Apps were not working correctly. Please note, the body of an XML request requires the Entuity WebUI namespace: http://www.entuity.com/schemas/webUI

	Fixed an issue whereby the endpoint for setting StormWorks attributes would not complete successfully.
Security Enhancements	Enhancement where users can now customize and override case-sensitivity behavior for user logins and external group mappings for external authentication providers (LDAP, SAML, or RSSO) through a new configuration setting in entuity.cfg. e.g., <pre>[auth] caseSensitiveUserAuthentication=false caseSensitiveGroupMatching=true</pre> Fixed an issue whereby absolute RelayState URLs configured in SAML settings caused authentication failures or posed potential session-leak risks. The system now validates absolute URLs to prevent external redirection, logs rejected targets in tomcat.log file and safely route users to the home page or provides a descriptive error.
SurePath	New support for SurePath Agents to be installed on Debian Linux.
UI	Fixed an issue whereby the "Impersonate" feature would not navigate to the user's homepage if a custom homepage was in use. Fixed an issue affecting the asset management page where right clicking will show an empty dropdown menu. Fixed an issue whereby SNMP response time charts would plot a line at 0ms rather than no line when there is no response. Fixed an issue whereby the "Last Closed" field was populated with an incorrect value when the incident had not been closed before. Fixed an issue whereby the "Port Traffic For Device" and "Port Traffic For View" dashboards no longer appeared at the top of the dashboard list if the dashboard order for a category had been modified under Dashboard Configuration. Please note, new system dashboards are now placed next to the dashboards they follow in the standard order, and the rest of the customized order is unchanged. Fixed an issue whereby certain regular expressions would not be matched when used to search.
User Defined	Improvement to proxy configurations where users can now define host exceptions, wildcards, or local addresses in entuity.cfg via the -Dhttp.nonProxyHosts parameter. e.g., <pre>-Dhttp.nonProxyHosts=localhost 127.* *.internal.example.com</pre> Enhancements made to User Defined REST pollers to support a wider range of data structures such as maps to support using a key to parse information for attributes.

	New functionality for processing polled values as a delta or a rate. Fixed an issue whereby calculations on interpolated values within User Defined Pollers were sometimes incorrect. Fixed an issue whereby User Defined Device Type attributes were presented an option to make them graphable when not applicable. Fixed an issue whereby User Defined Pollers processing XML input sometimes generated invalid groovy expressions. Fixed an issue whereby multi-step User Defined Pollers could lose interpolated values in their API paths during editing. Fixed an issue whereby thresholds were incorrectly applied for threshold level LOW. Fixed an issue whereby certain entuity.cfg variables such as the limit on the number of pollers did not make it through to the UI. Fixed an issue whereby User Defined Poller/Receiver data was sometimes exposed even if the user had selected to hide it.
Virtualization	New functionality where users can now override VMware polling to skip the ESXiNetFolder that persists through patch upgrades through a new configuration setting in entuity.cfg. e.g., <pre>[vmware] skipESXiNetFolder=true</pre> Fixed an issue whereby monitoring of a VMware vCenter or ESXi host via HTTP redirect would result in an error. Fixed an issue whereby unencoded special characters (such as and &) in query parameters triggered errors in virtualization logs.
Vulnerability Monitoring	Fixed an issue whereby setting a schedule's end date would trigger an error stating "End time cannot be set in the past". Fixed an issue whereby invalid calendar entries for Vulnerability Monitoring job schedules would silently fail.
Webhooks	Enhancements to Webhooks where custom webhooks can now be configured for Multi-Server environments when created on the consolidation server and placed in a Configuration Set to be synchronized across the environment via the web UI or REST API. New functionality to support importing and exporting custom webhook configurations to a file via the web UI or as a response output via REST API.

Server/Storage Device Support Improvements & Fixes

Collector	Description
Accelsius NeuCool (REST)	New Collector Accelsius NeuCool (REST)
Cisco UCS C (REST)	Improvement to now collect Life Remaining statistics on SSDs.
Cisco UCS Manager (XML)	Improvement to now collect fan max speed and to now collect Life Remaining statistics on SSDs.
Dell CMC (SSH)	Fixed an issue where some devices would fail to pass the collector selection step incorrectly.
Dell iDRAC (REST)	New Device Support Dell PowerEdge XE8640 Improvement to now collect Life Remaining statistics on SSDs. Improvements made to differentiate physical disk predictive failure events from standard component state problem events more accurately. Fixed an issue where disk controllers could have incorrect part numbers and serial numbers.
Dell iDRAC (SNMP)	New Device Support Dell PowerEdge XE8640 Improvement to now collect uptime as part of the enclosure's state detail, the drive count on DPE's, and Product Name of monitored ports. Fixed an issue where certain physical disks would return an incorrect value for speed.
Dell MX (REST)	Improvements made to status details of IO Modules, monitor the motherboard of blade servers, and collect hostnames/descriptions on the enclosure or blade servers. Improvement to now collect Life Remaining statistics on SSDs. Fixed an issue where instance associations could fail and cause objects to overwrite or have missing data.
Dell PowerVault ME (REST)	Enhancements to collect more information on various components such as the Enclosure service tag, Enclosure Midplane Serial Number, Drive Count on the Enclosure/DPE/SP, CPU type on the DPE, and Storage Pool type.

	Improvement to now collect Life Remaining statistics on SSDs. Fixed an issue where a Component Error event would not be raised on disks in a RAID array that had invalid metadata.
EMC DataDomain (SNMP)	Fixed an issue where Size Allocated and Provisioned Used metrics could be incorrectly calculated.
EMC Isilon (SSH)	Fixed an issue that could cause disk block size, size, and type attributes to not be displayed.
EMC Unity (REST)	Improvements made to state and state detail of physical disks and Fast Cache status to be reflected more accurately. Fixed an issue where enclosure capacity metrics could be omitted on certain devices and Used Capacity Percent to not be collected on Storage Pools.
Gigabyte (REST)	New Collector Gigabyte (REST)
HP 3PAR (WBEM)	Improvement to Physical Disk status details to now report additional information that can be used to determine the "servicemag" status. Improvements to now collect provisioned capacity on storage pools and predictive failures on physical disks. Fixed an issue where remaining capacity could show as a negative value on the Summary Dashboard on systems that had thin-provisioned disks and over-provisioned configurations.
HP Nimble (SSH)	Improvement to now collect Life Remaining statistics on SSDs.
IBM/Lenovo XClarity IMM (SNMP)	Improvement to now collect Life Remaining statistics on SSDs.
Intel Servers (REST)	Improvement to now collect Life Remaining statistics on SSDs and collect more information on the enclosure more reliably such as the name, board and baseboard serial numbers as spare part numbers, and SKU.
NetApp (SNMP)	Fixed an issue whereby gathering physical disk information could be incomplete on larger systems.
OS IBM AIX (SSH)	Improvement to collect paging statistics on the Operating System. Fixed an issue where Free Memory was incorrect due to FS Cache being excluded from the calculation.
OS Linux (SSH Local)	Improvement to now collect paging statistics on the Operating System.

Proxmox Virtualization (REST)	Fixed an issue where API keys containing certain special characters or utilizing certain realms could fail to authenticate.
PureStorage (REST)	New Device Support • EverPure (PureStorage) FlashArray R3 • Support for devices using up to version 2.54 of the REST API Fixed an issue where LUN size could sometimes be incorrectly displayed and unpopulated slots could be created as components.
Supermicro (REST)	New Device Support: • Supermicro SuperServer AS-1114S Improvements made to now monitor CMOS battery sensors and NVMe storage controllers. Improvements to and collect additional information on various components such as manager firmware, physical disk speed where applicable, Life Remaining statistics on SSDs, as well as memory location, speed, and type.
Zutacore HyperCool (HTTP)	New Collector • Zutacore HyperCool (HTTP)

Entuity Upgrade Process

Upgrading to and installing **Entuity v23.0 P03** is the same process whether upgrading from Entuity v22.0 P11, Entuity v23.0 P01, or Entuity v23.0 P02.

1. Stop the Entuity server and take a backup.
2. Run **install** to install Entuity over the existing install.
Please note, you must run **install** as administrator from the command prompt.
3. Run **configure** and update the license file to point at the new install.
4. Restart the Entuity server.
5. Deploy the updated Event Management System (EMS) event project or apply the changes within it to your current project.

For additional information on supported OS versions, minimum server specifications, and additional information regarding migrating to **Entuity v23.0**, [please see this article](#).

Downloading Patches

Patches for all supported platforms are available from the Entuity FTP site. 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.

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.

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