

# Unified Assurance and Analytics **Release Notes**

## Table of Contents

BluePlanet UAA Release Notes .....	1
Publication history.....	2
Compatibility .....	3
Bug Fixes 23.08.64.....	4
Open/known issues in release 23.08.64.....	5
Limitations .....	8
Bug Fixes 23.08.61.....	9
Open/known issues in release 23.08.61.....	11
Limitations .....	14
Bug Fixes 23.04.59.....	15
Open/known issues in release 23.04.59.....	17
Limitations .....	20
Bug Fixes 22.12.60.....	21
Open/known issues in release 22.12.60.....	23
Limitations .....	25
New and Updated Features 23.08.58.....	26
Open/known issues in release 23.08.58.....	32
Limitations .....	35
Bug Fixes 23.04.55.....	36
Open/known issues in release 23.04.55.....	38
Limitations .....	41
Bug Fixes 23.04.51.....	42
Open/known issues in release 23.04.51.....	44
Limitations .....	47
Bug Fixes 22.12.55.....	48
Open/known issues in release 22.12.55.....	50
Limitations .....	52
Bug Fixes 22.02.85.....	53
Open/known issues in release 22.02.85.....	55
Limitations .....	57
New and Updated Features 23.04.46.....	58
Open/known issues in release 23.04.46.....	63
Limitations .....	66
Bug Fixes 22.12.53.....	67
Open/known issues in release 22.12.53.....	69
Limitations .....	71
Bug Fixes 22.02.83.....	72
Open/known issues in release 22.02.83.....	75
Limitations .....	78

Bug Fixes 22.12.49.....	79
Open/known issues in release 22.12.49.....	81
Limitations.....	83
Bug Fixes 22.02.80.....	84
Open/known issues in release 22.02.80.....	85
Limitations.....	88
New and Updated Features 22.12.45.....	89
Open/known issues in release 22.12.45.....	97
Limitations.....	100
Bug Fixes 22.02.76.....	101
Open/known issues in release 22.02.76.....	103
Limitations.....	106
Bug Fixes 22.02.68.....	107
Open/known issues in release 22.02.68.....	108
Limitations.....	113
Bug Fixes 22.02.65.....	114
Open/known issues in release 22.02.65.....	116
Limitations.....	121
Bug Fixes 22.02.60.....	122
Open/known issues in release 22.02.60.....	124
Limitations.....	131
Bug Fixes 22.02.55.....	132
Open/known issues in release 22.02.55.....	134
Limitations.....	141
New and Updated Features 22.02.44.....	142
Open/known issues in release 22.02.44.....	145
Limitations.....	152
License Server.....	153
LEGAL NOTICES.....	158
Security.....	158

---

# Blue Planet UAA Release Notes

This document introduces new features, enhancements and support information, and reports resolve and known open issues for this release of Blue Planet.

## **IMPORTANT**

Beginning with the 20.10 release, all Blue Planet products require the use of a license server. Be sure to include this requirement in your hardware plans, and read the requirements, installation, and upgrade instructions to ensure you set up and use the license server.

# Publication history

The following table lists the Blue Planet UAA Release Notes publication history.

Table 1. Publication history

Date	Version	Topics
21-Nov-2023	1.0	Maintenance Patch Release for 23.08.64 (MR2)
25-Oct-2023	1.0	Maintenance Patch Release for 23.08.61 (MR1)
21-Sep-2023	1.0	Maintenance Patch Release for 23.04.59 (MR3)
28-Aug-2023	1.0	Maintenance Patch Release for 22.12.60 (MR4)
24-Aug-2023	1.0	Initial 23.08.58 Release
21-Jul-2023	1.0	Maintenance Patch Release for 23.04.55 (MR2)
31-May-2023	1.0	Maintenance Patch Release for 23.04.51 (MR1)
08-May-2023	1.0	Maintenance Patch Release for 22.12.55 (MR3)
28-Apr-2023	1.0	Maintenance Patch Release for 22.02.85 (MR6)
20-Apr-2023	1.0	Initial 23.04.46 Release
29-Mar-2023	1.0	Maintenance Patch Release for 22.12.53
13-Mar-2023	1.0	Maintenance Patch Release for 22.02.83
28-Feb-2023	1.0	Maintenance Patch Release for 22.12.49
20-Jan-2023	1.0	Maintenance Patch Release for 22.02.80
15-Dec-2022	1.0	Initial 22.12.45 Release
02-Dec-2022	1.0	Maintenance Patch Release for 22.02.76
01-Nov-2022	1.0	Maintenance Patch Release for 22.02.68
06-Oct-2022	1.0	Maintenance Patch Release for 22.02.65
30-Aug-2022	1.0	Maintenance Patch Release for 22.02.60
19-Jul-2022	1.0	Maintenance Patch Release for 22.02.55
18-Apr-2022	1.0	Initial 22.02.44 Release

---

# Compatibility

The following table contains software solution compatibility release information -

Blue Planet UAA installation matrix

UAA	23.08.64
License Server	8.4.0 or later
RA	8.x
Operating System	Red Hat Enterprise 7.9 CentOS 7.9 Oracle Linux 7.9
Browser	Google Chrome (89.x and above) Apple Safari (14.x and above)
Other	<ul style="list-style-type: none"><li>• Docker 1.12.6 or later</li><li>• Installer 21.06-22 or later</li></ul>

# Bug Fixes 23.08.64

Release 23.08.64 fixes the following bugs –

**NOTE** The bug fixes for 23.08.64 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.

Additionally, several internal bug fixes and performance improvements have been made in this release.

Ignore any inconsistency warnings in the information page of UAA related to backend and frontend core versions.

Jira ID	Ticket ID	Description
BPUAA-21279		Nagios UI is displaying critical errors for Redis
BPUAA-20952	C10648940	Auto trigger of External Database Query Action Template to a workflow fails while succeeds if triggered manually from the Alarms and Events page
BPUAA-20923	C10648620	Unable to obtain the Operational State information of End Points using Swagger API
BPUAA-20670	C10645622	The system is not able to collect the PM data if an End Point uses a Performance Monitoring Template which has more than one Performance Threshold Policies assigned to it
BPUAA-20658	C10644346	Generation of table widget using compute data is fails while fetching the metric columns for the widget
BPUAA-20476	C10643757	Manually renaming the auto discovered node name does not update the source value for the associated endpoint to match the new node name
BPUAA-20404		Filters are not working as expected post migration of filters from Legacy vSure to UAA
BPUAA-20370	C10638893	Post creating a new Custom Alarm Field, the data migration seems to have suspended without any errors or warnings
BPUAA-20002		pdp.facts kafka topic used for ROA alerts is not getting created

## Open/known issues in release 23.08.64

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-20839	Candy count is shown 0-0 for all alarm types on Alarms and Events page	The alarm count on the candy bar is not displayed	N/A
BPUAA-18084	Getting exception error while trying to update service segments using import or swagger-ui	Backward compatibility is broken which is not allowing to update the service segments	N/A
BPUAA-19017	Add support to merge Service Endpoints based discovered on multiple Network Elements by the same service	UAA does not support Services that span across multiple EMS systems	N/A
BPUAA-17604	Relative change from last poll alarms is not raising for some values even though it matches criteria in Performance threshold policies	Alarms will not raise even if the criteria is matched	N/A
BPUAA-17603	Relative change from last poll alarms is raising for wrong set of values in RA threshold policies	Alarms are raising for wrong set of values	N/A
BPUAA-17559	Metric chart is not showing completely when baseline is plotted	When baseline is enabled, the metric charts will not be displayed correctly	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: <code>/api/v1/users/bulk_user_create</code>
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behaviour: {A,B,C,a,b,c} Actual Expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode



BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPUAA-10023, BPUAA-19197	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-18789	RA Customization Rules with period schedule doesn't get applied in alarms	RA Customization Rules with period schedule doesn't get applied in alarms	Use "Always on" option
BPUAA-19689	XLS - Failure in XLS Inference use case from 2nd execution	XLS inference use case will not work after 1st execution	N/A
BPUAA-19685	AI SDK - Error when registering and loading models from ML Flow for Fiber Degradation	Unable to register and load models for ML Flow	N/A
BPUAA-19618	Through import, ep-positions and A-Z plots are not updating for existing services	ep-positions and A-Z plots of endpoints will not work when created by import	Do not use the import option for A-Z plotting and ep-positioning
BPUAA-19514	Actual functionality of customer dashboards is working fine.  Topology and fault widget data is displaying under customer Dashboard when customer does not have any service associated	Actual functionality of customer dashboards is working fine. Displaying all content when customer does not have any service associated	N/A
BPUAA-19695	Med core container getting into inconsistent state (intermittently) when there is a split-brain scenario	Has impact on state transition and inventory functionality	Restart solutions after the system is recovered from network outages
<b>Known Issues (Core UI issues impacting UAA)</b>			
BPCOREUI-3690, BPCOREUI-3691, BPCOREUI-3692, BPCOREUI-3693, BPCOREUI-3694	UAA table pages will take longer time to load (~10 sec) for the first time when a new table page is opened	Users will see slowness in the table pages to load for the first time and if any operations are performed in that time period	Users will have to wait for the table to load completely first time and start using the system
BPCOREUI-3679	Data set is not getting created for trend line/Percentile Series Widget when Compute Series is created with percentile/trendline	Dataset will not be created for trendline/Percentile series widget	N/A
BPCOREUI-3675	No option to change in dashboard token value in dashboard when widget with token is added	Will not be able to change the token value	Create additional widget for each token value separately
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if	It is not recommended to re-

		re-sizing is done during	size the browser while the page loads
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
<b>Upgrade Limitations</b>			
BPUAA-15693	Custom trees are blank post upgrade for ACL users	Edit of migrated custom tree will not work	Create new custom tree with same config
BPUAA-19223	Service Performance metrics are not coloured based on the severity of the threshold alarm on it	Very low impact as it is only UI colouring issue	N/A

---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Login message/confirmation window is no longer available in UAA UI

# Bug Fixes 23.08.61

Release 23.08.61 fixes the following bugs –

NOTE	The bug fixes for 23.08.61 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.
	Additionally, several internal bug fixes and performance improvements have been made in this release.
	Ignore any inconsistency warnings in the information page of UAA related to backend and frontend core versions.

Jira ID	Ticket ID	Description
BPUAA-20663		AI Apps and its use cases are not getting displayed properly in AI Apps Manager
BPUAA-20584		Post deployment of Remote Data Collection (RDC) - GR, the remote site is not coming to connected state
BPUAA-20510		AI SDK use cases and DAGs are not created after geo-redundant deployment
BPUAA-20494		For every node discovered by RDC, displays 4 values for ping RTT per time
BPUAA-20400		When a new alarm is suppressed under suppressed alarm or related alarm, the + symbol is not displayed to see the suppressed alarm
BPUAA-20360	C10638404	Update the Self-Monitoring documentation in Administration guide to execute the commands with sudo privileges
BPUAA-20340		2 sessions getting created in every 2 minutes for Admin user from all the hosts of Active site and gets closed by session timeout after 24 hours
BPUAA-20320		Widgets and Dashboards not working properly after upgrading Legacy (vSure) software to UAA
BPUAA-20293		Standby cluster showing thousands of defunct minIO processes on all nodes
BPUAA-20291		Receiving Nifi certificate expiration alarm from all SBC containers of RDC(LWDC) cluster nodes
BPUAA-20272	C10638824	The API integration stopped working due to version change of end point GET API post upgrade
BPUAA-20271	C10595595	Exporting metrics from the RA page does not download the entire list of metrics
BPUAA-20220	C10634603	Duplicate Endpoints of VLAN type is being created as part of Sync
BPUAA-20215		Path is not updated properly in UAA as per ROA after link failure for L3VPN connection
BPUAA-20198	C10638129	PM metric update is failing with errorCode: "Collector value of pmvariables and protocol value of metric must be same"
BPUAA-20191	C10637001	After installing Self-Monitoring, the kafka stats application fails with critical alarms on UAA nodes
BPUAA-20190	C10635526	Postman App can GET data using API queries even without valid token
BPUAA-20171	C10633087	Errors: "TypeError: Cannot read properties of undefined (reading 'isparenttyperegex')" while trying to edit Source type for SNMP RA
BPUAA-20113	C10636713	Incorrect mapping identified for Source Address and Target Address for IPSLAs
BPUAA-20036		Exceptions while executing coreui migration script during upgrade of legacy (vSure) to UAA
BPUAA-19851	C10634268	Some netguardian nodes are not getting synchronized

---

BPUAA-19695		Continuous exceptions in uaa-med-core and not processing any records
BPUAA-19607		Duplicate widgets are added for user post upgrade
BPUAA-18724	C10603399	The autonomous alarms are not being received for the exceptions raised in the RA logs
BPUAA-12466		Transceiver Loss of Signal alarm on port 1 of Cubo mini device is not received in UAA

## Open/known issues in release 23.08.61

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-20839	Candy count is shown 0-0 for all alarm types on Alarms and Events page	The alarm count on the candy bar is not displayed	N/A
BPUAA-18084	Getting exception error while trying to update service segments using import or swagger-ui	Backward compatibility is broken which is not allowing to update the service segments	N/A
BPUAA-19017	Add support to merge Service Endpoints based discovered on multiple Network Elements by the same service	UAA does not support Services that span across multiple EMS systems	N/A
BPUAA-17604	Relative change from last poll alarms is not raising for some values even though it matches criteria in Performance threshold policies	Alarms will not raise even if the criteria is matched	N/A
BPUAA-17603	Relative change from last poll alarms is raising for wrong set of values in RA threshold policies	Alarms are raising for wrong set of values	N/A
BPUAA-17559	Metric chart is not showing completely when baseline is plotted	When baseline is enabled, the metric charts will not be displayed correctly	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: <code>/api/v1/users/bulk_user_create</code>
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behaviour: {A,B,C,a,b,c} Actual Expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode

BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPUAA-10023, BPUAA-19197	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-18789	RA Customization Rules with period schedule doesn't get applied in alarms	RA Customization Rules with period schedule doesn't get applied in alarms	Use "Always on" option
BPUAA-19689	XLS - Failure in XLS Inference use case from 2nd execution	XLS inference use case will not work after 1st execution	N/A
BPUAA-19685	AI SDK - Error when registering and loading models from ML Flow for Fiber Degradation	Unable to register and load models for ML Flow	N/A
BPUAA-19618	Through import, ep-positions and A-Z plots are not updating for existing services	ep-positions and A-Z plots of endpoints will not work when created by import	Do not use the import option for A-Z plotting and ep-positioning
BPUAA-19514	Actual functionality of customer dashboards is working fine.  Topology and fault widget data is displaying under customer Dashboard when customer does not have any service associated	Actual functionality of customer dashboards is working fine. Displaying all content when customer does not have any service associated	N/A
BPUAA-19695	Med core container getting into inconsistent state (intermittently) when there is a split-brain scenario	Has impact on state transition and inventory functionality	Restart solutions after the system is recovered from network outages
<b>Known Issues (Core UI issues impacting UAA)</b>			
BPCOREUI-3690, BPCOREUI-3691, BPCOREUI-3692, BPCOREUI-3693, BPCOREUI-3694	UAA table pages will take longer time to load (~10 sec) for the first time when a new table page is opened	Users will see slowness in the table pages to load for the first time and if any operations are performed in that time period	Users will have to wait for the table to load completely first time and start using the system
BPCOREUI-3679	Data set is not getting created for trend line/Percentile Series Widget when Compute Series is created with percentile/trendline	Dataset will not be created for trendline/Percentile series widget	N/A
BPCOREUI-3675	No option to change in dashboard token value in dashboard when widget with token is added	Will not be able to change the token value	Create additional widget for each token value separately
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if	It is not recommended to re-

		re-sizing is done during	size the browser while the page loads
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
<b>Upgrade Limitations</b>			
BPUAA-15693	Custom trees are blank post upgrade for ACL users	Edit of migrated custom tree will not work	Create new custom tree with same config
BPUAA-19223	Service Performance metrics are not coloured based on the severity of the threshold alarm on it	Very low impact as it is only UI colouring issue	N/A



---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Login message/confirmation window is no longer available in UAA UI

# Bug Fixes 23.04.59

Release 23.04.59 fixes the following bugs –

	The bug fixes for 23.04.59 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.
<b>NOTE</b>	Additionally, several internal bug fixes and performance improvements have been made in this release.  Ignore any inconsistency warnings in the information page of UAA related to backend and frontend core versions.

Jira ID	Ticket ID	Description
BPUAA-20234		UAA UI is not loading after the nifi certificate is expired even when the UAA containers are up
BPUAA-20190	C10635526	Postman App can GET data using API queries even without valid token
BPUAA-20171	C10633087	Errors: "TypeError: Cannot read properties of undefined (reading 'isparenttyperegex')" while trying to edit Source type for SNMP RA
BPUAA-20113	C10636713	Incorrect mapping identified for Source Address and Target Address for IPSLAs
BPUAA-19851	C10634268	Some netguardian nodes are not getting synchronized
BPUAA-19812		Unable to start uaa-sbc container after the NIFI certificates expired
BPUAA-19764	C10633197	Update the command in the administration guide to fix the permission denied error while trying to run the Selfmon utility command
BPUAA-19611	C10625229	Visualization/Widget Graph showing multiple overlapping lines
BPUAA-19548		Coe EVC uptime and downtime calculation for services is incorrect
BPUAA-19103	C10625661	Adding topology by a user which is part of a user group having appropriate permissions do not display the topology
BPUAA-19092	C10625658	Last 1 Hour and Last 1 Day performance metric is not showing for an endpoint when viewed via topology
BPUAA-18973	C10625183	UAA server is making multiple SNMP queries to Nodes with performance disabled
BPUAA-18806	C10621742	Custom tree inconsistently displays the count of nodes under subnetwork
BPUAA-18781		Nodes are stuck Disconnected/Connecting/Discovering even though they are reachable
BPUAA-18767		Trouble Ticket clear script is not getting invoked while clearing alarms manually
BPUAA-18690	C10619912	When viewing a saved topology comprising of an entire subnetwork, the name of the connection created first appears to have a repeat of the original connection name
BPUAA-18655	C10608306	Few metrics are not collecting performance value on details page
BPUAA-18604	C10618755	HTTPS Connection ERROR on POTS Action Template
BPUAA-18579		Create, Edit or Delete Filters is not available in table pages such as Nodes, Endpoints, Services, etc.
BPUAA-18381	C10614847	Dashboard filters are not throwing errors for invalid values
BPUAA-18043	C10609515	User Activity Log is not displayed in the menu for users having UAA Admin role
BPUAA-17974	C10603838	Exporting a widget table only exports 150 entries even if there are more

---

		entries shown in the UI
BPUAA-17782	C10604416	When creating a widget with a metric data source, no data is showing up in the table. When viewing the endpoints individually through the associated node, the metrics that are included in the widget are listed with data associated
BPUAA-17354	C10588872	BPUAA engineering guide needs added information to handle upgrade scenarios
BPUAA-17316	C10586343	Add support for automating Stale/Orphan EP deletion via script

## Open/known issues in release 23.04.59

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-20295	Empty whitespace the info panel on the details page	N/A	N/A
BPUAA-18270	Critical errors while trying to rollback from 23.04.x to 22.12.x	Major rollback to 22.12.xx is not possible	N/A
BPUAA-17770	Selecting "Update performance thresholds on all Services" under multi-edit is not assigning the Performance threshold policy to other services	Updating service threshold policies through multi edit will not work	Edit single service and update threshold policies
BPUAA-17604	Relative change from last poll alarms is not raising for some values even though it matches criteria in Performance threshold policies	Alarms will not raise even if the criteria is matched	N/A
BPUAA-17603	Relative change from last poll alarms is raising for wrong set of values in RA threshold policies	Alarms are raising for wrong set of values	N/A
BPUAA-17647	Background generation of metric chart widget is failing when limit results value is not set	Metric charts in the background will not be generated	Set an appropriate value to limit results field and then generate the metric chart in background
BPUAA-16700	EVC's not getting persisted	EVC's will not be discovered post fresh installation for the first time	Restart uaa-core app and then discover the EVC again
BPUAA-17559	Metric chart is not showing completely when baseline is plotted	When baseline is enabled, the metric charts will not be displayed correctly	N/A
BPUAA-17641	ACP is not applying when multi filter threshold value equal to 1	ACP will not apply if the threshold value is equal to 1	Update the threshold value to greater than or equals to (>=)
BPUAA-17753	Advance widget with token generation does not happen as per token value change in toolbar	Advance widget with token generation will not work when token value is changed in toolbar	Edit the widget and provide the token value to see the data
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity

BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPUAA-10023	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-6161	No Localization support for Custom Fields	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A
<b>Known Issues (Core UI issues impacting UAA)</b>			
BPCOREUI-3690, BPCOREUI-3691, BPCOREUI-3692, BPCOREUI-3693, BPCOREUI-3694	UAA table pages will take longer time to load (~10 sec) for the first time when a new table page is opened	Users will see slowness in the table pages to load for the first time and if any operations are performed in that time period	Users will have to wait for the table to load completely first time and start using the system
BPCOREUI-3677	Error: "Cannot read properties of undefined (reading 'getProgressive'), (reading 'coordinateSystem')" under chart widgets	Cannot modify the chart widget	N/A
BPCOREUI-3679	Data set is not getting created for trend line/Percentile Series Widget when Compute Series is created with percentile/trendline	Dataset will not be created for trendline/Percentile series widget	N/A
BPCOREUI-3675	No option to change in dashboard token value in dashboard when widget with token is added	Will not be able to change the token value	Create additional widget for each token value separately
BPCOREUI-3266	Date range is not saving when we schedule a Table Widget in report	Generated report will not have data according to the date range selected	N/A
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if re-sizing is done during load	It is not recommended to re-size the browser while the page loads
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and	N/A

		rows may jump	
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPCOREUI-3375	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
<b>Upgrade Limitations</b>			
BPUAA-17703	Custom node fields are not carried forward post upgrade in Node Actions	Custom node fields will not be present	Re-create custom node fields post upgrade
<b>Known Issue (Legacy Architecture to new architecture upgrade)</b>			
BPUAA-17695	Grouping expression is not retaining for service/EVC for Percentage availability/overall percentage availability	Grouping expression will not work for service/EVC	N/A
BPUAA-15693	Custom trees are blank post upgrade for ACL users	Edit of migrated custom tree will not work	Create new custom tree with same config
BPCOREUI-3672	Background generation of report is failing post upgrade	Background generation will not work	N/A

---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Login message/confirmation window is no longer available in UAA UI

# Bug Fixes 22.12.60

Release 22.12.60 fixes the following bugs –

## NOTE

The bug fixes for 22.12.60 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.

Additionally, several internal bug fixes and performance improvements have been made in this release.

Ignore any inconsistency warnings in the information page of UAA related to backend and frontend core versions.

Jira ID	Ticket ID	Description
BPUAA-19558	C10630166	The UI becomes erratic while trying to add or create folder in Dashboards
BPUAA-19548		Uptime/downtime values for services show incorrect values than the poll time set on performance summary page
BPUAA-19092	C10625658	End point metrics, property details in endpoint edit, and custom endpoint fields value are not correct or empty when viewed or edited via topology
BPUAA-19024	C10610530	Update the administration guide to remove the hardcoded tron password for localization support
BPUAA-18973	C10625183	Multiple SNMP queries are getting triggered to nodes with PM disabled
BPUAA-18781		Few nodes are shown in disconnected state even after unmanaging/managing the nodes
BPUAA-18767		Trouble ticket clear script not updating the alarm clear time when alarm is cleared manually
BPUAA-18751		Coe EVC uptime/downtime not showing correct parameters for battery down metrics
BPUAA-18744	C10621428	Topology Widget header disappears after zoom in/zoom out operation on the Topology in the Dashboard
BPUAA-18690	C10619912	When viewing a saved topology composed of an entire subnetwork, the name of the connection that was created first appears to have a repeat of the original connection name
BPUAA-18669	C10618963	Metric Tab fails to load in Resource Adapter Page
BPUAA-18655	C10608306	Few metrics do not display PM value on details page
BPUAA-18620	C10616448	File not being generated when executing TMF628 adhocCollection
BPUAA-18579		Unable to create, edit, and delete the filters in table pages
BPUAA-18561		Coe EVC uptime and downtime metric both showing as zero
BPUAA-18510	C10618211	Working With Logs section in administration guide have the wrong location for log files and Log config location for few containers
BPUAA-18469		Postgres python script is running indefinitely
BPUAA-18463		SBC PM response messages were distributed to one partition under UAA-



		MED-PME group, during EMS node PM processing
BPUAA-18381	C10614847	Adding invalid patterns in the dashboard filters does not throw any error
BPUAA-18336		SPM metrics for EVC services is picked up from two or more different data sources
BPUAA-18315		Error - "Node Identifier value is Null for the response, skipping pm processing" uaa-med-pme container while upgrading some RAs
BPUAA-18260		Invalid key in example blocks of post operation to create End Points in Swagger API
BPUAA-18218		500 Internal Error when clicking on Services Tab
BPUAA-18180		TMF-642 Get requests for Alarms returns 500 Error
BPUAA-18177		Creation failed errors while trying to create custom Node and Service field through python scripts
BPUAA-18107		Device load status shows 'Partial_Success' even after primary gateway is updated for Adva passive device
BPUAA-18059	C10603142	Error - "Unable to write to database: VLAN response for endpoints exceeding length" while trying to discover endpoints on Ciena 3928 devices
BPUAA-18043	C10609515	System > Security Log is not displayed in the menu for users who have been granted the UAA Admin role
BPUAA-17974	C10603838	Exporting a widget table only exports 150 entries even if more entries are shown
BPUAA-17952	C10593662	Unable to enable the "SNMP GETBULK enabled override" option in the node template and save it
BPUAA-17939		Few RA/Traps not reporting data for custom alarm field in Resource Adapter Customization Rule
BPUAA-17925		Error - "LU Connection is also not loaded properly. Getting Import failure." in UAA core logs while trying to load Services
BPUAA-17781	C10604094	Editing an EVC is not allowing to select Flowpoint as EVC endpoint
BPUAA-17776	C10605476	After changing timezone setting in Preferences>Language and Region, the Received time format in the Alarms List seems incorrect
BPUAA-17771		Incorrect number of alarms are raising on passive nodes when the alarms are mapped to manager node in RA
BPUAA-17731	C10597126	Example Value Key still modelled with camelCase in Swagger API
BPUAA-17714		For few services, there is no response from UAA through kafka topic
BPUAA-17708	C10602554	Incorrect Time Stamp getting mapped for CAFs in Alarm Details page
BPUAA-17616	C10602339	Japanese language translator shows gibberish data while executing the workflow action
BPUAA-17608		UAA Core Consumers getting killed causing import failure
BPUAA-17316	C10586343	Improve deletion of Stale / Orphan endpoint deletion from manual task to Automatic

## Open/known issues in release 22.12.60

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-12371	Sorting functionality does not work on PM widget columns	User will not be able to use the sorting on PM widget columns	N/A
BPUAA-15727	Nodes are not in sync state post Geo-Red failover	Nodes will not be in sync state	Copy the profiles to the uaa_core leader instance manually will get the nodes to sync state
BPUAA-15171	Generation of Fault summary widget with bucket results enabled doesn't work for (Sum, Average, Percentage Availability, Overall Percentage Availability)	Generation of fault summary widget with bucket results enabled won't work for above options	N/A
BPCOREUI-3154	Consolidation options for date ranges like Last x hours and Last x days not listing Hour/Day/Week/Month/Quarter/Y ear as consolidation options for fault summary chart and table widgets and PM widgets	Generation of fault summary reports with Last x hours and x days is not possible	N/A
BPUAA-14967	Nodes having attachments are not listing the attachments from Context menu and node details page	Attachments will not be seen from Context menu and node details page	Attachments can be viewed using the node edit
BPPF-14824	Triggering failover from Geo-Red UI is not working	Not possible to trigger failover from Geo-Red UI	Use the terminal option to perform the Geo-Red failover
BPCOREUI-3266	Date range is not saving when we schedule a Table Widget in report	Generated report will not have data according to the date range selected	N/A
BPCOREUI-3326	UAC UI has header alignment issues in the grid	Headers will not be aligned properly to the column data	N/A
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if re-sizing is done during load	it is not recommended to re-size the browser while the page loads
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames

			with just case sensitivity
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPCOREUI-3375	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPUAA-10023	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-6161	No Localization support for Custom Fields	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
<b>Upgrade Limitations</b>			
BPUAA-10523	Active alarm components in dashboard is not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
BPUAA-10523	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade

---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Login message/confirmation window is no longer available in UAA UI

# New and Updated Features 23.08.58

Release 23.08.58 introduces the following new or updated features and support –

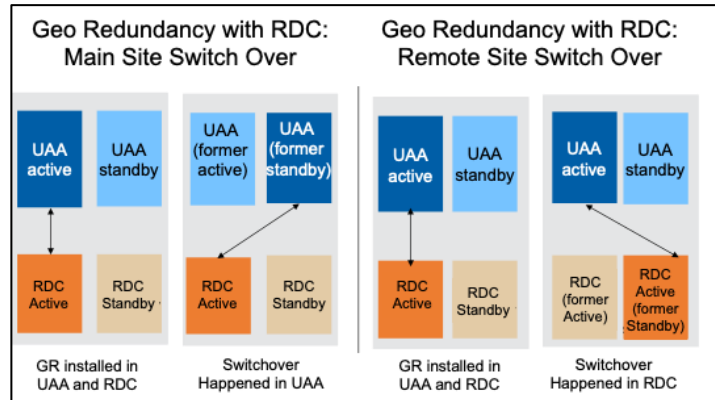
## Rhino JavaScript Engine updated to release 1.7.14

Updated the Rhino Engine Libraries to 1.7.14.

## Enhancements to Remote Data Collector (RDC)

Remote Data Collector (RDC) enhancements:

- New geo-redundancy option, with automatic switch-over.
- New UI to manually switch instance of RDC between active/standby modes.
- Requires up to 40% less bandwidth between RDC and Core UAA.



### NOTE

- There is no limit to the number of RDC deployments.
- RDC formally known as LWDC (Lightweight Data Collector).

## Enhancements to Alarm Custom Fields

A new checkbox “**Enable Enrichment**” is added to the Custom Alarm field section. Using this option, user can map the system and custom fields of Node, Endpoint, Service, and Customer to the custom alarm fields.

Enable Enrichment: ☒

\* Mapping: ☐ Single ☒ Multiple

Properties:

Variable	Object	Property	Enable Regex	Regex	Action
A	Customer	Name	<input checked="" type="checkbox"/>	(.*)	–
B	Node	Alternate Name	<input type="checkbox"/>	(.*)	–
C	Node	Device Type	<input type="checkbox"/>	(.*)	–
D	Customer	Postal Code	<input type="checkbox"/>	(.*)	– +

\* Format: Customer:\$A\$, Node:\$B\$-\$C\$, Post Code: \$D\$

☐ Create another

Reset Close Add and Close

- Single and Multiple Mappings
- Map Node, Endpoint, Service, Customer, and Custom fields to custom alarm field
- Options: simple regex, text formatting, and trim max length

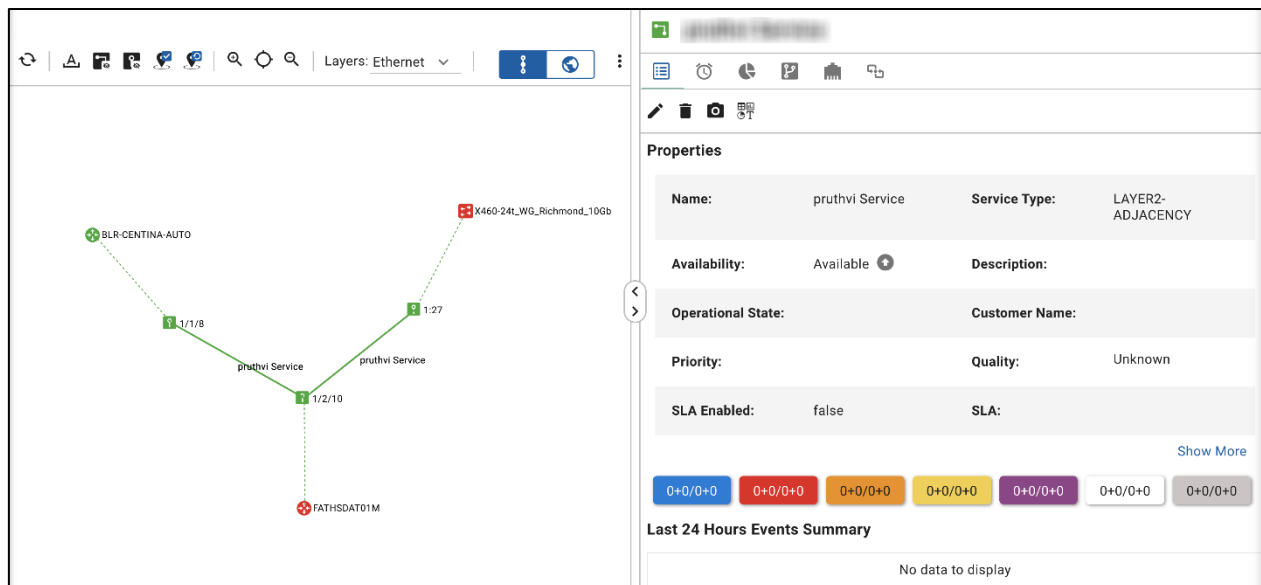
#### NOTE

- Custom fields are copy of values i.e. not referenced
- Multiple mapping supports max of 5 inputs

## Enhancements to Service Visualizations

The following enhancements have been made to the service visualization in UAA -

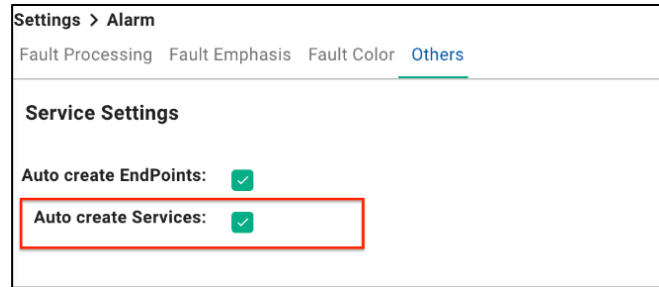
- Option to enable visualization of A and Z ends option, configured on the Service Endpoints page.
- Option to rearrange endpoints sequence on the Service, Endpoints page through drag and drop.
- Option to rearrange segment sequence on the Service, Segment page through drag and drop.
- Service Topology and Dependency Tree views improved to reflect segments and endpoint sequence.
- New options in Service Topology view to Show/Hide Service Name and Endpoint Name.



## Enhancements to Service Alarms

Service alarm enhancements include –

- Processing of service alarms originating from NMS / network, including support for the scenario where service alarm does not include endpoints.
- New config options to auto-create services:
  1. Via Alarm System Settings
  2. Via Node Template
- Alarm 'customize' extended to support match alarms by Service Name.



#### NOTE

If the same service alarm is to be raised by more than one endpoint, the alarm raised against the first endpoint that raised the alarm and the count would increase. Condition considered rare, and all other RCA/SIA would function as expected.

## Performance Enhancements – New Endpoint Table Partitioning Logic

EndPoint and related endpoint tables are Partitioned by NetworkElementId in PostgreSQL to improve throughput performance for reads and writes.

The following list describes the modifications to Endpoint(s) table:

- Implemented partitioning for all EndPoint tables in *uaa-core-db*
- Existing Primary key (*id*) has been modified into Composite Primary Key.
- *networkelementid* is added to the respective tables to achieve foreign key references.
- *scheduledobject\_networkelementid* column is added into follow to the respective tables to achieve foreign key reference to end\_point & flowpoint tables accordingly.

#### NOTE

- Backend enhancement, transparent to all publish APIs
- Number of partitions is configurable and set during upgrade, see upgrade guide for guidance, approx. 500K EPs per partition
- No change to platform sizing

## New Protect Service Handbook

A new protected service technical handbook has been developed which contains the end-to-end creation, modification, and other operational technical instructions to help the users while working with the protected services.

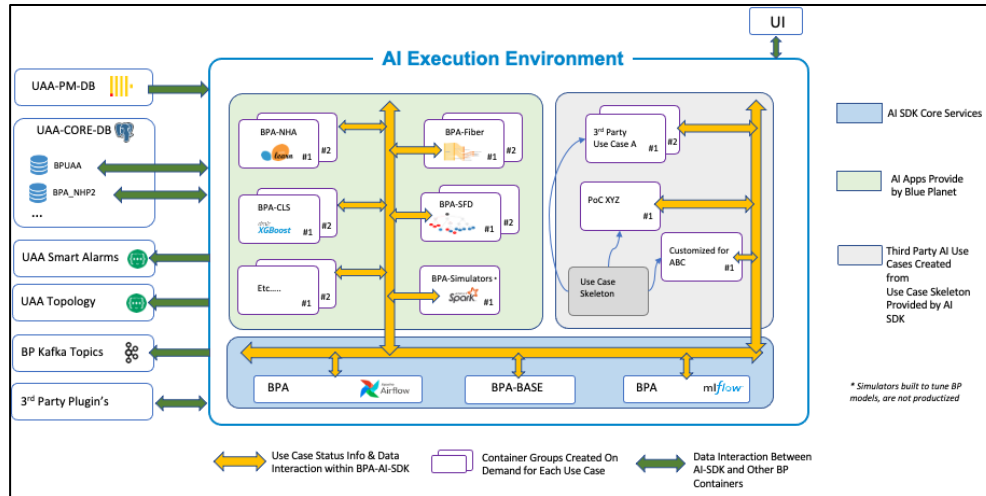
The Protected Services handbook can be downloaded from [my.ciena.com/portal](https://my.ciena.com/portal)

## New AI/ML Execution Environment

New AI/ML execution environment replaces earlier functionality.

All BP AI App use cases are now available as a separate entity, thereby –

- Improving scalability and performance of the use cases
- Adding supporting to geo-redundancy
- Improved Architecture
- Enables hosting of 3<sup>rd</sup> party AI/ML models (see new AI SDK)



**NOTE** BP Analytics Manager (earlier known as AI Apps) moved to BP Appbar UI.

## New AI SDK for MLOps

New AI SDK is provided to enable simplifying the deployment, execution, monitoring, and troubleshooting of 3rd party Machine Learning Model AI Applications.

This enables customers / partners to:

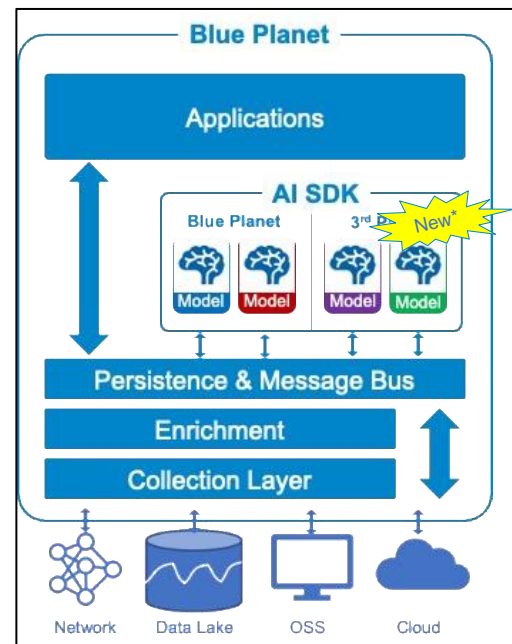
- Bring their own 3<sup>rd</sup> Party AI/ML models
- Upload/Update/Download/Delete Models
- Configure Model Pipeline
- Call Blue Planet APIs- (like, Create UAA Alarm)
- Push results onto Kafka bus for external consumers
- Configure model attributes
- Start, stop, and schedule model execution
- Monitor AI App CPU, Mem, Disk I/O, and Execution time
- View code and execution logs

In addition, the AI SDK and AI Execution environment provide -

- Enhanced AI App Dashboard: Scheduling and Status
- Rogue AI App safeguards

**NOTE**

- New AI SDH Handbook is provided.
- AI SDK Annual S&M License is required.
- Must possess PM and/or FM licenses with RTU.
- Cannot view or delete Blue Planet App Code.
- Additional plugins are roadmap / services.
- Customers cannot view/edit/... BP AI Apps.



The AI SDK book can be downloaded from [my.ciena.com/portal](https://my.ciena.com/portal)



## Improvements to PM Forecasting and Anomaly Detection

Enhancements include:

- New bulk policies for configuration of PM forecasting and anomaly detection
- Support for all metrics types, with 23.08 adding support for Ethernet metrics
- Forecasting adds support for 15mins analysis, in addition to existing daily analysis
- Forecasting support dead banding and consecutive violation settings to reduce alarm flapping
- Improved dashboard, showing configuration setting and alerts by type
- Model performance is improved by approx. 20x.

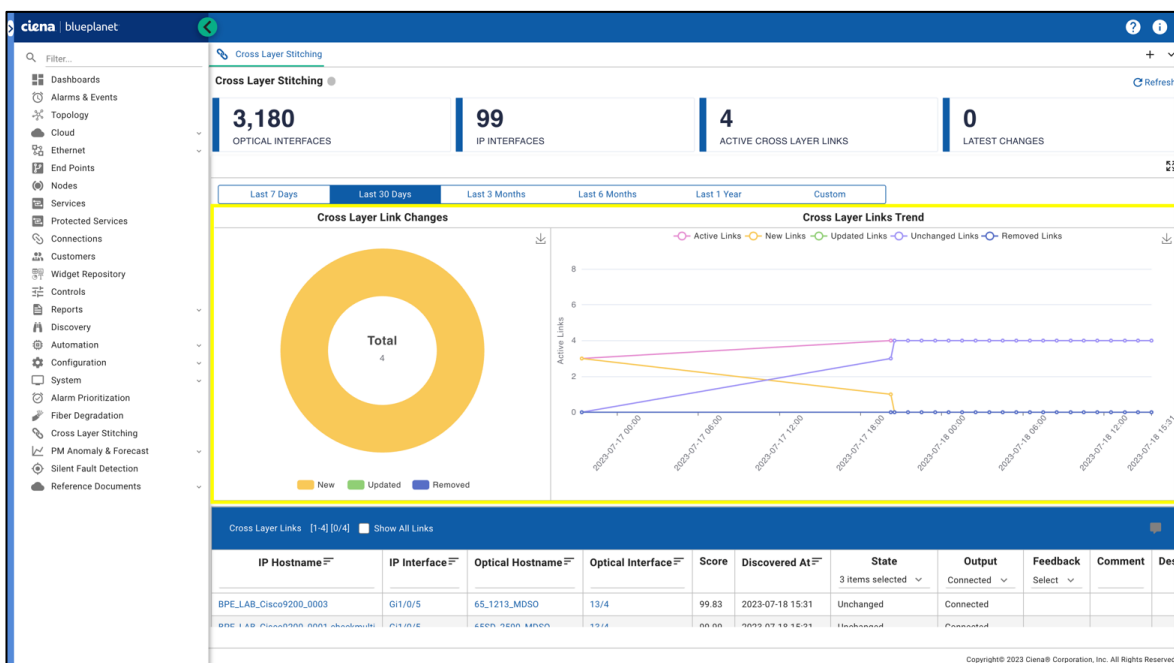
### NOTE

- Default maximum number of endpoints is set to 100k (backend configuration setting).
- Functionality included as standard in UAA PM license.

## Improvements to Cross-Layer Stitching Dashboard

New enhancements have been introduced to adjust the tile on the top of the dashboard, which is seen as the Latest changes. The "Latest Changes" tile refers to the Cross-Layer links changes that happened in the recently executed Run, where it shows the sum of:

- Total number of Discovered New Cross Links
- Total number of Updated Cross Links
- Total number of Removed Cross Links



---

## Improvements to Online Help

As part of ongoing enhancements to online help, three new short 'how-to-video' are provided -

- Auto-Create Endpoints
- Set-up Discovery
- Column Freezing

## Open/known issues in release 23.08.58

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-18084	Getting exception error while trying to update service segments using import or swagger-ui	Backward compatibility is broken which is not allowing to update the service segments	N/A
BPUAA-19017	Add support to merge Service Endpoints based discovered on multiple Network Elements by the same service	UAA does not support Services that span across multiple EMS systems	N/A
BPUAA-17604	Relative change from last poll alarms is not raising for some values even though it matches criteria in Performance threshold policies	Alarms will not raise even if the criteria is matched	N/A
BPUAA-17603	Relative change from last poll alarms is raising for wrong set of values in RA threshold policies	Alarms are raising for wrong set of values	N/A
BPUAA-17559	Metric chart is not showing completely when baseline is plotted	When baseline is enabled, the metric charts will not be displayed correctly	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: <code>/api/v1/users/bulk_user_create</code>
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behaviour: {A,B,C,a,b,c} Actual Expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A

BPUAA-10023, BPUAA-19197	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-18789	RA Customization Rules with period schedule doesn't get applied in alarms	RA Customization Rules with period schedule doesn't get applied in alarms	Use "Always on" option
BPUAA-19689	XLS - Failure in XLS Inference use case from 2nd execution	XLS inference use case will not work after 1st execution	N/A
BPUAA-19685	AI SDK - Error when registering and loading models from ML Flow for Fiber Degradation	Unable to register and load models for ML Flow	N/A
BPUAA-19618	Through import, ep-positions and A-Z plots are not updating for existing services	ep-positions and A-Z plots of endpoints will not work when created by import	Do not use the import option for A-Z plotting and ep-positioning
BPUAA-19514	Actual functionality of customer dashboards is working fine.  Topology and fault widget data is displaying under customer Dashboard when customer does not have any service associated	Actual functionality of customer dashboards is working fine. Displaying all content when customer does not have any service associated	N/A
BPUAA-19695	Med core container getting into inconsistent state (intermittently) when there is a split-brain scenario	Has impact on state transition and inventory functionality	Restart solutions after the system is recovered from network outages
<b>Known Issues (Core UI issues impacting UAA)</b>			
BPCOREUI-3690, BPCOREUI-3691, BPCOREUI-3692, BPCOREUI-3693, BPCOREUI-3694	UAA table pages will take longer time to load (~10 sec) for the first time when a new table page is opened	Users will see slowness in the table pages to load for the first time and if any operations are performed in that time period	Users will have to wait for the table to load completely first time and start using the system
BPCOREUI-3679	Data set is not getting created for trend line/Percentile Series Widget when Compute Series is created with percentile/trendline	Dataset will not be created for trendline/Percentile series widget	N/A
BPCOREUI-3675	No option to change in dashboard token value in dashboard when widget with token is added	Will not be able to change the token value	Create additional widget for each token value separately
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if re-sizing is done during	It is not recommended to re-size the browser while the page loads
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic,	N/A

		and rows may jump	
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
<b>Upgrade Limitations</b>			
BPUAA-15693	Custom trees are blank post upgrade for ACL users	Edit of migrated custom tree will not work	Create new custom tree with same config
BPUAA-19223	Service Performance metrics are not coloured based on the severity of the threshold alarm on it	Very low impact as it is only UI colouring issue	N/A

---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Login message/confirmation window is no longer available in UAA UI

# Bug Fixes 23.04.55

Release 23.04.55 fixes the following bugs –

NOTE	The bug fixes for 23.04.55 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.
	Additionally, several internal bug fixes and performance improvements have been made in this release.
	Ignore any inconsistency warnings in the information page of UAA related to backend and frontend core versions.

Jira ID	Ticket ID	Description
BPUAA-19024	C10610530	Hardcoded tron login password is captured in the administrator's guide
BPUAA-18963, BPUAA-17731	C10597126	Example Value Key is modelled with camelCase in swagger API
BPUAA-18806	C10621742	Custom tree inconsistently displays the count of nodes under subnetwork
BPUAA-18751		Core EVC uptime/downtime showing battery down metrics on UI
BPUAA-18744	C10621428	Header for Topology added to dashboard disappears when clicking on the topology name
BPUAA-18738		Services, Networks & connections are not getting discovered after the discovery task is completed
BPUAA-18723		Exceptions from sbcMessageConsumer while sending PM message to Kafka
BPUAA-18653		NHP input param features - preproc is missing PMs
BPUAA-18596		Inventory response messages were distributed to one partition under UAA-MED-CORE consumer group for EMS nodes
BPUAA-18583		Add list of solutions which support solution_backup and solution_restart commands in the administrator's guide
BPUAA-18561		Service uptime and downtime metric showing as zero
BPUAA-18552		Add "End date is stored in the format 'YYYY-MM-DD HH:MM:SS' and hence the value in the global search string required to be provided in the same format" as a note for Global search on date related items on format in Scheduled Maintenance
BPUAA-18510	C10618211	Administrator's Guide > Working with Logs, section have the wrong location for log files and Log config location for few containers is incorrect
BPUAA-18482		Node endpoints are not getting created for nodes with application monitor discovery
BPUAA-18469		SyncPostgresObjectsToNeo4j Script not Completing
BPUAA-18463		Kafka messages under UAA-MED-PME consumer group were distributed to one partition for EMS nodes
BPUAA-18371		External ID for passive nodes is getting populated by default
BPUAA-18315		Add support for mapping externalId in pm-from-file xml for API RA of Nokia-NSP
BPUAA-18271		Add support for pm-from-file dependency xmls for API Ras of Nokia-5520
BPUAA-18260		Invalid key in example blocks of post operation to create End Points in Swagger API
BPUAA-18247		ROA View option not available in connection properties page when opened the connection from dependency view diagram

BPUAA-18243		Upgrade from 22.02 to 22.12 showed success but containers are not starting
BPUAA-18237		Add "Node Action order displayed in execution follows the order shown in the Node Action Template screen" in node action help page
BPUAA-18180		TMF-462 GET requests for alarms returns 500 Error
BPUAA-18177		Getting multiple errors while trying to create custom Node and Service field through python script
BPUAA-18073	C10610475	Layout can be edited even though permission to Create Details Layout, Modify Details Layout, and Delete Details are not granted
BPUAA-18064		MPLS Service instance down alarms are not created in UAA though the same was sent to Kafka from ROA to UAA
BPUAA-18059	C10603142	Unable to write to database: VLAN response for endpoints exceeding length while trying to discover the endpoints
BPUAA-18048		Default PM templates are assigning for few Endpoints
BPUAA-18044		seaweedfs solution is not getting restarted while following maintenance procedures in administrator's guide
BPUAA-18038		ICMP ping failure errors raising on VCX passive devices
BPUAA-17954		Description missing on raise security log as events in the alarm settings page of help
BPUAA-17940		Few documentation updates are required in Connections and Service Types pages
BPUAA-17923		Unable to move topology layers to top
BPUAA-17909		For EVPN-VLL:LON/TKY/LE-504681,EVPN-VLL:FRA/FRA/IA-504650, the availability is shown as unknown
BPUAA-17875		Documentation update is required for union and intersection details under Multi edit of service
BPUAA-17781	C10604094	Unable to add Flow Points to be selected as EVC End Points
BPUAA-17771		Hitachi alarm is populating in UAA incorrectly
BPUAA-17708	C10602554	Incorrect Time Stamp getting mapped for custom alarm fields in alarm details page
BPUAA-17337		Advance widgets do not have details on ACL related token information in the help
BPUAA-17316	C10586343	Add support for automating Stale/Orphan EP deletion via script
BPUAA-17272		Add "View PM template details option is disabled on Multiselect in End points page, Flow points, Interfaces, IPSLA upon clicking on context-menu and Toolbar from UI. " Note in endpoints page help
BPUAA-17050		Update the python libraries in uaa-core
BPUAA-16080		Multi deletion of nodes (both unmanaged and managed node combination) should delete unmanaged nodes



## Open/known issues in release 23.04.55

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-18270	Critical errors while trying to rollback from 23.04.x to 22.12.x	Major rollback to 22.12.xx is not possible	N/A
BPUAA-18261	Getting multiple errors after logging out of the UAA UI	N/A	N/A
BPUAA-17579	AI App: Cross Layer Stitching Cross Links and Optical Interfaces are not getting detected	Cross Links and Optical Interfaces will not be detected	N/A
BPUAA-17524	AI App: Fiber Degradation In progress Fiber Batch use case execution is not getting resumed on Active Inference container after failover	Batch Fiber use case will not be getting automatically resumed on new inference leader container	Re-run the Batch Fiber use case from the AI App dashboard page
BPUAA-15701	AI App: Alarm Prioritization AP Streaming Use case is unable to resume on new Active Site after failover of former Active Site	After Failover of Site A, AP Streaming use case didn't get resumed on Site B as expected	Re-run the AP Streaming use case from the AI App dashboard page
BPUAA-17770	Selecting "Update performance thresholds on all Services" under multi-edit is not assigning the Performance threshold policy to other services	Updating service threshold policies through multi edit will not work	Edit single service and update threshold policies
BPUAA-17604	Relative change from last poll alarms is not raising for some values even though it matches criteria in Performance threshold policies	Alarms will not raise even if the criteria is matched	N/A
BPUAA-17603	Relative change from last poll alarms is raising for wrong set of values in RA threshold policies	Alarms are raising for wrong set of values	N/A
BPUAA-17647	Background generation of metric chart widget is failing when limit results value is not set	Metric charts in the background will not be generated	Set an appropriate value to limit results field and then generate the metric chart in background
BPUAA-16700	EVC's not getting persisted	EVC's will not be discovered post fresh installation for the first time	Restart uaa-core app and then discover the EVC again
BPUAA-17559	Metric chart is not showing completely when baseline is plotted	When baseline is enabled, the metric charts will not be displayed correctly	N/A
BPUAA-17641	ACP is not applying when multi filter threshold value equal to 1	ACP will not apply if the threshold value is equal to 1	Update the threshold value to greater than or equals to ( $\geq$ ) 1
BPUAA-17753	Advance widget with token generation does not happen as per	Advance widget with token generation will not	Edit the widget and provide the token value to see the

	token value change in toolbar	work when token value is changed in toolbar	data
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPUAA-10023	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-6161	No Localization support for Custom Fields	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A
<b>Known Issues (Core UI issues impacting UAA)</b>			
BPCOREUI-3690, BPCOREUI-3691, BPCOREUI-3692, BPCOREUI-3693, BPCOREUI-3694	UAA table pages will take longer time to load (~10 sec) for the first time when a new table page is opened	Users will see slowness in the table pages to load for the first time and if any operations are performed in that time period	Users will have to wait for the table to load completely first time and start using the system
BPCOREUI-3677	Error: "Cannot read properties of undefined (reading 'getProgressive'), (reading 'coordinateSystem')" under chart widgets	Cannot modify the chart widget	N/A
BPCOREUI-3679	Data set is not getting created for trend line/Percentile Series Widget when Compute Series is created	Dataset will not be created for trendline/Percentile series	N/A

	with percentile/trendline	widget	
BPCOREUI-3675	No option to change in dashboard token value in dashboard when widget with token is added	Will not be able to change the token value	Create additional widget for each token value separately
BPCOREUI-3542	User pages are failing to load under UAC	None of the user pages will load UAC	N/A
BPCOREUI-3154	Consolidation options for date ranges like Last x hours and Last x days not listing Hour/Day/Week/Month/Quarter/Year as consolidation options for fault summary chart and table widgets and PM widgets	Generation of fault summary reports with Last x hours and x days is not possible	N/A
BPCOREUI-3266	Date range is not saving when we schedule a Table Widget in report	Generated report will not have data according to the date range selected	N/A
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if re-sizing is done during load	It is not recommended to re-size the browser while the page loads
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPCOREUI-3375	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
<b>Upgrade Limitations</b>			
BPUAA-17703	Custom node fields are not carried forward post upgrade in Node Actions	Custom node fields will not be present	Re-create custom node fields post upgrade
BPUAA-10523	Active alarm components in dashboard are not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
BPUAA-10523	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
<b>Known Issue (Legacy Architecture to new architecture upgrade)</b>			
BPUAA-17695	Grouping expression is not retaining for service/EVC for Percentage availability/overall percentage availability	Grouping expression will not work for service/EVC	N/A
BPUAA-15693	Custom trees are blank post upgrade for ACL users	Edit of migrated custom tree will not work	Create new custom tree with same config
BPCOREUI-3672	Background generation of report is failing post upgrade	Background generation will not work	N/A

---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Login message/confirmation window is no longer available in UAA UI

# Bug Fixes 23.04.51

Release 23.04.51 fixes the following bugs –

NOTE	The bug fixes for 23.04.51 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.
	Additionally, several internal bug fixes and performance improvements have been made in this release.
	Ignore any inconsistency warnings in the information page of UAA related to backend and frontend core versions.

Jira ID	Ticket ID	Description
BPUAA-18218		Error - "500 Internal Server Error" while clicking on Services Tab
BPUAA-18181		Connections page is not loading post upgrade
BPUAA-18098		Update core-ui solution to latest version
BPUAA-18052		Import failure status for some service loads observed with reason - "Transaction was rolled back, presumably because setRollbackOnly was called during a synchronization"
BPUAA-17952	C10593662	Unable to disable SNMP getbulk in communication settings
BPUAA-17939		For few dantel-webmon RA, digitalEventTrap traps are not reporting TrapOID in RA customization rules
BPUAA-17926	C10607513	Segment added to EVC does not display in EVC Editor after creation
BPUAA-17879		Once the service is loaded, UAA core is returning the "Value too long" error for the custom service field "ResiliencyType"
BPUAA-17805		Resync Inventory time stamp are not getting update properly
BPUAA-17796	C10602335	Node Action specified in Node Action Template cannot be sorted
BPUAA-17788	C10603034	Action is not being recorded in Security logs
BPUAA-17776	C10605476	After changing timezone setting in Preferences > Language and Region, the Received time format in the Alarms list looks wrong
BPUAA-17765		Delete button remains disabled after selecting "Select All" check box to delete all endpoints
BPUAA-17714		For some services, there is no response from UAA through kafka topic
BPUAA-17712	C10604426	While editing a node, the dual community configuration feature does not work
BPUAA-17685		ROA view is not available in context menu for L3VPN service types
BPUAA-17616	C10602339	The output of the workflow action is corrupted if the Japanese language pack is enabled
BPUAA-17608		UAA-core consumers getting killed causing import failure when huge data is imported
BPUAA-17581		Improve the naming convention of "L3 VPN" to "L3VPN" on Service Types page
BPUAA-17570	C10590577	Dashboard data is not refreshing after changing the date range
BPUAA-17541		Seeing NPE in bpuaa-integrator-error.log & few services on ROA UI are not seen on UAA connections page
BPUAA-17346		Layer 2 Network Discovery is not working for Nexus-9k and F5 devices
BPUAA-17312	C10598046	Swagger API: Retrieving alarms with limit parameter (Format: offset, count)

---

		fails
BPUAA-17290	C10598563	Endpoint screen does not display correctly when clicking on Source in Alarms & Events
BPUAA-17280		Site A & Site B fields in custom attributes are not showing complete text value
BPUAA-17137		Service type & service template are not being displayed for <service_channel> in UI, but the same is seen while editing the connection
BPUAA-17099	C10595482	Cannot set the default value of the custom alarm field if Japanese is entered as the default value

## Open/known issues in release 23.04.51

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-18261	Getting multiple errors after logging out of the UAA UI	N/A	N/A
BPUAA-17579	AI App: Cross Layer Stitching Cross Links and Optical Interfaces are not getting detected	Cross Links and Optical Interfaces will not be detected	N/A
BPUAA-17524	AI App: Fiber Degradation In progress Fiber Batch use case execution is not getting resumed on Active Inference container after failover	Batch Fiber use case will not be getting automatically resumed on new inference leader container	Re-run the Batch Fiber use case from the AI App dashboard page
BPUAA-15701	AI App: Alarm Prioritization AP Streaming Use case is unable to resume on new Active Site after failover of former Active Site	After Failover of Site A, AP Streaming use case didn't get resumed on Site B as expected	Re-run the AP Streaming use case from the AI App dashboard page
BPUAA-17770	Selecting "Update performance thresholds on all Services" under multi-edit is not assigning the Performance threshold policy to other services	Updating service threshold policies through multi edit will not work	Edit single service and update threshold policies
BPUAA-17604	Relative change from last poll alarms is not raising for some values even though it matches criteria in Performance threshold policies	Alarms will not raise even if the criteria is matched	N/A
BPUAA-17603	Relative change from last poll alarms is raising for wrong set of values in RA threshold policies	Alarms are raising for wrong set of values	N/A
BPUAA-17647	Background generation of metric chart widget is failing when limit results value is not set	Metric charts in the background will not be generated	Set an appropriate value to limit results field and then generate the metric chart in background
BPUAA-16700	EVC's not getting persisted	EVC's will not be discovered post fresh installation for the first time	Restart uaa-core app and then discover the EVC again
BPUAA-17559	Metric chart is not showing completely when baseline is plotted	When baseline is enabled, the metric charts will not be displayed correctly	N/A
BPUAA-17641	ACP is not applying when multi filter threshold value equal to 1	ACP will not apply if the threshold value is equal to 1	Update the threshold value to greater than or equals to (>=)
BPUAA-17753	Advance widget with token generation does not happen as per token value change in toolbar	Advance widget with token generation will not work when token value is changed in toolbar	Edit the widget and provide the token value to see the data

BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPUAA-10023	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-6161	No Localization support for Custom Fields	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A
<b>Known Issues (Core UI issues impacting UAA)</b>			
BPCOREUI-3690, BPCOREUI-3691, BPCOREUI-3692, BPCOREUI-3693, BPCOREUI-3694	UAA table pages will take longer time to load (~10 sec) for the first time when a new table page is opened	Users will see slowness in the table pages to load for the first time and if any operations are performed in that time period	Users will have to wait for the table to load completely first time and start using the system
BPCOREUI-3677	Error: "Cannot read properties of undefined (reading 'getProgressive'), (reading 'coordinateSystem')"	Cannot modify the chart widget	N/A
BPCOREUI-3679	Data set is not getting created for trend line/Percentile Series Widget when Compute Series is created with percentile/trendline	Dataset will not be created for trendline/Percentile series widget	N/A
BPCOREUI-3675	No option to change in dashboard	Will not be able to change	Create additional widget for



	token value in dashboard when widget with token is added	the token value	each token value separately
BPCOREUI-3542	User pages are failing to load under UAC	None of the user pages will load UAC	N/A
BPCOREUI-3154	Consolidation options for date ranges like Last x hours and Last x days not listing Hour/Day/Week/Month/Quarter/Y ear as consolidation options for fault summary chart and table widgets and PM widgets	Generation of fault summary reports with Last x hours and x days is not possible	N/A
BPCOREUI-3266	Date range is not saving when we schedule a Table Widget in report	Generated report will not have data according to the date range selected	N/A
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if re-sizing is done during load	It is not recommended to re-size the browser while the page loads
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPCOREUI-3375	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
<b>Upgrade Limitations</b>			
BPUAA-17703	Custom node fields are not carried forward post upgrade in Node Actions	Custom node fields will not be present	Re-create custom node fields post upgrade
BPUAA-10523	Active alarm components in dashboard are not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
BPUAA-10523	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
<b>Known Issue (Legacy Architecture to new architecture upgrade)</b>			
BPUAA-17695	Grouping expression is not retaining for service/EVC for Percentage availability/overall percentage availability	Grouping expression will not work for service/EVC	N/A
BPUAA-15693	Custom trees are blank post upgrade for ACL users	Edit of migrated custom tree will not work	Create new custom tree with same config
BPCOREUI-3672	Background generation of report is failing post upgrade	Background generation will not work	N/A

---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Login message/confirmation window is no longer available in UAA UI

# Bug Fixes 22.12.55

Release 22.12.55 fixes the following bugs –

NOTE	The bug fixes for 22.12.55 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.
	Additionally, several internal bug fixes and performance improvements have been made in this release.
	Ignore any inconsistency warnings in the information page of UAA related to backend and frontend core versions.

Jira ID	Ticket ID	Description
BPUAA-6445		Editing of custom tree created in old UI makes tree blank post upgrade to new architecture
BPUAA-17712	C10604426	Modifying dual community configuration is not working
BPUAA-17699		ROA Connection is not getting created for a service though it is present in ROA & external ID value is showing null for the service
BPUAA-17692		Connection v2 API is not returning ServiceType value if connection name is added as part of search query such as "name like 'HOP:fra-ca-000313-1/PORT-5<->fra-ic-000049/FastEthernet4'"
BPUAA-17685		ROA view is not available in context menu for L3VPN service types
BPUAA-17619	C10603575	Remove duplicate entries from Roles and Privileges section of the user guide
BPUAA-17581		"L3 VPN" should be renamed as "L3VPN" on UAA UI > Service Types page
BPUAA-17570	C10590577	Dashboard data does not refresh after modifying the date range
BPUAA-17569		UAA-ROA upgrade MOP is missing post upgrade steps
BPUAA-17544	C10602216	Incorrect column name in the admin guide for table: com.ciena.bp.uaa.pm.ethernet
BPUAA-17509		LINKDOWN alarms are not visible in Alarms page
BPUAA-17505	C10601617	Re-arrange few sections of the cloud deployment guide
BPUAA-17504		ROA view is available in context menu for all the service types in services page instead of service types like EVPN, EVPN-VPLS, EVPN-VLL, VPLS, VLL, L3 VPN, Tunnel
BPUAA-17498	C10602062	Workflow action template is not displayed for the alarm with only usergroup privilege
BPUAA-17490		Performing manual inventory resync gives duplicate node entries
BPUAA-17483		Include "Adding and Replacing BPUAA Hosts" section in deployment guide
BPUAA-17466		Connections: Unable to search with Hop name
BPUAA-17417	C10600598	Inventory sync discovering invalid endpoints
BPUAA-17407		Duplicate Endpoints (SHELF, Card, PORT) are getting created with same

		source name
BPUAA-17403		Deletion of Device Results in DELETION_TIMEOUT stating UAA response was not received
BPUAA-17385	C10599943	Remove unwanted/obsolete screenshots from the upgrade MOP
BPUAA-17363		Error - "Cannot read Properties" when user performs global search operation with sr2.blb
BPUAA-17360		NEC Radios not being discovered with correct resource adapter for SNMP device
BPUAA-17346		Layer 2 Network Discovery is not working for Nexus-9k and F5 devices
BPUAA-17312	C10598046	Swagger API: Retrieving alarms with limit parameter (Format: offset, count) fails
BPUAA-17290	C10598563	Endpoint screen does not display correctly when clicking on Source in Alarms & Events
BPUAA-17261		Probable cause is not displaying in UI for few alarms
BPUAA-17254	C10598052	Gateway parameter is missing in API query - /uaa-ui/network/nodes when compared legacy software
BPUAA-17252		Inventory is not syncing with UI even though sbc has response in kafka for RA's
BPUAA-17238		Alarms have stopped raising or clearing
BPUAA-17235	C10598048	No screen response with offset designation of REST-API_network-nodes
BPUAA-17214		Dependency view of connection does not show Endpoint's association to connection
BPUAA-17187	C10593976	Modify node fails for existing nodes post upgrade. Additionally, Site_id is displaying as empty
BPUAA-17179		Custom service field default values are not updating while creating from import
BPUAA-17112	C10593976	Not able to install resource adapters (RAs) and getting stuck in Installing state
BPUAA-17098	C10595211	When exporting alarm with visible columns, Custom Fields's value are showing empty
BPUAA-17069	C10596670	Resource Adapters are not synchronized on all uaa-core containers
BPUAA-17024		Add the procedure to install resource adapter in offline mode in UAA
BPUAA-15776		Endpoint import response on UAA kafka should have device name
BPUAA-15322		Blank Endpoints are created with blank source type for cisco-asr-920 RA and cisco-asr9000-series-netconf
BPUAA-13948		Update Node Action > Script Action on help to include information for remote script

## Open/known issues in release 22.12.55

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-17316	Automate the deletion of stale and orphan endpoints	N/A	Continue to use the manual way of deleting the stale and orphan endpoints
BPUAA-15727	Nodes are not in sync state post Geo-Red failover	Nodes will not be in sync state	Copy the profiles to the uaa_core leader instance manually will get the nodes to sync state
BPUAA-15171	Generation of Fault summary widget with bucket results enabled doesn't work for (Sum, Average, Percentage Availability, Overall Percentage Availability)	Generation of fault summary widget with bucket results enabled won't work for above options	N/A
BPCOREUI-3154	Consolidation options for date ranges like Last x hours and Last x days not listing Hour/Day/Week/Month/Quarter/Y ear as consolidation options for fault summary chart and table widgets and PM widgets	Generation of fault summary reports with Last x hours and x days is not possible	N/A
BPUAA-14967	Nodes having attachments are not listing the attachments from Context menu and node details page	Attachments will not be seen from Context menu and node details page	Attachments can be viewed using the node edit
BPPF-14824	Triggering failover from Geo-Red UI is not working	Not possible to trigger failover from Geo-Red UI	Use the terminal option to perform the Geo-Red failover
BPCOREUI-3266	Date range is not saving when we schedule a Table Widget in report	Generated report will not have data according to the date range selected	N/A
BPCOREUI-3326	UAC UI has header alignment issues in the grid	Headers will not be aligned properly to the column data	N/A
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if re-sizing is done during load	it is not recommended to re-size the browser while the page loads
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames

			with just case sensitivity
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPCOREUI-3375	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPUAA-10023	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-6161	No Localization support for Custom Fields	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A
<b>Upgrade Limitations</b>			
BPUAA-10523	Active alarm components in dashboard is not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
BPUAA-10523	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
<b>Known Issue (Legacy Architecture to new architecture upgrade)</b>			
BPUAA-15716	Data is not generating for table type summary widgets	Generation of Table type summary widgets is not possible	N/A

---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Login message/confirmation window is no longer available in UAA UI

## Bug Fixes 22.02.85

Release 22.02.85 fixes the following bugs –

### NOTE

The bug fixes for 22.02.85 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.

Additionally, several internal bug fixes and performance improvements have been made in this release.

If the upgrade is done from 21.02.xx/21.06.xx, then make sure to migrate all existing python2 scripts (such as Node Actions, Action Templates, Trouble Ticket scripts, Appmon Scripts etc.) to python3 before upgrade.

Jira ID	Ticket ID	Description
BPUAA-17716		"Sub-Interface" source type is not displaying in Resource Adaptor > Endpoints tab
BPUAA-17699		ROA Connection is not getting created for a service though it is present in ROA & external ID value is showing null for the service
BPUAA-17692		Connection v2 API is not returning ServiceType value if connection name is added as part of search query such as "name like 'HOP:fra-ca-000313-1/PORT-5<->fra-ic-000049/FastEthernet4'"
BPUAA-17685		ROA view is not available in context menu for L3VPN service types
BPUAA-17681		Inventory sync fails for the SNMP and Netconf Devices
BPUAA-17581		"L3 VPN" should be renamed as "L3VPN" on UAA UI > Service Types page
BPUAA-17569		UAA-ROA upgrade MOP is missing post upgrade steps
BPUAA-17509		LINKDOWN alarms are not visible in Alarms page
BPUAA-17505	C10601617	Re-arrange few sections of the cloud deployment guide
BPUAA-17504		ROA view is available in context menu for all the service types in services page instead of service types like EVPN, EVPN-VPLS, EVPN-VLL, VPLS, VLL, L3 VPN, Tunnel
BPUAA-17498	C10602062	Workflow action template is not displayed for the alarm with only usergroup privilege
BPUAA-17466		Connections: Unable to search with Hop name
BPUAA-17417	C10600598	Inventory sync discovering invalid endpoints
BPUAA-17407		Duplicate Endpoints (SHELF, Card, PORT) are getting created with same source name
BPUAA-17385	C10599943	Remove unwanted/obsolete screenshots from the upgrade MOP
BPUAA-17363		Error - "Cannot read Properties" when user performs global search operation with sr2.blb
BPUAA-17360		NEC Radios not being discovered with correct resource adapter for SNMP device



BPUAA-17346		Layer 2 Network Discovery is not working for Nexus-9k and F5 devices
BPUAA-17312	C10598046	Swagger API: Retrieving alarms with limit parameter (Format: offset, count) fails
BPUAA-17290	C10598563	Endpoint screen does not display correctly when clicking on Source in Alarms & Events
BPUAA-17254	C10598052	Gateway parameter is missing in API query - /uaa-ui/network/nodes when compared legacy software
BPUAA-17252		Inventory is not syncing with UI even though sbc has response in kafka for RA's
BPUAA-17238		Alarms have stopped raising or clearing
BPUAA-17235	C10598048	No screen response with offset designation of REST-API_network-nodes
BPUAA-17187	C10593976	Modify node fails for existing nodes post upgrade. Additionally, Site_id is displaying as empty
BPUAA-17179		Custom service field default values are not updating while creating from import
BPUAA-17112	C10593976	Not able to install resource adapters (RAs) and getting stuck in Installing state
BPUAA-17098	C10595211	When exporting alarm with visible columns, Custom Fields's value are showing empty
BPUAA-17024		Add the procedure to install resource adapter in offline mode in UAA
BPUAA-17014		Services received from ROA, don't have any "Service Type" updated against them and all showing system default template
BPUAA-16414	C10586345	Delete Orphan EP utility is not working
BPUAA-15322		Blank Endpoints are created with blank source type for cisco-asr-920 RA and cisco-asr9000-series-netconf

## Open/known issues in release 22.02.85

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-17881	Error – “Uncaught promise” while creating Topology with logical view	Topology with logical view cannot be created	N/A
BPUAA-15059	Authentication Protocol - Sha224, Sha256, Sha384, Sha512 are not available in Nodes page for SNMPv3	The mentioned authentication protocols will not be available for use	N/A
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if re-sizing is done during load	it is not recommended to re-size the browser while the page loads
BPUAA-14373	Report created with viz and image post upgrade shows only image	N/A	Need to create fault visualization after upgrade
BPUAA-9351	Generate background PDF report does not support alarm table	Alarm table added in the reports will not be generated in the pdf	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPCOREUI-3375	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPUAA-8788	Visualization option from EP/Service context menu not available	User cannot use context menu for EP/service as it is not introduced in 22.02.xx	Apply EP/Service control from Visualization page

BPCOREUI-3695	Widgets: Add to dashboard with Scheduling does not work	Scheduling does not work for users	N/A
BPCOREUI-1255	Multi select through keyboard (shift/ctrl select) in Alarms and Events pages is not available	Keyboard multi-select will not work	Select checkbox using mouse
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-6161	No Localization support for Custom Fields	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A
<b>Upgrade Limitations</b>			
BPUAA-10523	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
BPUAA-10523	Generated Reports table migration not supported	Generated reports in previous version will not be present post upgrade	N/A
BPUAA-9992	User Time Zone format migration not supported	User Time Zone format is not correct post upgrade	Manually set time zone from user preferences page
BPUAA-9992	Custom logo migration not supported	Custom logo is not present post upgrade	Manually set the custom logo in preferences page under App Bar UI
BPUAA-9992	Alarm setting's (Theme colors and configurations in System > Settings > Alarms) is not reflected after upgrade	Alarm setting are not present post upgrade	Manually user needs to update the Alarm settings post upgrade

---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Currently, mobile UI is not supported
- Login message/confirmation window is no longer available in UAA UI
- System > Overview page is no longer available

# New and Updated Features 23.04.46

Release 23.04.46 introduces the following new or updated features and support –

## Enhancements to worker and protection path for RCA (Root Cause Analysis)

The topology view has been enhanced -

- When Alarm is raised on Active / Stand by service under a protected service and Main service is affected (service alarm raised on main service), Endpoint under the included services will be the root cause alarm & affected service alarms will be correlated to it.
- When both active & standby services under protected service are down (having alarms) and effects the Main service with an alarm, Latest EP alarm of an included service will be the root cause alarm & service alarm will be correlated to it. other (either active/protected) service alarm will be correlated under its associated EP alarm OR EP under Main service has alarm it will be correlated to latest down root cause EP alarm.

## Ring Protection Modelling

Rings are modelled as protected-services with protection type as -

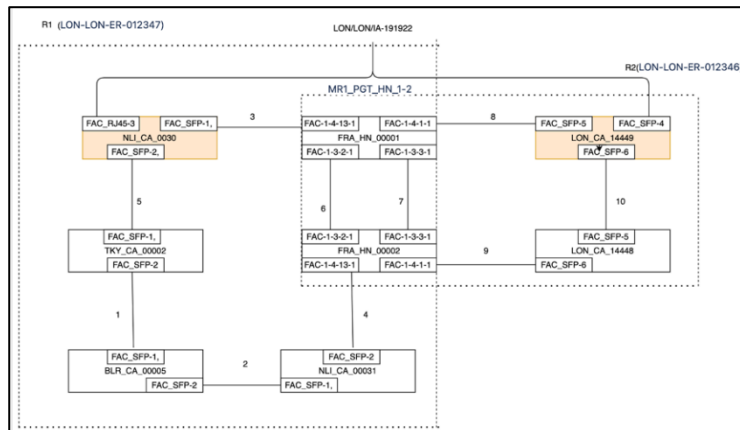
- “G8032\_RING” if the ring is G.8032
- Ring otherwise

Rings can be created/modified by -

- CSV/JSON import
- Swagger API

Service impact analysis (SIA) supported for Rings.

Planet Operate RA is modified to form ERP rings under ‘Protected Services’.



### NOTE

23.04 covers ring modelling only. Visualization will be covered in subsequent releases. Currently, there is no support from BPUAA UI to create ring. The current ring modelling is designed based on the Planet Operate data.

## Include Time Element to RCA (Root Cause Analysis)

The Root Cause Analysis has been enhanced to –

- Add time-based criteria on top of existing criteria to decide the root cause.
- Root Cause alarms are now decided based on following factors -
  - Alarm Classification > Alarm Severity > Alarm Sequence Number (*Received Time*)
- Added configuration to tune ‘rca\_alarm\_correlation\_window’.
- Provides more deterministic root cause alarm.

Classification	Sequence number	Related to sequence number	Applied RCA Rule	Source	Node	Count	Service name	Received time	Last received time	Duration	Specific pro
Port Failure	1098	0	NA_PER_EP	a.p2	node.a	1		Friday Mar 03 19:04:01 IST 2023	Friday Mar 03 19:04:01 IST 2023	0 Days 00:00:29	a.p2 is down-3
Port Failure	1097	1098	NA_PER_EP	a.p2	node.a	1		Friday Mar 03 19:04:01 IST 2023	Friday Mar 03 19:04:01 IST 2023	0 Days 00:00:29	a.p2 is down-2
Equipment failure	1096	1098	NA_PER_EP	a.p2	node.a	1		Friday Mar 03 19:04:01 IST 2023	Friday Mar 03 19:04:01 IST 2023	0 Days 00:00:29	a.p2 is down-1

Higher Classification + Higher Severity

Classification	Sequence number	Related to sequence number	Applied RCA Rule	Source	Node	Count	Service name	Received time	Last received time	Duration	Specific problem
Port Failure	1094	0	NA_PER_EP	8:52	node-a	1		Friday Mar 03 19:02:43 IST 2023	Friday Mar 03 19:02:43 IST 2023	0 Days 00:00:02	a-p2 is down-1
Port Failure	1095	1094	NA_PER_EP	8:52	node-a	1		Friday Mar 03 19:02:43 IST 2023	Friday Mar 03 19:02:43 IST 2023	0 Days 00:00:04	a-p2 is down-3
Equipment failure	1093	1094	NA_PER_EP	8:52	node-a	1		Friday Mar 03 19:02:43 IST 2023	Friday Mar 03 19:02:43 IST 2023	0 Days 00:00:04	a-p2 is down-1

Higher Classification + Sequence Number

Classification	Sequence number	Related to sequence number	Applied RCA Rule	Source	Node	Count	Service name	Received time	Last received time	Duration	Specific problem
Port Failure	1099	0	NA_PER_EP	8:52	node-a	1		Friday Mar 03 19:05:12 IST 2023	Friday Mar 03 19:05:12 IST 2023	0 Days 00:00:12	a-p2 is down-1
Port Failure	1100	1099	NA_PER_EP	8:52	node-a	1		Friday Mar 03 19:05:12 IST 2023	Friday Mar 03 19:05:12 IST 2023	0 Days 00:00:13	a-p2 is down-2
Port Failure	1101	1099	NA_PER_EP	8:52	node-a	1		Friday Mar 03 19:05:12 IST 2023	Friday Mar 03 19:05:12 IST 2023	0 Days 00:00:13	a-p2 is down-3

Same Classification + Sequence Number

## NOTE

For backend tuned 'rca\_alarm\_correlation\_window' -

- Configured window period is from 1 to 20 min
- If value configured is less than or equals to '0' and greater than 20, value gets reset to '20 mins'

Received time can be same between correlated alarms. UAA considers the sequence number to identify the oldest alarm for future enhancements.

## Graph Based Correlation (Root Cause Analysis)

Enhanced graph-based correlation to add more scenarios allowing to suppress alarms as the Root Cause alarms. Additionally, disabled default Alarm Correlation Policies when RCA is implemented.

This helps in Providing multi-level parent child correlation support and increasing efficiency by grouping more symptomatic alarms to right root cause alarm.

The following scenarios are added to RCA –

- Scenario-1:** Service segment relationship correlation
- Scenario-2:** Hierarchy level correlation
- Scenario-3:** Multi level hierarchy correlation

## NOTE

If ACP & RCA are both enabled concurrently, it could result in a conflict where alarms may get related to each other and suppressed.  
RC alarm must have higher priority classification than the Classification 'OTHER\_FAILURE'.

## Support to use different mount points for log files

Added support for selecting a different mount point for log file from the default `/var/log/ciena` during the deployment of UAA.

### Dual index support for Nokia OLT

Added support for SNMP based PM Collection from Nokia OLT with different Index based on the PM metric polled.

This is implemented to mitigate the challenge of an endpoint being identified with one index in inventory, and the same endpoint being referred using different index in metric table.

Performance Metrics > US BIP 8 ERRORS

Properties Chart Options Parameters History Parameters

Parameter Properties

Name: bponPonStatsBerUpstream Hex to Decimal: ☐

Collector: Snmp Enable Regex: ☐

OID: .1.3.6.1.4.1.637.61.1.35.11.4.1.3

Value Type: Counter

Indexed: ☒

Auxiliary Index: ☒

### Neo4j version upgrade to 4.x

Added support for UAA apps to be compatible with Platform Neo4j version 4.x

### Enhancements to AI App - Cross Layer Stitching

Added the functionality to allow user to update the "Connection" information in UAA and create specific services associated with the new cross layer links found.

Once the "Update Topology" field is set to "true", the result will be used to update UAA connection database while starting the cross-layer stitching inference use case.

Cross-layer stitching inference parameters

Model Name \* bpuua\_xls\_model

Model Tag \* production

Sliding Window \* 1

Bin Type \* 15m

Inference Interval \* 1

Sensitivity/Recall \* 0.9

Update Topology Flag \* false

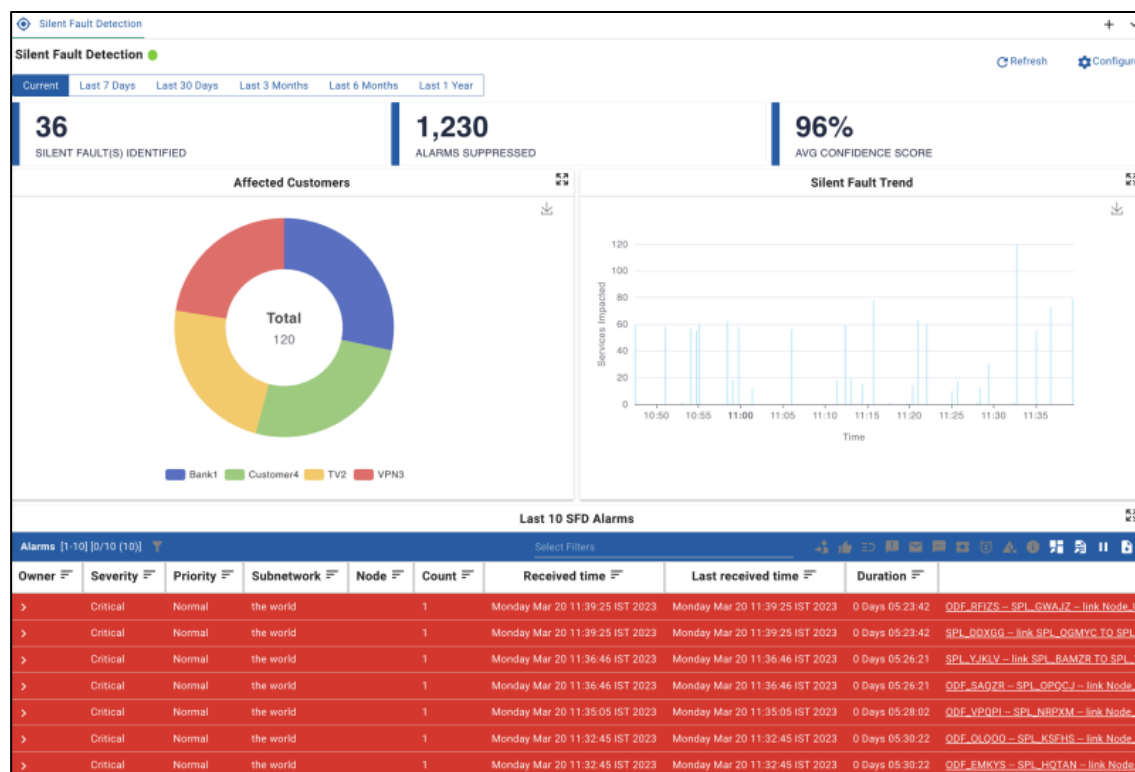
Service Template ID \* Default\_Layer2\_LAG\_Service\_Template

Restore Defaults Cancel Save & Run

### Enhancements to AI App – Silent Fault Detection – GPON

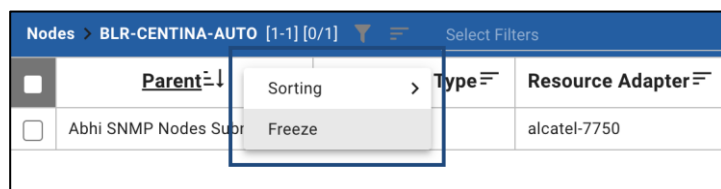
A new Silent Fault Detection dashboard is now provided in the UAA menu bar. A summary of the recent root causes identified (*raised as smart alarms*) and their corresponding symptomatic alarms are available in this dashboard.

The Silent Fault Detection AI app has now been improved to ignore any symptomatic devices for which their parent devices exhibit any of a pre-defined set of alarms.



## Support to freeze columns of table

Added ability on table pages to freeze/unfreeze the column of the page during horizontal scroll of the page.



A simple right click on the column opens the context menu using which the user can freeze/unfreeze the column.

**NOTE** | Currently the freeze column feature is not available for Alarms and Events page.

## Additional Enhancements

### Add partitioning logic to the Fault Comments Table

- **Fault Comments**
  - Fault comments are used to track all user actions that are performed on a particular alarm. Comments are added in the alarm journal that is available on alarm detail page.
  - Currently, all the comments being stored in a table in Postgres DB. The comments can be added manually via UI or via Workflows or via REST API.



- Fault Comments table was never partitioned and due to this, any time the system truncates the Fault History (to enforce the Fault retention policy), comments had to be deleted using DELETE SQL query which is very inefficient. DELETE query performs worse as data grows.

- **Improvements**

- Moved the comment table to the ClickHouse DB
- Created the partition based on 'Commented Time'
- Truncation occurs every day
- Expanded the max length for the Comment from 512 to 4096 characters

Alarms Journal		
Commented By	Commented Time	Comment
bpuaauser	Wed Dec 07 19:36:46 IST 2022	Cleared
bpuaauser	Wed Dec 07 19:36:07 IST 2022	Cleared
Workflow:Alarm Modify: [New Action]	Tue Dec 06 18:55:00 IST 2022	Set severity to Minor
bpuaauser	Tue Dec 06 14:57:45 IST 2022	Cleared
bpuaauser	Tue Dec 06 14:52:00 IST 2022	Assigned to user bpuaauser
bpuaauser	Tue Dec 06 14:52:00 IST 2022	Cleared

## Support for Async Ticketing System

- New check box for async will be introduced as part of TT settings/configuration page.
- Async calls will not wait for ticket id response. Fire a request and forget approach.

Settings > Trouble Ticket

[Properties](#)
Trouble Ticket Template

### Trouble Ticket

Ticket System Type:
Generic

Enabled:
☐

Host Name:
localhost

User Name:

Password:

Open single ticket for multiple alarms:
☐

Update ticket with alarm comments:
☒

Update ticket when alarm clears:
☒

Close ticket when alarm clears:
☐

Async ticketing system:
☒

\* Create ticket script filename:
Select

\* Update ticket script filename:
Select

\* Close ticket script filename:
Select

Static Arguments:

## Open/known issues in release 23.04.46

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-17579	AI App: Cross Layer Stitching Cross Links and Optical Interfaces are not getting detected	Cross Links and Optical Interfaces will not be detected	N/A
BPUAA-17524	AI App: Fiber Degradation In progress Fiber Batch use case execution is not getting resumed on Active Inference container after failover	Batch Fiber use case will not be getting automatically resumed on new inference leader container	Re-run the Batch Fiber use case from the AI App dashboard page
BPUAA-15701	AI App: Alarm Prioritization AP Streaming Use case is unable to resume on new Active Site after failover of former Active Site	After Failover of Site A, AP Streaming use case didn't get resumed on Site B as expected	Re-run the AP Streaming use case from the AI App dashboard page
BPUAA-17770	Selecting "Update performance thresholds on all Services" under multi-edit is not assigning the Performance threshold policy to other services	Updating service threshold policies through multi edit will not work	Edit single service and update threshold policies
BPUAA-17604	Relative change from last poll alarms is not raising for some values even though it matches criteria in Performance threshold policies	Alarms will not raise even if the criteria is matched	N/A
BPUAA-17603	Relative change from last poll alarms is raising for wrong set of values in RA threshold policies	Alarms are raising for wrong set of values	N/A
BPUAA-17647	Background generation of metric chart widget is failing when limit results value is not set	Metric charts in the background will not be generated	Set an appropriate value to limit results field and then generate the metric chart in background
BPUAA-16700	EVC's not getting persisted	EVC's will not be discovered post fresh installation for the first time	Restart uaa-core app and then discover the EVC again
BPUAA-17559	Metric chart is not showing completely when baseline is plotted	When baseline is enabled, the metric charts will not be displayed correctly	N/A
BPUAA-17641	ACP is not applying when multi filter threshold value equal to 1	ACP will not apply if the threshold value is equal to 1	Update the threshold value to greater than or equals to ( $\geq$ )
BPUAA-17753	Advance widget with token generation does not happen as per token value change in toolbar	Advance widget with token generation will not work when token value is changed in toolbar	Edit the widget and provide the token value to see the data
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI	User will have to configure their email in 2 places	N/A

	for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards		
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPUAA-10023	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-6161	No Localization support for Custom Fields	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A
<b>Known Issues (Core UI issues impacting UAA)</b>			
BPCOREUI-3683	UAA table pages will take longer time to load (~10 sec) for the first time when a new table page is opened  <b>NOTE:</b> The issue is expected to be fixed in MR1.	Users will see slowness in the table pages to load for the first time and if any operations are performed in that time period there could be chances of Awsnap/ Unresponsiveness expected	Users will have to wait for the table to load completely first time and start using the system
BPCOREUI-3677	Error: "Cannot read properties of undefined (reading 'getProgressive'), (reading 'coordinateSystem')" under chart widgets	Cannot modify the chart widget	N/A
BPCOREUI-3679	Data set is not getting created for trend line/Percentile Series Widget when Compute Series is created	Dataset will not be created for trendline/Percentile series	N/A

	with percentile/trendline	widget	
BPCOREUI-3675	No option to change in dashboard token value in dashboard when widget with token is added	Will not be able to change the token value	Create additional widget for each token value separately
BPCOREUI-3154	Consolidation options for date ranges like Last x hours and Last x days not listing Hour/Day/Week/Month/Quarter/Y ear as consolidation options for fault summary chart and table widgets and PM widgets	Generation of fault summary reports with Last x hours and x days is not possible	N/A
BPCOREUI-3266	Date range is not saving when we schedule a Table Widget in report	Generated report will not have data according to the date range selected	N/A
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if re-sizing is done during load	It is not recommended to re-size the browser while the page loads
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPCOREUI-3375	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
<b>Upgrade Limitations</b>			
BPUAA-17703	Custom node fields are not carried forward post upgrade in Node Actions	Custom node fields will not be present	Re-create custom node fields post upgrade
BPUAA-10523	Active alarm components in dashboard are not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
BPUAA-10523	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
<b>Known Issue (Legacy Architecture to new architecture upgrade)</b>			
BPUAA-17695	Grouping expression is not retaining for service/EVC for Percentage availability/overall percentage availability	Grouping expression will not work for service/EVC	N/A
BPUAA-15693	Custom trees are blank post upgrade for ACL users	Edit of migrated custom tree will not work	Create new custom tree with same config
BPCOREUI-3672	Background generation of report is failing post upgrade	Background generation will not work	N/A

---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Login message/confirmation window is no longer available in UAA UI

# Bug Fixes 22.12.53

Release 22.12.53 fixes the following bugs –

NOTE	The bug fixes for 22.12.53 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.
	Additionally, several internal bug fixes and performance improvements have been made in this release.
	Ignore any inconsistency warnings in the information page of UAA related to backend and frontend core versions.

Jira ID	Ticket ID	Description
BPUAA-17312	C10598046	Retrieving alarms with limit parameter (Format: offset, count) is not working
BPUAA-17210	C10589872	Unable to establish connection using socket with uaa-pm-db
BPUAA-17186	C10587370	Creating subnet shows duplicate subnetwork for the user
BPUAA-17137		Service type & template are not being displayed for <service_channel> in UI, however the same is seen while editing the connection
BPUAA-17111		Name is displaying as NULL in the discovery logs
BPUAA-17087		Node import fails due to node name case insensitive issue. Improve error message with appropriate response
BPUAA-17048		User friendly message is not displayed when user deletes custom alarm fields
BPUAA-17026		Default Search option is not working in Node details > Alarms tab view
BPUAA-17023		Custom Service Fields page does not have provision to change the column size like Node/Endpoint/Alarm custom fields
BPUAA-17014		Services Received from ROA, don't have any "Service Type" updated against them and assigned with System Default Template
BPUAA-16997	C10593664	LongId is set to 0 when managed_object is queried from clickhouse on a newly created metrics
BPUAA-16923	C10594869	The system displays list of subnetworks belonging to default domain instead of selected domain
BPUAA-16880		MEP endpoint is not getting created due to same xpath
BPUAA-16879	C10588666	Poll Count in Performance Threshold Policies is set to 0, while message is showing - it should be between 1 and 100
BPUAA-16856		All the alarms under respective custom tree are not displaying when user selects root of custom tree expansion
BPUAA-16833	C10591557	While generating a widget which includes the metrics: IN Total Bytes and OUT Total Bytes, it gets stuck in loading state for a very long time and eventually displays the message "No data to display"
BPUAA-16817		Unable to update the Custom service fields
BPUAA-16691		Alarms & Events page is not refreshing automatically

BPUAA-16675		Custom Trees are stuck on loading due to new line in data
BPUAA-16672	C10592093	Error occurs while raising a Trouble Ticket
BPUAA-16531	C10590834	Search Query Filter based on 'Duration' is not working as expected in REST API
BPUAA-16506		Core Kafka is not responding for some kafka messages produced by Integration layer
BPUAA-16427		Not able to execute the workflow script in uaa-fme due to non-availability of latest urllib3
BPUAA-16414	C10586345	Bulk deletion of orphan Endpoints utility is not working
BPUAA-16215	C10587102	ICMP ping application monitor is failing with timeout error
BPUAA-16081		Sending email from Workflow config is not working in Alarms and Events page when TLS is configured in SMTP
BPUAA-15847		Add "Packet Broker" device type in the devicetype.java ENUM file
BPUAA-15581		Missing PM metric from MCP data collection
BPUAA-15580		PM data is not showing in UI via Alarms page
BPUAA-11139	C10468993	Validation is not working on multi-edit of Nodes

## Open/known issues in release 22.12.53

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-15727	Nodes are not in sync state post Geo-Red failover	Nodes will not be in sync state	Copy the profiles to the uaa_core leader instance manually will get the nodes to sync state
BPUAA-15171	Generation of Fault summary widget with bucket results enabled doesn't work for (Sum, Average, Percentage Availability, Overall Percentage Availability)	Generation of fault summary widget with bucket results enabled won't work for above options	N/A
BPCOREUI-3154	Consolidation options for date ranges like Last x hours and Last x days not listing Hour/Day/Week/Month/Quarter/Y ear as consolidation options for fault summary chart and table widgets and PM widgets	Generation of fault summary reports with Last x hours and x days is not possible	N/A
BPUAA-14967	Nodes having attachments are not listing the attachments from Context menu and node details page	Attachments will not be seen from Context menu and node details page	Attachments can be viewed using the node edit
BPPF-14824	Triggering failover from Geo-Red UI is not working	Not possible to trigger failover from Geo-Red UI	Use the terminal option to perform the Geo-Red failover
BPCOREUI-3266	Date range is not saving when we schedule a Table Widget in report	Generated report will not have data according to the date range selected	N/A
BPCOREUI-3326	UAC UI has header alignment issues in the grid	Headers will not be aligned properly to the column data	N/A
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if re-sizing is done during load	it is not recommended to re-size the browser while the page loads
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations	CSV and XML imports will not work	Use REST API for import



	objects not supported		
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPCOREUI-3375	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPUAA-10023	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-6161	No Localization support for Custom Fields	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A
<b>Upgrade Limitations</b>			
BPUAA-10523	Active alarm components in dashboard is not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
BPUAA-10523	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
<b>Known Issue (Legacy Architecture to new architecture upgrade)</b>			
BPUAA-15716	Data is not generating for table type summary widgets	Generation of Table type summary widgets is not possible	N/A

---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Login message/confirmation window is no longer available in UAA UI

## Bug Fixes 22.02.83

Release 22.02.83 fixes the following bugs –

### NOTE

The bug fixes for 22.02.83 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.

Additionally, several internal bug fixes and performance improvements have been made in this release.

If the upgrade is done from 21.02.xx/21.06.xx, then make sure to migrate all existing python2 scripts (such as Node Actions, Action Templates, Trouble Ticket scripts, Appmon Scripts etc.) to python3 before upgrade.

Jira ID	Ticket ID	Description
BPUAA-907		View PM template details option should not be enabled for multi-select of End points from Endpoints page and Resource Adapter page
BPUAA-4109		Breadcrumb based on tree selection is not shown while adding object to Scheduled Maintenance
BPUAA-17088		Invalid date is displayed under data time column in End Point Performance chart table view
BPUAA-16997	C10593664	When performance metrics updated, they are not pushed to clickhouse
BPUAA-16923	C10594869	The system displays list of subnetworks belonging to default domain instead of selected domain
BPUAA-16879	C10588666	Poll Count in Performance Threshold Policies is set to 0, while message is showing - it should be between 1 and 100
BPUAA-16833	C10591557	While generating a widget which includes the metrics: IN Total Bytes and OUT Total Bytes, it gets stuck in loading state for a very long time and eventually displays the message "No data to display"
BPUAA-16798		Resync time stamps are not getting updated for Passive device end points
BPUAA-16691	234566	Alarms & Events page is not refreshing automatically
BPUAA-16672	C10592093	Error occurs while raising a Trouble Ticket
BPUAA-16556		Add support to enable SNMP4J Logging
BPUAA-16531	C10590834	Search Query Filter based on 'Duration' is not working as expected in REST API
BPUAA-16427		urllib3 dependency is required in uaa-fme to run workflow scripts
BPUAA-16413		uaa-ui security logs are flooding with Authorization header undefined error
BPUAA-16344		Getting an exception while trying to apply filter created on custom field "InventoryLoadTime"
BPUAA-16338	C10588668	Unable to set event threshold value to 0 or lower in Alarm Correlation Policies
BPUAA-16287		Exceptions occur in the med core while mapping the Flow Point as a parent for Endpoint
BPUAA-16286		Unable to create service type without layer

BPUAA-16215	C10587102	ICMP ping application monitor is failing with timeout
BPUAA-16145	C10583832	Application Monitor failing after Changes to Nagios plugin path
BPUAA-16120		SMTP email send from alarm is not working if included user is the same default logged in user
BPUAA-16118		Alarm Correlation is triggering prematurely
BPUAA-16101	C10586128	Unable to delete Application Monitor Template discovery rule without modifying other properties in edit of template
BPUAA-16081		Sending email from Workflow config is not working in Alarms and Events page when TLS is configured in SMTP
BPUAA-16070	C10585361	Application Monitoring Template are not getting assigned to Node with protocol as NONE
BPUAA-16056	C10585284	Application Monitor which is using Nagios RA is failing with error "DNS CRITICAL - '/usr/bin/nslookup -sil' msg parsing exited with no address"
BPUAA-16044		No support is present for CONTAINS operator in widget filters when ENUM columns are selected while creating filters for widgets
BPUAA-16040		Incorrect data is showing under Service template id in Connections page
BPUAA-16023		Inventory is created even if RA is not installed
BPUAA-16011		Getting operational failed error when user modifies the severity for Performance Threshold Policies
BPUAA-15994	C10584556	Not able to view Note Template and Endpoint Template when a user is assigned to a domain.
BPUAA-15927	210028	<p>Add the ability to add existing end point to another service from swagger-ui without the need to disassociating it from the previous service first.</p> <p>A note in the Swagger UI has been added as below -</p> <p><b>NOTE:</b> If an Endpoint is already associated with a service, then the specific Endpoint will get disassociated from earlier Service before getting associated to the new Service</p>
BPUAA-15905		Users are not mapped with user groups post upgrade
BPUAA-15903		Improve performance of epUtils.sh script by using only the endpoint ID to delete the orphan endpoints
BPUAA-15847		Add "Packet Broker" device type in the devicetype.java ENUM file
BPUAA-15802		Passive Node Template is mismatched in RA page and Nodes page
BPUAA-15581		Missing PM metric from MCP data collection
BPUAA-15580		PM data is not showing in UI via Alarms page
BPUAA-15561		Visualization and service hyper link issues for any service details page
BPUAA-15535		Last execution time and Next execution time on Discovery > Schedule tab is not populated
BPUAA-15358		Multiple Nagios alerts post-upgrade
BPUAA-15095		Orphan endpoints are reappearing for KJC-R001 and taking very long time to

---

		delete via Swagger API
BPUAA-11139	C10468993, C10579560	Validation is not working on multi-edit of Nodes
BPUAA-10868		Update help for Dashboard Scheduling options

## Open/known issues in release 22.02.83

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-15059	Authentication Protocol - Sha224, Sha256, Sha384, Sha512 are not available in Nodes page for SNMPv3	The mentioned authentication protocols will not be available for use	N/A
BPUAA-15893	Few Nodes are struck in Synchronized Inventory state due to Kafka size limitation in UAA-SBC	Nodes will not be available	N/A
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if re-sizing is done during load	it is not recommended to re-size the browser while the page loads
BPUAA-15373	Root cause analysis using Previous hop use case is not correlating the alarms when those nodes are part of a service	Alarms will not be correlated for this use case	N/A
BPUAA-14373	Report created with viz and image post upgrade shows only image	N/A	Need to create fault visualization after upgrade
BPUAA-10860	Chart visualization does not work for pdf generation	PDF generation will not work for chart visualization	N/A
BPUAA-9107	Generated report is blank when trying to add alarm reports	Generated reports will be blank for alarm pages	N/A
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPUAA-9351	Generate background PDF report does not support alarm table	Alarm table added in the reports will not be generated in the pdf	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPCOREUI-1354	Exporting pdf with maximum row	Export PDF/CSV max limit	Export PDF/CSV max limit is not

	limit is not supported	is not configurable	configurable; it will use default values set in software.  maxColumnCount = 80; maxCellCount = 100000; maxRowCount = 10000; maxZipRowCount = 20000; maxPDFColumnCount = 80; maxPDFCellCount = 100000; maxPDFRowCount = 10000;
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPCOREUI-3375	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPUAA-8788	Visualization option from EP/Service context menu not available	User cannot use context menu for EP/service	Apply EP/Service control from Visualization page
BPUAA-10023	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPCOREUI-1255	Multi select through keyboard (shift/ctrl select) in Alarms and Events pages is not available	Keyboard multi-select will not work	Select checkbox using mouse
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-6161	No Localization support for Custom Fields	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A

## Upgrade Limitations

BPUAA-10523	Active alarm components in dashboard is not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
BPUAA-10523	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
BPUAA-10523	Generated Reports table migration not supported	Generated reports in previous version will not be present post upgrade	N/A
BPUAA-9992	User Time Zone format migration not supported	User Time Zone format is not correct post upgrade	Manually set time zone from user preferences page
BPUAA-9992	Custom logo migration not	Custom logo is not present	Manually set the custom logo in

---

	supported	post upgrade	preferences page under App Bar UI
BPUAA-9992	Alarm setting's (Theme colors and configurations in System > Settings > Alarms) is not reflected after upgrade	Alarm setting are not present post upgrade	Manually user needs to update the Alarm settings post upgrade



---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Currently, mobile UI is not supported
- Login message/confirmation window is no longer available in UAA UI
- System > Overview page is no longer available

## Bug Fixes 22.12.49

Release 22.12.49 fixes the following bugs –

### NOTE

The bug fixes for 22.12.49 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.

Additionally, several internal bug fixes and performance improvements have been made in this release.

Ignore any inconsistency warnings in the information page of UAA related to backend and frontend core versions.

Jira ID	Ticket ID	Description
BPUAA-16534		uaa-core old space utilization gets filled when Nodes with huge EPs are added at once
BPUAA-16458, BPUAA-15893		Improve the Kafka size limitation in UAA-SBC and set the limit to 30MB so that the OLT Nodes are not stuck in synchronized inventory state.  <b>NOTE:</b> Message characteristics are upgraded/modified such that the repeatability of values is globally defined in the Kafka's sbc.request
BPUAA-16413		uaa-ui security logs get flooded with Authorization header undefined error
BPUAA-16352		Widget results are limited to 200 rows (Table > Advanced widget)
BPUAA-16340	C10588673	While trying to add a Subnetwork or Subtree to the match condition in the Widget Query Builder, the returned list is not complete
BPUAA-16338	C10588668	Unable to set event threshold value to 0 or lower in Alarm Correlation Policies
BPUAA-16328		Keep alive does not get triggered if the previous response is not received
BPUAA-16319	C10588664	Remote Node Actions are not working
BPUAA-16287		Exceptions occur in the med core while mapping the Flow Point as a parent for Endpoint
BPUAA-16286		Unable to create service type without a layer
BPUAA-16239		Error: "An Error has occurred. Deleting Connection Failed" while trying to access some connections in UAA
BPUAA-16234, BPUAA-16186	C10586387, C10586343	Performance Metric collection inconsistencies in UAA
BPUAA-16145	C10583832	Application Monitor failure after changing the path of Nagios RA from <code>/usr/lib64/nagios/plugins</code> to <code>/usr/lib/nagios/plugins</code>
BPUAA-16120		SMTP email send from alarm is not working if included user is the same default logged in user
BPUAA-16103		Update button is getting enabled even if there is no edit made in the service edit page
BPUAA-16101	C10586128	Unable to delete Application Monitor Template discovery rule without

		modifying other properties in edit of template
BPUAA-16070	C10585361	Application Monitoring Template are not getting assigned to Node with protocol as NONE
BPUAA-16056	C10585284	Application Monitor which is using Nagios RA is failing with error "DNS CRITICAL - '/usr/bin/nslookup -sil' msg parsing exited with no address"
BPUAA-16023		Inventory is created even if RA is not installed
BPUAA-16011		Getting operational failed error when user modifies the severity for Performance Threshold Policies
BPUAA-15994	C10584556	Not able to view Note Template and Endpoint Template when a user is assigned to a domain.
BPUAA-15927		<p>Add the ability to add existing end point to another service from swagger-ui without the need to disassociating it from the previous service first.</p> <p>A note in the Swagger UI has been added as below -</p> <p><b>NOTE:</b> If an Endpoint is already associated with a service, then the specific Endpoint will get disassociated from earlier Service before getting associated to the new Service</p>
BPUAA-15903		Improve performance of epUtils.sh script by using only the endpoint ID to delete the orphan endpoints
BPUAA-15898		ACP is not applying as per the filter condition when multiple filters are configured
BPUAA-15894		Add script support to identify and update nagios-pm RA to extend support for all fault queues.
BPUAA-15879	C10582752	selfMonUtil.py fails if it is not executed with sudo permissions
BPUAA-15802		Passive Node Template is mismatched in RA page and Nodes page
BPUAA-15580		PM data is not showing in UI via Alarms page
BPUAA-15561		Visualization and service hyper link issues for any service details page
BPUAA-15358		Multiple Nagios alerts post-upgrade
BPUAA-15231		Multi-select of snapshot makes a snapshot for the 1 <sup>st</sup> EVC only
BPUAA-15095		Orphan endpoints are reappearing for KJC-R001 and taking very long time to delete via Swagger API
BPUAA-13933		No Node EP is getting created for Passive nodes
BPUAA-12001		Add new PM ParmTypes - TOTAL_STRING_VOLTAGE and INVERTER_STATUS for cable modem device
BPUAA-4109		Breadcrumb based on tree selection is not shown while adding object to Scheduled Maintenance

## Open/known issues in release 22.12.49

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-15727	Nodes are not in sync state post Geo-Red failover	Nodes will not be in sync state	Copy the profiles to the uaa_core leader instance manually will get the nodes to sync state
BPUAA-15171	Generation of Fault summary widget with bucket results enabled doesn't work for (Sum, Average, Percentage Availability, Overall Percentage Availability)	Generation of fault summary widget with bucket results enabled won't work for above options	N/A
BPCOREUI-3154	Consolidation options for date ranges like Last x hours and Last x days not listing Hour/Day/Week/Month/Quarter/Year as consolidation options for fault summary chart and table widgets and PM widgets	Generation of fault summary reports with Last x hours and x days is not possible	N/A
BPUAA-14967	Nodes having attachments are not listing the attachments from Context menu and node details page	Attachments will not be seen from Context menu and node details page	Attachments can be viewed using the node edit
BPPF-14824	Triggering failover from Geo-Red UI is not working	Not possible to trigger failover from Geo-Red UI	Use the terminal option to perform the Geo-Red failover
BPCOREUI-3266	Date range is not saving when we schedule a Table Widget in report	Generated report will not have data according to the date range selected	N/A
BPCOREUI-3326	UAC UI has header alignment issues in the grid	Headers will not be aligned properly to the column data	N/A
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if re-sizing is done during load	it is not recommended to re-size the browser while the page loads
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations	CSV and XML imports will not work	Use REST API for import

	objects not supported		
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPCOREUI-3375	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPUAA-10023	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-6161	No Localization support for Custom Fields	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A
<b>Upgrade Limitations</b>			
BPUAA-10523	Active alarm components in dashboard is not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
BPUAA-10523	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
<b>Known Issue (Legacy Architecture to new architecture upgrade)</b>			
BPUAA-15716	Data is not generating for table type summary widgets	Generation of Table type summary widgets is not possible	N/A
BPUAA-15693	Custom trees are blank post upgrade for ACL users	Edit of migrated custom tree will not work	Create new custom tree with same config

---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Login message/confirmation window is no longer available in UAA UI

## Bug Fixes 22.02.80

Release 22.02.80 fixes the following bugs –

The bug fixes for 22.02.80 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.

Additionally, several internal bug fixes and performance improvements have been made in this release.

**NOTE** If the upgrade is done from 21.02.xx/21.06.xx, then make sure to migrate all existing python2 scripts (such as Node Actions, Action Templates, Trouble Ticket scripts, Appmon Scripts etc.) to python3 before upgrade.

**BPUAA-13251:** Blue Planet recommends changing all the **required** nodes into unmanaged state before performing a multi delete of nodes. If not done, the multi delete of required nodes might result into partial deletion of the nodes due to the existence of few managed nodes.

Jira ID	Ticket ID	Description
BPUAA-15839	C10580884	Unable to set SNMPv3 username while multi-editing nodes
BPUAA-15838	C10580857	Self-Monitoring site is not getting created
BPUAA-15835	C10580921	Changing community string during multi-select gives a success message, but the changes are not saved
BPUAA-15790	C10579670	Fine tune the UAA-FME internal fault queues
BPUAA-15728	C10579548	Workflow filter retrieves Node names from Alarms table instead of Nodes list
BPUAA-15682		Netconf connection leak in java dump
BPUAA-15462		Dashboard functionality is broken post upgrade from UAA 20.02.xx
BPUAA-15369		For certain connection(s), Endpoints are visible in Endpoints tab when navigated to connection via service dependencies, but same endpoints are not visible when directly open in the connections page
BPUAA-15351		Topology Diagram does not show actual service type layering for infra service like wavelength
BPUAA-15322		Blank Endpoint created with blank source type for cisco-asr-920 RA and cisco-asr9000-series-netconf
BPUAA-15307	C10500855	Multi-select deletion of nodes gives generic error message when it fails due to nodes being managed
BPUAA-12623		Endpoints not getting merged with Endpoints created by Alarms
BPUAA-11139	C10468993	Broken validation check during multi-edit of nodes

## Open/known issues in release 22.02.80

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-15802	Passive node template is mismatched in Resource Adapter page and Nodes page	Passive node template will incorrectly be applied	Edit node and apply the correct node template based on the RA node template
BPUAA-15893	Few Nodes are struck in Synchronized Inventory state due to Kafka size limitation in UAA-SBC	Nodes will not be available	N/A
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if re-sizing is done during load	it is not recommended to re-size the browser while the page loads
BPUAA-15373	Root cause analysis using Previous hop use case is not correlating the alarms when those nodes are part of a service	Alarms will not be correlated for this use case	N/A
BPUAA-14422	RA are not loading after the upgrade even it is present inside container opt/data/profiles	Nodes will not get synchronized	Workaround provided in upgrade MOP 22.02-65+
BPUAA-13251	Deletion of nodes when using multi-selection only partially deleting them	Deletion of nodes when using multi-selection only partially deleting them	change all the <b>required</b> nodes into unmanaged state before performing a multi delete of nodes
BPUAA-14373	Report created with viz and image post upgrade shows only image	N/A	Need to create fault visualization after upgrade
BPUAA-10860	Chart visualization does not work for pdf generation	PDF generation will not work for chart visualization	N/A
BPUAA-9107	Generated report is blank when trying to add alarm reports	Generated reports will be blank for alarm pages	N/A
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPUAA-9351	Generate background PDF report does not support alarm table	Alarm table added in the reports will not be generated in the pdf	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations	CSV and XML imports will not work	Use REST API for import



	objects not supported		
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPCOREUI-1354	Exporting pdf with maximum row limit is not supported	Export PDF/CSV max limit is not configurable	Export PDF/CSV max limit is not configurable; it will use default values set in software.  maxColumnCount = 80; maxCellCount = 100000; maxRowCount = 10000; maxZipRowCount = 20000; maxPDFColumnCount = 80; maxPDFCellCount = 100000; maxPDFRowCount = 10000;
BPUAA-9903	Admin user cannot set default landing page for other user(s)	Admin users does not have the permission to set the landing page	User can set landing page from App Bar > Settings > Landing Page > Set for User Customer user cannot set specific dashboard view as landing page; but they can set specific dashboard edit page as landing page
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPCOREUI-3375	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPUAA-8788	Visualization option from EP/Service context menu not available	User cannot use context menu for EP/service	Apply EP/Service control from Visualization page
BPUAA-10023	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPCOREUI-1255	Multi select through keyboard (shift/ctrl select) in Alarms and Events pages is not available	Keyboard multi-select will not work	Select checkbox using mouse
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-6161	No Localization support for Custom Fields	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10506	network-element import of latitude,	Complete network-	N/A

	longitude data log shows partial success	element import will not work	
<b>Upgrade Limitations</b>			
BPUAA-10523	Active alarm components in dashboard is not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
BPUAA-10523	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
BPUAA-10523	Generated Reports table migration not supported	Generated reports in previous version will not be present post upgrade	N/A
BPUAA-9992	User Time Zone format migration not supported	User Time Zone format is not correct post upgrade	Manually set time zone from user preferences page
BPUAA-9992	Custom logo migration not supported	Custom logo is not present post upgrade	Manually set the custom logo in preferences page under App Bar UI
BPUAA-9992	Alarm setting's (Theme colors and configurations in System > Settings > Alarms) is not reflected after upgrade	Alarm setting are not present post upgrade	Manually user needs to update the Alarm settings post upgrade

---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Currently, mobile UI is not supported
- Login message/confirmation window is no longer available in UAA UI
- System > Overview page is no longer available

# New and Updated Features 22.12.45

Release 22.12.45 introduces the following new or updated features and support –

## Alarm details page includes list of Related Services, to aid understanding of alarm impact

This feature allows users to track and view all the service associated to an alarm in UAA. Whenever an alarm is raised on any node or service, the user can view list of services that could be impacted by the alarm.

The feature is an extension of Network Health Analytics AI App where alarm details page, list all related top-level services dependent on alarmed object and grouping of alarms.

This is applicable to all alarm types – **Service, Equipment, and Smart**.

Alarms & Events

Alarm Details

Alarms & Events > Details : Critical Serv Threshold Policy - High alarm on QA1

Show All Alarms Properties:

Count	723
Event type	Service alarm
Active sequence number	4261

Workflow:Modified: [New Action]	Thu Dec 15 10:03:36 IST 2022	Assigned to user
Workflow:Modified: [New Action]	Thu Dec 15 10:03:06 IST 2022	Assigned to user

Related Services (Top Level)

Services [1-2] [0/2]

Select Filters

	Name	Service Type	Urgency	Significance	Health	Description	Customer	Customer Descrip
<input type="checkbox"/>	BPJAA-15508		0/100	0/100	Up			
<input type="checkbox"/>	QA1	OC-48	0/100	0/100	Up	234		

### NOTE

- Make sure that AI App Network Health Analytics, Network Health Service cache is running.
- No additional license required.

## Enhanced Alarm details page includes list of Correlated Alarms

This feature streamlines operational working by providing list of correlated alarms from the alarm details page.

The screenshot shows the 'Alarm Details' page with an additional 'Alarm Correlation' section at the bottom. This section includes a table with columns: Additional Information, Last received time, Specific problem, and Node. The table shows a correlation for the 'Serv Threshold Policy - High' alarm, received on Thursday Dec 15 10:59:00 IST 2022.

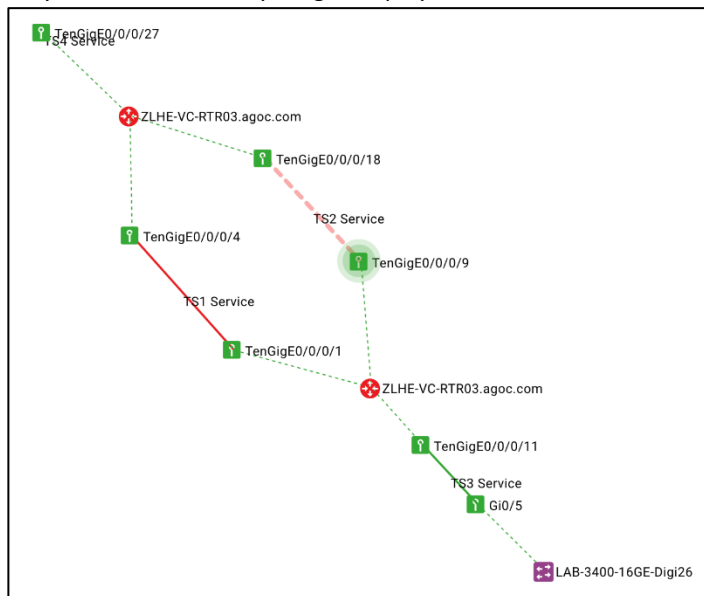
Name	Service Type	Urgency	Significance	Health	Description	Availability	Service Template Id	Customer
BPUAA-15508		0/100	0/100	Up		Unavailable	Default Service Template	
QA1	OC-48	0/100	0/100	Up	234	Unavailable	e738971a-8191-4d59-a3e5-e0788b4ed707	

Additional Information	Last received time	Specific problem	Node
Metric = abbi eth rx bytes, Location = Not applicable, Direction = Not applicable, Value = 9.6785049E7 bps	Thursday Dec 15 10:59:00 IST 2022	Serv Threshold Policy - High	

## Worker and protection path visualization for Trail and SNC Protection

The topology view has been enhanced -

- Include/display worker and protect paths.
- Ability to save the logical layout of a topology at the device level, have that saved view available for users.
- Ability to have another dimension to the way a service and its layering is displayed such that the end-to-end service can be visualized, and in the same view drill down (not into) the lower levels.
- Display service start and end points.

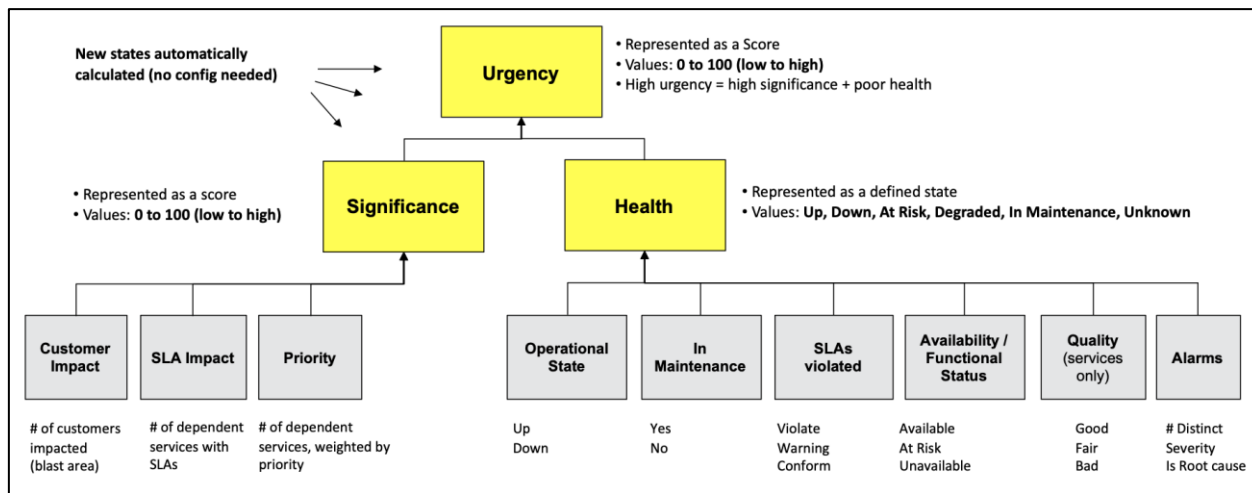


## New AI calculations for node/service urgency, significance, and health state

This enhancement helps streamline Operations handling of priorities, to ensure the most important issues are worked on first.

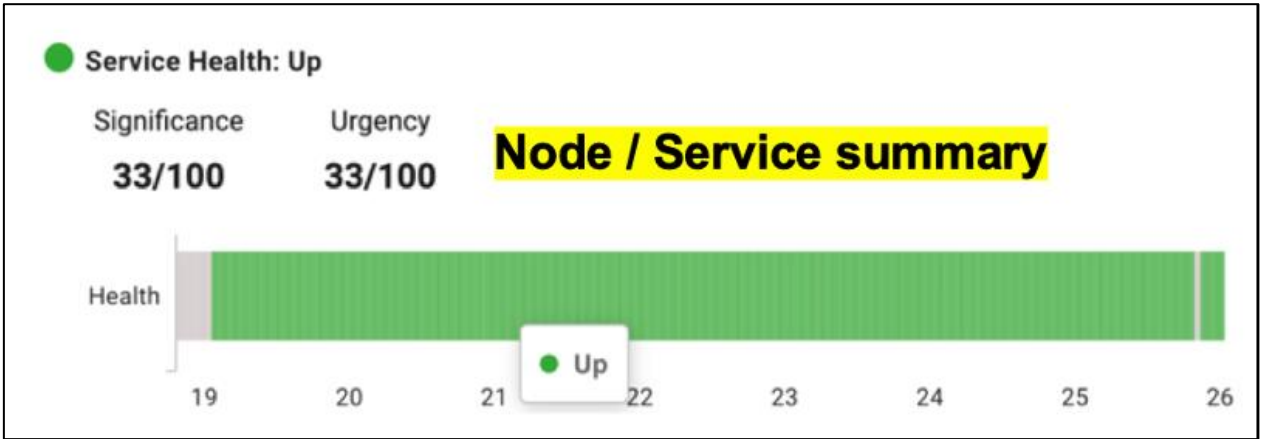
New aggregated states are provided.

- **Urgency Score** – The operational priority
- **Significance Score** – The service impact
- **Health State** – The state of service / resource



The above states are visible on Nodes & Service Pages and the summary on the details page now includes Health as timeline.

Nodes [1-22] [1/2792] <span>Select Filters</span>						
<input type="checkbox"/>	Name	Site Name	Urgency	Significance	Health	Provi
<input type="checkbox"/>	NWRKNJMDN5805R140508		26/100	19/100	Up	Manag
<input type="checkbox"/>	CHCGILDTHZI010519		23/100	13/100	Up	Manag



- NOTE
- Make sure that AI App Network Health Analytics is running.
  - No additional license required.

**New alarms for predicted/forecasted threshold metric crossing event and detection of anomalies**

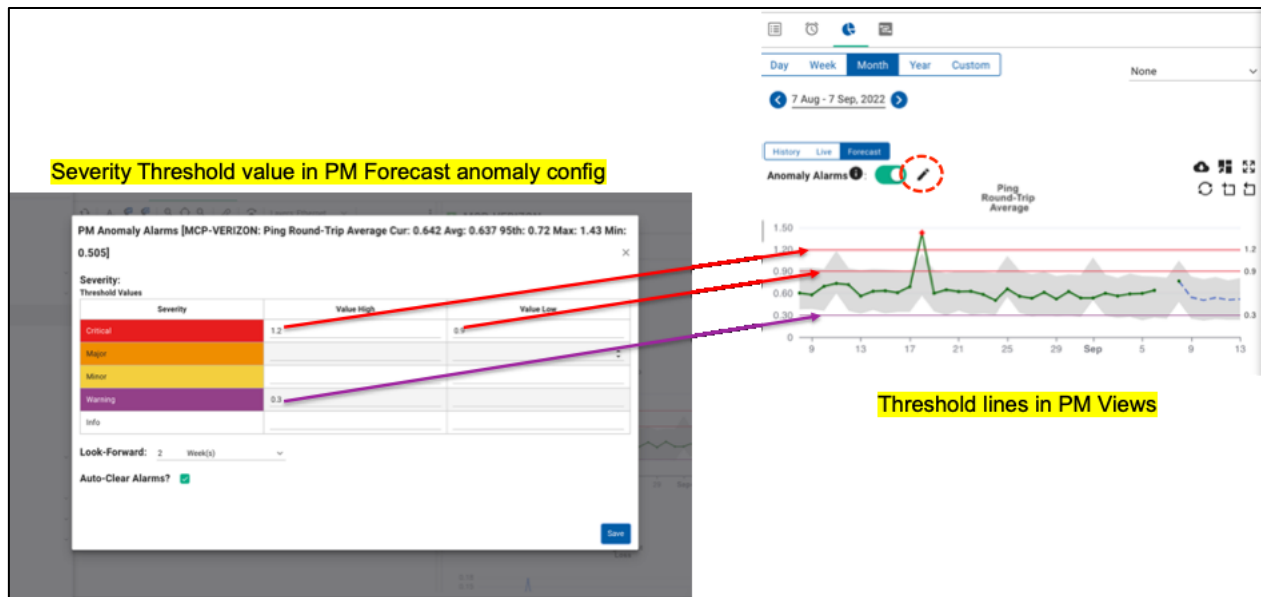
- New functionality has been added to enable users to -
- Selectively enable the continuous monitoring of PM metrics for anomalies
  - Selectively enable the continuous monitoring of forecasted metrics
  - Configure forecasted threshold metric value crossing levels and alarm severities

New smart alarms are provided for the detection of anomalies and forecasted threshold crossing events. Examples below –

The PM 'Node Availability' has exceeded '98.0%' ml-defined threshold-value on '08-Sep-2022' - (Auto-clear, true)
The PM 'CPU Usage (demo)' has exceeded '80.0%' user-defined threshold-value on '08-Sep-2022'. This threshold-crossing incident was predicted on '07-Sep-2022' - (Auto-clear, true)
The PM 'Ping Round-Trip Average' to exceed '0.85Milliseconds' user-defined threshold-value on '21-Sep-2022' - (Auto-clear, false)

In addition, it is possible to configure forecast period, default is 2 weeks, and if alarm should automatically clear if left unattended for a given time-period.

Configuration of these features is via the metric summary page.



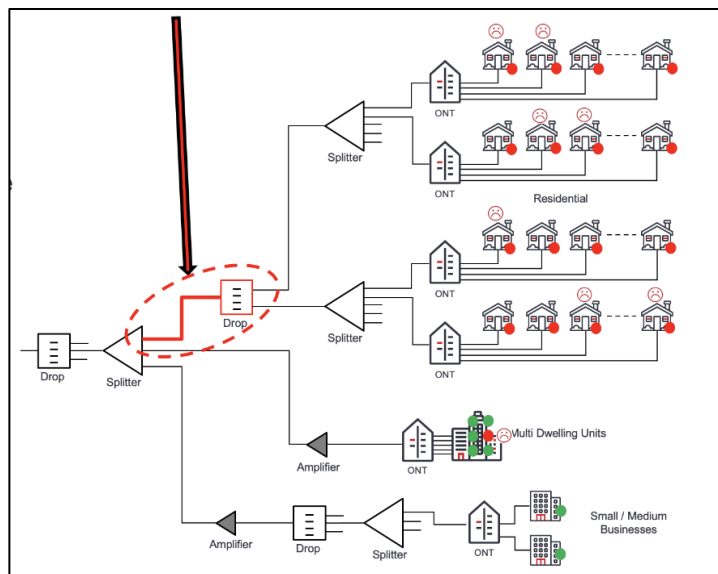
## New AI App – Silent Fault Detection – GPON

New Silent Fault Detection AI App addresses scenarios where Network/Service Operations are 'blind' to failures in the network that cause service impacting issues. For example, in scenarios whereby:

- Passive optical network devices raise no alerts or performance metrics
- Where there is no direct correlation of network alarms/pm metrics to end-to-end service degrade
- Operations are overwhelmed with low-level events

AI is used to

- Establish the interception of good/bad services paths overlayed on topology to localize service issues
- Combine insights with UAA classical graph-based root-cause analysis
- Scores root cause based of level of probability
- Raise new smart alarm, that include probably cause and all related events



**NOTE** | Silent Fault Detection license required.

## Swagger API improvements

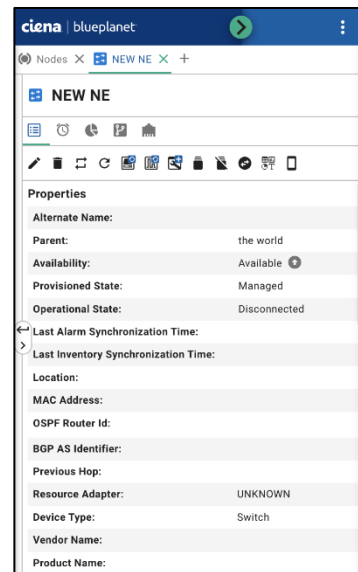
- Support all CRUD operations for subnetworks.
- Stop EVC Discovery task and to fetch logs, sub-logs of Discovery task.
- Support global search query option for Nodes, Endpoints, Services, and their related APIs.

- To fetch events provided with global search option.
- To modify only selected fields of Nodes, Endpoints, Services, and their related pages.
- Get subnetwork details which are required as parent subnetwork for creation or modification of Nodes.
- Manually run EVC Discovery task.
- Others

## Mobile UI support for UAA UI pages

Introduced mobile UI support for Operator role users for following UI pages such as -

- Alarms with filter
- Dashboards with filters/controls (topology, alarms, nodes metrics widgets)
- Topology page with filters
- Node details page (Graph panel for topology, summary panel for node properties, PM summary, Metrics tab) and toolbar operations on node details pages
- Global search, etc.



## Enhanced communication support to show the metrics from two different nodes into a single virtual node on the nodes page

A checkbox is added in the node edit page, to select "**Additional Communication**" configuration if SNMP, SNMPv1, SNMPv2c or SNMPv3 protocol is selected initially.

- This option is provided to configure and communicate to the same device while it responds to 2 different communities.
- All subsequent fields under the Additional Communications section behaves the same as the fields above in the communications tab.

Communication	
* Protocol:	SNMP
Resource Adapter:	Select
Community:	
* Connection Type:	Direct
Secondary Address Type:	<input checked="" type="radio"/> IP Address <input type="radio"/> Gateway
* Primary IPv4/6:	IP address/ Hostname
* Primary Port:	
Secondary IPv4/6:	IP address/ Hostname
Secondary Port:	
Craft URL:	
Additional Communication:	<input checked="" type="checkbox"/>
* Protocol:	SNMPv3
Context Engine ID:	
* User Name:	
* Security Level:	Auth nopriv
* Authentication Protocol:	Sha
* Authentication Password:	



#### NOTE

- Currently, Additional communication -
- Cannot be added / updated to system via Import.
  - Can be configured only via GUI / Swagger.
- Will always be disabled if node added to system via Node Discovery.
  - Can be configured only via GUI / Swagger.
- Property fields are not visible in the nodes table.
- Property fields are not searchable or filterable.
- Fields are not available for any operations in Widget Repository & Reports.
- Currently, Dual community support is not provided for Node Properties, Layer2 Discovery and EVC Discovery.

## Enhancements to Performance metric values

Added support for value conversion from hex string to decimal value for devices supporting SNMP protocol with performance metric values.

## Angular version upgrade to release 14

Added support for CORE UI to be on newer versions on Angular/primeng.

## Enhanced alarm correlation to support service type alarms

Service Alerts which are received from ROA are now correlated with other Service Alerts of the segments or alerts on EPs in the multi-level service hierarchy,

- Correlating service alert with immediate endpoint (EP) alert/any segment's endpoint alert at any level in the hierarchy below -
- Correlating endpoint alert of a service with endpoint alert of any segment in the multi-level hierarchy.
- Correlating Service Alert of service with any of the Segment's service alert in the multi-level hierarchy
- Correlating multiple service alarms on the same service/connection.
- Combination of above.

Earlier, service alarms/correlated service alarms (generated through default correlation policy) are not persisted in graph-db. To support correlation for service alarms, support is added for persisting service/correlated-service alerts in the graph-db.

## Enhancements to System Overview page

Enhanced UAA legacy self-monitoring capabilities, to monitor the modern UAA system as well as all other systems within the product. Self-Monitoring (*System Overview*) is now updated with better dashboard look and feel to cover the parameters to be understood.

A seamless experience for customers in monitoring UAA in the same way that they will be monitoring the rest of their network (which includes servers and applications).



Alarms are raised in the alarms and events page if there are problems with the UAA cluster for threshold alarms, capabilities to monitor performance metrics associated with different areas, run workflows, etc.

## Improvements to avoid Loss of Communication (LoC) alarms during system restart

When the SBC is restarted or an instance of SBC goes down the adapter instances are lost, so a reconnect is to be done to create the same. Current SBC would trigger an SBC\_CLOSE\_CONNECTION that would reconnect the node and raise a LOC.

If there is no adapter to poll/query the device, that particular request is skipped, and an error is logged specifying that the adapter is missing.

Periodic keep-alive is improved to check for the adapter instance and will trigger a RECONNECT\_NO\_ADAPTER message to the med-core. Med-core would reconnect the nodes without raising any LOC alarms

Keep-alive is periodically performed based on the communication settings on the nodes whose connection state is one of the following -

- Synchronized
- Synchronizing inventory
- Synchronizing alarm
- Discovering

## Enhancements to TMF 628 API

Enhanced TMF628 API support to generate CSV based performance data output for given date ranges and selections, such as -

- Specific node
- Specific Endpoint/Service

- 
- Specific metric group or list of metric groups
  - Specific PM metric or list of PM metric
  - Specific data granularity and data range

## Open/known issues in release 22.12.45

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-15707	Issue with the Performance metric type chart widget configuration/generation with 'None' as consolidation option	Performance metric type chart widget will not generate any data	N/A
BPUAA-15727	Nodes are not in sync state post Geo-Red failover	Nodes will not be in sync state	Copy the profiles to the uaa_core leader instance manually will get the nodes to sync state
BPUAA-15171	Generation of Fault summary widget with bucket results enabled doesn't work for (Sum, Average, Percentage Availability, Overall Percentage Availability)	Generation of fault summary widget with bucket results enabled won't work for above options	N/A
BPCOREUI-3154	Consolidation options for date ranges like Last x hours and Last x days not listing Hour/Day/Week/Month/Quarter/Y ear as consolidation options for fault summary chart and table widgets and PM widgets	Generation of fault summary reports with Last x hours and x days is not possible	N/A
BPUAA-15371	Multi-edit is not working for pages under Ethernet Menu	Multi-edit option is not possible	Select the objects separately and perform edit operation
BPUAA-15724	Operational state is not updating in EVC page if poll from end point or plug-in is enabled	Operational state will not be updated for EVC	N/A
BPUAA-14967	Nodes having attachments are not listing the attachments from Context menu and node details page	Attachments will not be seen from Context menu and node details page	Attachments can be viewed using the node edit
BPPF-14824	Triggering failover from Geo-Red UI is not working	Not possible to trigger failover from Geo-Red UI	Use the terminal option to perform the Geo-Red failover
BPCOREUI-3266	Date range is not saving when we schedule a Table Widget in report	Generated report will not have data according to the date range selected	N/A
BPCOREUI-3326	UAC UI has header alignment issues in the grid	Headers will not be aligned properly to the column data	N/A
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if re-sizing is done during load	it is not recommended to re-size the browser while the page loads
BPUAA-14885	Loss of Communication alarms getting triggered if node properties are updated via import for nodes which are in sync state	Will see LoC Alarms in the Alarms and Events page	Manually clear all related LoC alarms

BPUAA-15285	Node level access tab is Blank in the Access Control List editor	Creation of Node Level ACL will not be possible	N/A
BPUAA-12189	Advance table widget with token is not generating in background	Advanced table widget will not generate in background	Generate table widget without the token
BPUAA-15307	Deletion of nodes when using multi-selection only partially deleting them	Deletion of nodes when using multi-selection only partially deleting them	change all the <b>required</b> nodes into unmanaged state before performing a multi delete of nodes
BPUAA-14373	Report created with viz and image post upgrade shows only image	N/A	Need to create fault visualization after upgrade
BPUAA-10860	Chart visualization does not work for pdf generation	PDF generation will not work for chart visualization	N/A
BPUAA-14946	Background/Scheduled generation of SLA widgets is not working	Scheduled PDF works fine for SLA widgets, CSV will not work	N/A
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPUAA-9922	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPUAA-10023	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A

BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-6161	No Localization support for Custom Fields	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A
<b>Upgrade Limitations</b>			
BPUAA-10523	Active alarm components in dashboard is not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
BPUAA-10523	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
<b>Known Issue (Legacy Architecture to new architecture upgrade)</b>			
BPUAA-15716	Data is not generating for table type summary widgets	Generation of Table type summary widgets is not possible	N/A
BPUAA-15693	Custom trees are blank post upgrade for ACL users	Edit of migrated custom tree will not work	Create new custom tree with same config

---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Login message/confirmation window is no longer available in UAA UI

# Bug Fixes 22.02.76

Release 22.02.76 fixes the following bugs –

The bug fixes for 22.02.76 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.

Additionally, several internal bug fixes and performance improvements have been made in this release.

**NOTE** If the upgrade is done from 21.02.xx/21.06.xx, then make sure to migrate all existing python2 scripts (such as Node Actions, Action Templates, Trouble Ticket scripts, Appmon Scripts etc.) to python3 before upgrade.

**BPUAA-13251:** Blue Planet recommends changing all the **required** nodes into unmanaged state before performing a multi delete of nodes. If not done, the multi delete of required nodes might result into partial deletion of the nodes due to the existence of few managed nodes.

Jira ID	Ticket ID	Description
BPUAA-15140		Table pages are not loading and getting Aw-Snap error when a custom field which contains 'bpuaa' in its name in system is present
BPUAA-15099	C10564951	Discovery task shows inactive and incorrect values are displayed on "Next execution time" column
BPUAA-14932	C10512469	Historical view of alarm severity changes not being changed to match what is seen in current view
BPUAA-14872	C10508270	Partial user functionality post upgrade/restart/maintenance of UAA apps due to active users not being forced logout
BPUAA-14853	C10565180	Rollback procedure in the upgrade MOP should have the process to rollback to minor releases
BPUAA-14828	C10567886	UI error on Resource Adapter Customization Rules page. Error: "Http failure response for https://bp.aureon.com/uaa-ui/configuration/pluginCustomizationRulesCount: 500 Internal Server Error"
BPUAA-14804		Endpoints are not adding to connection object
BPUAA-14793	C10567799	Workflow action documentation change
BPUAA-14764		Unable to delete the endpoints for a node while importing using import and export functionality
BPUAA-14750		EVC PM Metric charts are missing with error - "Performance data is not available" post upgrade
BPUAA-14734	C10567054	EVC edit does not work when we sort few columns on the GUI
BPUAA-14684	C10564959	Issues with Import Functionality post upgrade
BPUAA-14658	C10564951	Recurring discovery jobs not running post update
BPUAA-14599	C10564182	Old files in import directory were re-imported during upgrade
BPUAA-14586	C10564194	Advanced editing of workflow does not work if always on is set to true with a



		start date is present
BPUAA-14584	C10563732	Node Action Script failed to execute (python script) post upgrade
BPUAA-14580	C10564232	Editing Unmanaged Devices Changes Provisioning Status to Managed post upgrade
BPUAA-14567	C10563768	Unable to modify permissions on Action Templates (Add users, set to global etc.) post upgrade
BPUAA-14554		Core debug logs gets spammed by user locked tron error message
BPUAA-14301		Duplicate nodes for Ciena devices are getting created
BPUAA-13810		Import files are getting re-imported unless removed from the import directory
BPUAA-12815	C10497945	Inconsistencies in topology logical view creation
BPCOREUI-3117	C10565050	UI fails/locks intermittently after grid populates in UAC Users page
BPCOREUI-3055, BPCOREUI-3054	C10563757, C10563754	Attempts to update settings under Preferences, Global Preferences fails & freezes the entire system when wrong password is given post upgrade
BPCOREUI-3034	C10528754	Cannot use regex character \ in filter expression for add filter in a Workflow

## Open/known issues in release 22.02.76

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPCOREUI-3275	Page loading issue on Users grid	Page loads freezes if re-sizing is done during load	it is not recommended to re-size the browser while the page loads
BPUAA-15373	Root cause analysis using Previous hop use case is not correlating the alarms when those nodes are part of a service	Alarms will not be correlated for this use case	N/A
BPUAA-14885	Loss of Communication alarms getting triggered if node properties are updated via import for nodes which are in sync state	Will see LoC Alarms in the Alarms and Events page	Manually clear all related LoC alarms
BPUAA-15285	Node level access tab is Blank in the Access Control List editor	Creation of Node Level ACL will not be possible	N/A
BPUAA-12189	Advance table widget with token is not generating in background	Advanced table widget will not generate in background	Generate table widget without the token
BPUAA-13594	Unable to view Use Cases on AI Apps Page after fresh deployment	AI Apps page will not show use cases post installation	N/A
BPUAA-14422	RA are not loading after the upgrade even it is present inside container opt/data/profiles	Nodes will not get synchronized	Workaround provided in upgrade MOP 22.02-65+
BPUAA-13251	Deletion of nodes when using multi-selection only partially deleting them	Deletion of nodes when using multi-selection only partially deleting them	change all the <b>required</b> nodes into unmanaged state before performing a multi delete of nodes
BPUAA-14373	Report created with viz and image post upgrade shows only image	N/A	Need to create fault visualization after upgrade
BPUAA-10860	Chart visualization does not work for pdf generation	PDF generation will not work for chart visualization	N/A
BPUAA-9107	Generated report is blank when trying to add alarm reports	Generated reports will be blank for alarm pages	N/A
BPCOREUI-2923	Background/Scheduled generation of SLA widgets is not working	SLA widgets will not be generated	N/A
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPUAA-9351	Generate background PDF report does not support alarm table	Alarm table added in the reports will not be generated in the pdf	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and	User will have to configure their email in 2 places	N/A

	another in CORE-UI for Reports/Dashboards		
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPCOREUI-1354	Exporting pdf with maximum row limit is not supported	Export PDF/CSV max limit is not configurable	Export PDF/CSV max limit is not configurable; it will use default values set in software.  maxColumnCount = 80; maxCellCount = 100000; maxRowCount = 10000; maxZipRowCount = 20000; maxPDFColumnCount = 80; maxPDFCellCount = 100000; maxPDFRowCount = 10000;
BPUAA-9903	Admin user cannot set default landing page for other user(s)	Admin users does not have the permission to set the landing page	User can set landing page from App Bar > Settings > Landing Page > Set for User Customer user cannot set specific dashboard view as landing page; but they can set specific dashboard edit page as landing page
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
BPUAA-9922	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPUAA-8788	Visualization option from EP/Service context menu not available	User cannot use context menu for EP/service	Apply EP/Service control from Visualization page
BPUAA-10023	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
BPCOREUI-1255	Multi select through keyboard (shift/ctrl select) in Alarms and Events pages is not available	Keyboard multi-select will not work	Select checkbox using mouse
BPCOREUI-1719	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A

BPPF-10990	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
BPUAA-6161	No Localization support for Custom Fields	Content will continue to display in English	N/A
BPUAA-8853	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A
<b>Upgrade Limitations</b>			
BPUAA-10523	Active alarm components in dashboard is not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
BPUAA-10523	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
BPUAA-10523	Generated Reports table migration not supported	Generated reports in previous version will not be present post upgrade	N/A
BPUAA-9992	User Time Zone format migration not supported	User Time Zone format is not correct post upgrade	Manually set time zone from user preferences page
BPUAA-9992	Custom logo migration not supported	Custom logo is not present post upgrade	Manually set the custom logo in preferences page under App Bar UI
BPUAA-9992	Alarm setting's (Theme colors and configurations in System > Settings > Alarms) is not reflected after upgrade	Alarm setting are not present post upgrade	Manually user needs to update the Alarm settings post upgrade

---

# Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari
- WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications. The help is available only in the administration guide in pdf format
- "Display captured variable" option is no longer available in ACP add page
- Alarms will not raise for Resource Adapters Log Translators if multiline is enabled
- View communication logs for nodes and compute hosts are not available
- Support for ASCII and CORBA protocols is no longer available
- Support for No-utils to make changes of Workflow/PCR through CLI is no longer available
- Force reload of all workflows in the cache is no longer supported
- Currently, mobile UI is not supported
- Login message/confirmation window is no longer available in UAA UI
- System > Overview page is no longer available

## Bug Fixes 22.02.68

Release 22.02.68 fixes the following bugs –

### NOTE

The bug fixes for 22.02.68 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.

Additionally, several internal bug fixes and performance improvements have been made in this release.

If the upgrade is done from 21.02.xx/21.06.xx, then make sure to migrate all existing python2 scripts (such as Node Actions, Action Templates, Trouble Ticket scripts, Appmon Scripts etc.) to python3 before upgrade.

Jira ID	Ticket ID	Description
BPUAA-10085		Disk Space shows 100% used even though it is not
BPUAA-14370		Users which are part of customer data dump are not migrated post upgrade
BPUAA-14369		Empty navigation menu post upgrade
BPUAA-14583	C10564184	Create Layout have no change on the node details page
BPUAA-14415	C10560015	Thousands of Loss of Communication (LoC) alarms are generated following system restart and do not clear even when nodes are synchronized
BPPF-14268	C10563771	TRON API error while trying to navigate into User Access Control section in App Bar UI
BPUAA-14316	C10552981	Not able to login with "admin" user, but able to login with "administrator" user due to error "Detail:Token expired"
BPUAA-14042	C10518955	Events out of sync in 24-hour events summary on node details
BPUAA-14783	C10567714	Node Count is not properly populated in the confirmation message: "Are you sure you want to Delete selected {{count}} Node(s)" when trying to delete a node from node details page
BPUAA-14791	C10567747	Error: "Http failure response for https://.../uaa-ui/configuration/getTemplateCount: 500 Internal Server Error" on Node Templates page

## Open/known issues in release 22.02.68

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPCOREUI-1354	Max limit while exporting Grid Data	Max limit reaching on export of table	N/A
BPUAA-14859	Proper error message should show when user try to create topology with same name	Proper error message is missing	N/A
BPUAA-14828	UI error on Resource Adapter Customization Rules page. Error: "Http failure response for https://bp.aureon.com/uaa-ui/configuration/pluginCustomizationRulesCount: 500 Internal Server Error"	Error on RA Customization Rules page	N/A
BPUAA-14804	Endpoints are not adding to connection object	No endpoints on connections page	Manually add the endpoints to connections
BPUAA-14793	Workflow action documentation change	BPMN workflow action help is not available	N/A
BPUAA-14734	EVC edit does not work when we sort few columns on the GUI	Editing of EVC post sorting will not work	N/A
BPUAA-14684	Issues with Import Functionality	Old import files are getting imported post upgrade	Remove the old import files from the import directory before upgrade
BPUAA-14623	LDAP Customer - Tenant attribute is mandatory	LDAP login won't work without tenant in case of multi tenants	N/A
BPUAA-14599	Old files in import directory were re-imported during upgrade	Import files are getting re-imported	N/A
BPUAA-14580	Editing Unmanaged Devices Changes Provisioning Status to Managed post upgrade	Unmanaged device status changes	N/A
BPUAA-14567	Unable to modify permissions on Action Templates (Add users, set to global etc.) post upgrade	Permissions on Action templates will not be edited	Edit the Action template permission along with description column
BPUAA-13594	Unable to view Use Cases on AI Apps Page after fresh deployment	AI Apps page will not show use cases post installation	N/A
BPUAA-14414	Mass Loss of Comms Alarms Following System Restart	May trigger workflows or trouble ticket generation	Enhancement raised (BPUAA-I-196). Until improvement progressed, suggest disabling any workflows or actions triggered by LOC when doing system restart
BPUAA-13861	Failure in Training use case after ML flow Leader Instance is down	In HA environment, if the leader instance is down, the ML flow user case will	Restart the instance which is shutdown previously

		not work	
BPUAA-14422	RA are not loading after the upgrade even it is present inside container opt/data/profiles	Nodes will not get synchronized	Workaround provided in upgrade MOP 22.02-65+
BPUAA-14423	Getting network call errors on ethernet related pages	UI hangs when user does multiple sort operation.	Not to perform multiple sort operations
BPUAA-5898	Creating threshold policy using REST API is not fully implemented	Example JSON will not be seen in the REST API for create threshold policy API call	USE UI to create policy
BPUAA-12815	Inconsistencies in topology logical view creation	The same logical view shows devices either grouped or individual devices	N/A
BPUAA-13251	Deletion of nodes when using multi-selection only partially deleting them	Deletion of nodes when using multi-selection only partially deleting them	N/A
BPUAA-13414	Partial user functionality experience after upgrade/restart/maintenance of UAA apps as the active users are not forced logout	UI session survives solution restart	Logout and Login post restart
BPUAA-14373	Report created with viz and image post upgrade shows only image	N/A	Need to create fault visualization after upgrade
BPUAA-10860	Chart visualization does not work for pdf generation	PDF generation will not work for chart visualization	N/A
BPUAA-9107	Generated report is blank when trying to add alarm reports	Generated reports will be blank for alarm pages	N/A
BPCOREUI-2923	Background/Scheduled generation of SLA widgets is not working	SLA widgets will not be generated	N/A
BPUAA-9037	Unable to implement TMF621 Ticket System	Integration of external ticketing system will fail	N/A
BPUAA-5282	Display captured variable option in ACP add	User cannot use the captured variables	Define own variables
BPUAA-8299	Alarms are not raising for Resource Adapters Log Translators if multiline is enabled	Alarms will not be raised for multiline log translators	N/A
BPUAA-2825	View communication logs for nodes and compute hosts are not displayed	N/A	N/A
BPUAA-3800	Support for ASCII and CORBA protocols are not available in 21.10	ASCII and CORBA supported devices cannot be managed	N/A
BPUAA-3801	Support for No-utils to make changes of Workflow/PCR through CLI is not available	The workflow/PCR cannot be copied onto the next system	Rebuild the workflows/PCR in the UI
BPUAA-9560	Button to Force reload of all the workflows in the cache is not working	Force sync will not work	N/A
	WebHelp is not available for App Bar Menu – Users/usergroups/roles	N/A	N/A



	and platform applications		
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPUAA-9351	Generate background PDF report does not support alarm table	Alarm table added in the reports will not be generated in the pdf	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPCOREUI-1716	Login message window is removed from the UAA UI	Login confirmation window will not be displayed	N/A
	Mobile UI is not supported	Users will not be able to use mobile view for UAA UI	N/A
BPCOREUI-1354	Exporting pdf with maximum row limit is not supported	Export PDF/CSV max limit is not configurable	Export PDF/CSV max limit is not configurable; it will use default values set in software.  maxColumnCount = 80; maxCellCount = 100000; maxRowCount = 10000; maxZipRowCount = 20000; maxPDFColumnCount = 80; maxPDFCellCount = 100000; maxPDFRowCount = 10000;
	Admin user cannot set default landing page for other user(s)	Admin users does not have the permission to set the landing page	User can set landing page from App Bar > Settings > Landing Page > Set for User Customer user cannot set specific dashboard view as landing page; but they can set specific dashboard edit page as landing page
BPUAA-6501	System > Overview page not available	User will not be able to access the overview page	N/A
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c}	N/A	Sort using Unicode

	Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}		
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
	Adding charts from EP/Service details page to Dashboard is not available	Users will not be able to add charts from EP/Service details page	Create visualization of specific chart and add to dashboard
BPUAA-9922	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPUAA-8788	Visualization option from EP/Service context menu not available	User cannot use context menu for EP/service	Apply EP/Service control from Visualization page
BPUAA-10023	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
	Edit widget from dashboard does not work	Users will not be able to edit the widget directly from the dashboard page	N/A
	Option to know About BPUAA version, Plugin version from UI is not available	N/A	N/A
	Multi select through keyboard (shift/ctrl select) in Alarms and Events pages is not available	Keyboard multi-select will not work	Select checkbox using mouse
	CSV/XML Import Visualization support is not available	CSV/XML import will not work	Use REST API for importing
	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
	No Localization support for Custom Fields	Content will continue to display in English	N/A
	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10124	Passive SNMP nodes are not collecting PM	PM will not be collected for passive SNMP nodes	N/A
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A
<b>Upgrade Limitations</b>			
	Active alarm components in dashboard is not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
	Generated Reports table migration not supported	Generated reports in previous version will not be present post upgrade	N/A
BPUAA-9992	User Time Zone format migration not supported	User Time Zone format is not correct post upgrade	Manually set time zone from user preferences page

---

BPUAA-9992	Custom logo migration not supported	Custom logo is not present post upgrade	Manually set the custom logo in preferences page under App Bar UI
BPUAA-9992	Alarm setting's (Theme colors and configurations in System > Settings > Alarms) is not reflected after upgrade	Alarm setting are not present post upgrade	Manually user needs to update the Alarm settings post upgrade

---

## Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari

## Bug Fixes 22.02.65

Release 22.02.65 fixes the following bugs –

### NOTE

The bug fixes for 22.02.65 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.

Additionally, several internal bug fixes and performance improvements have been made in this release.

Jira ID	Ticket ID	Description
BPUAA-13559		Fibers with no DST PMs are not getting predictions
BPUAA-13460		UAA stopped calculating the SLA
BPUAA-8266		Performance monitoring threshold not working as expected.
BPUAA-14046	C10522960	Unable create discovery task using nodes by subnet
BPUAA-13834	C10512469	Historical alarm entry missing for consecutive trap of same alarm with different severity prior to clear trap
BPUAA-13833	C10506398	Live dormant nodes have no node endpoint and do not generate PM data until Redis keys are deleted from cache
BPUAA-13658	C10494730	All SNMPv3 nodes seem to be randomly setting and clearing Loss of Communication alarms
BPUAA-13657	C10463273	Random devices getting stuck in "Connecting" state and do not recover
BPUAA-13461	C10463273	All devices stuck in synchronizing state until inventory is manually resynchronized
BPUAA-12908	C10468964	Query filter drop-down list is displayed in random order
BPUAA-12814	C10499862	Alarm history from fm.fault_event table disappeared during Custom Alarm Field Commit
BPUAA-12664	C10494393	SNMPv3 password information is exposed in plain text in the security log
BPUAA-12454	C10487841	Node Action URL not passing \$Name\$ field
BPUAA-12442	C10489332	LDAP login creating new users when logging in using the same username with different upper/lower case combinations
BPUAA-12388	C10518651	Editing multiple EVCs fails with error - "Invalid json, Property 'discard-events' should have a Boolean value"
BPUAA-12332	C10489680	Operational state of Dormant node getting into Verifying state
BPUAA-11914	C10478050	Unable to delete subnetworks that are tied to non-recurring and completed discovery tasks
BPUAA-11823	C10478889	Unable to modify Custom Node Field Values
BPUAA-11725	C10475963	Unable to send syslog traps via UDP
BPUAA-11429	C10470338	Unable to view or edit topology view once created

BPUAA-11291	C10472959	EVC and Network topology discovery actions both stall if they run into a device, you think does not support that feature and logs lost from previous completed tasks
BPUAA-11139	C10468993	Broken validation checks on multi-node edit
BPUAA-11138	C10468964	Plugin are listed in random order on node edit screen
BPUAA-11076	C10489704	Alarms are not getting cleared in Alarm history - Multiple instances of the same alarm keep counting their duration (as uncleared)
BPUAA-10589	C10463273	Nodes are stuck Disconnected/Connecting/Synchronizing even though they are reachable
BPUAA-12327		Some PM measurements (polled successfully on the device-level) do not reach the EVC-level
BPUAA-10858		Node Endpoints not populating
BPUAA-10573		Multi edit of SNMP nodes does not display the community string in the edit field
BPUAA-10278		SLA records mixed up between services
BPUAA-9656		Alarms are not getting cleared
BPUAA-9163		EVCs are not getting discovered even though it is supported by the plugin

## Open/known issues in release 22.02.65

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-14414	Mass Loss of Comms Alarms Following System Restart	May trigger workflows or trouble ticket generation	Enhancement raised (BPUAA-I-196). Until improvement progressed, suggest disabling any workflows or actions triggered by LOC when doing system restart
BPUAA-14415	Following system restart, not all LOC alarms clear automatically	Standing LOC alarms seen on some nodes which are in synchronized state	Have to manually clear remaining LOC alarms
BPUAA-13861	Failure in Training use case after ML flow Leader Instance is down	In HA environment, if the leader instance is down, the ML flow user case will not work	Restart the instance which is shutdown previously
BPUAA-14422	RA are not loading after the upgrade even it is present inside container opt/data/profiles	Nodes will not get synchronized	Workaround provided in upgrade MOP 22.02-65
BPUAA-14423	Getting network call errors on ethernet related pages	UI hangs when user does multiple sort operation.	Not to perform multiple sort operations
BPUAA-10029	Duplicate widgets for all users are displayed in the widget repository	The users with superuser role will be able to see all the default fault visualizations (details and summary) created for individual users in the widget repository with the same name	Workaround provided in upgrade MOP 22.02-65
BPUAA-14301	Duplicate nodes are created	Duplicate nodes are created in some corner cases	N/A
BPUAA-13757	Unreachable nodes have Ping Round-Trip Average = 2000 ms when Ping Packet Loss = 100%	N/A	N/A
BPUAA-5898	Threshold policy not implemented.	Create threshold policy not implemented via REST API	USE UI to create policy
BPUAA-10085	Disk space is shown 100% used but ideally, it's not used	N/A	Stop analytics container
BPUAA-12815	Inconsistencies in topology logical view creation	The same logical view shows devices either grouped or individual devices	N/A
BPUAA-13171	Core dumps filling the disk on the assurance in UI containers	Core dumps filling the disk on the assurance in UI containers	Add ulimit -c 0 in docker-entrypoint.sh (uua-ui container)
BPUAA-13251	Deletion of nodes when using multi-selection only partially deleting	Deletion of nodes when using multi-selection only	N/A

	them	partially deleting them	
BPUAA-13414	Partial user functionality experience after upgrade/restart/maintenance of UAA apps as the active users are not forced logout	UI session survives solution restart.	Logout and Login post restart.
BPUAA-14042	Events out of order in 24 hours summary on node detail	N/A	N/A
BPUAA-14340	Multi Edit of Nodes – changing parent does not work	Multi Edit of Nodes - changing parent does not work	N/A
BPUAA-14369	Observed empty menu post upgrade	Observed empty menu post upgrade	Workaround provided in upgrade MOP 22.02-65
BPUAA-14370	Users are not migrated post upgrade	Users are not migrated post upgrade	Workaround provided in upgrade MOP 22.02-65
BPUAA-14371	Node action created before upgrade are not working after upgrade	Node action created before upgrade are not working after upgrade	Workaround provided in upgrade MOP 22.02-65
BPUAA-14373	Report created with viz and image post upgrade shows only image	N/A	Need to create fault visualization after upgrade.
BPUAA-14395	All services are not listed under available segments when add/edit a service.	All services are not listed under available segments when add/edit a service	Use import functionality.
BPUAA-14410	Type Error: Reduce of empty array with no initial value when user clicks on UAA Hosts subnetwork	Nodes will not show in the subnetwork	N/A
BPUAA-9614	Issue with SLA widget data generation	SLA generation via widget fails	N/A
BPUAA-5898	Creating threshold policy using REST API is not fully implemented	Example JSON will not be seen in the REST API for create threshold policy API call	N/A
BPUAA-10860	Chart visualization does not work for pdf generation	PDF generation will not work for chart visualization	N/A
BPUAA-9107	Generated report is blank when trying to add alarm reports	Generated reports will be blank for alarm pages	N/A
BPUAA-11029	Service Snapshot values are zero when consolidation function is Avg	Service snapshot values will be zero for avg. consolidation function	N/A
BPCOREUI-2923	Background/Scheduled generation of SLA widgets is not working	SLA widgets will not be generated	N/A
BPUAA-9037	Unable to implement TMF621 Ticket System	Integration of external ticketing system will fail	N/A
BPUAA-5282	Display captured variable option in ACP add	User cannot use the captured variables	Define own variables
BPPF-10968	If External authentication system (TACACS, RADIUS) not reachable, user not able to login with Tron internal users	No user can login until external system is up	Disable external authentication from DB and login with internal to proceed



BPUAA-8299	Alarms are not raising for Resource Adapters Log Translators if multiline is enabled	Alarms will not be raised for multiline log translators	N/A
BPUAA-2825	View communication logs for nodes and compute hosts are not displayed	N/A	N/A
BPUAA-3800	Support for ASCII and CORBA protocols are not available in 21.10	ASCII and CORBA supported devices cannot be managed	N/A
BPUAA-3801	Support for No-utils to make changes of Workflow/PCR through CLI is not available	The workflow/PCR cannot be copied onto the next system	Rebuild the workflows/PCR in the UI
BPUAA-9560	Button to Force reload of all the workflows in the cache is not working	Force sync will not work	N/A
	WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications	N/A	N/A
BPCOREUI-2371	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPUAA-9351	Generate background PDF report does not support alarm table	Alarm table added in the reports will not be generated in the pdf	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPPF-13886	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPPF-12490	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPCOREUI-1716	Login message window is removed from the UAA UI	Login confirmation window will not be displayed	N/A
	Mobile UI is not supported	Users will not be able to use mobile view for UAA UI	N/A
BPCOREUI-1354	Exporting pdf with maximum row limit is not supported	Export PDF/CSV max limit is not configurable	Export PDF/CSV max limit is not configurable; it will use default values set in software.  maxColumnCount = 80; maxCellCount = 100000; maxRowCount = 10000;

			maxZipRowCount = 20000; maxPDFColumnCount = 80; maxPDFCellCount = 100000; maxPDFRowCount = 10000;
	Admin user cannot set default landing page for other user(s)	Admin users does not have the permission to set the landing page	User can set landing page from App Bar > Settings > Landing Page > Set for User Customer user cannot set specific dashboard view as landing page; but they can set specific dashboard edit page as landing page
BPUAA-6501	System > Overview page not available	User will not be able to access the overview page	N/A
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c} Current Behavior: {A,B,C,a,b,c} Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
	Adding charts from EP/Service details page to Dashboard is not available	Users will not be able to add charts from EP/Service details page	Create visualization of specific chart and add to dashboard
BPUAA-9922	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
BPUAA-8788	Visualization option from EP/Service context menu not available	User cannot use context menu for EP/service	Apply EP/Service control from Visualization page
BPCOREUI-1843	Support for Custom days, Hours in date picker not available in visualizations	N/A	Use custom time
BPUAA-10023	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
	Edit widget from dashboard does not work	Users will not be able to edit the widget directly from the dashboard page	N/A
	Option to know About BPUAA version, Plugin version from UI is not available	N/A	N/A
	Multi select through keyboard (shift/ctrl select) in Alarms and Events pages is not available	Keyboard multi-select will not work	Select checkbox using mouse
	CSV/XML Import Visualization support is not available	CSV/XML import will not work	Use REST API for importing
	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
	No Localization support for Custom Fields	Content will continue to display in English	N/A

	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10124	Passive SNMP nodes are not collecting PM	PM will not be collected for passive SNMP nodes	N/A
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A
<b>Upgrade Limitations</b>			
	Active alarm components in dashboard is not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
	Generated Reports table migration not supported	Generated reports in previous version will not be present post upgrade	N/A
BPUAA-9992	User Time Zone format migration not supported	User Time Zone format is not correct post upgrade	Manually set time zone from user preferences page
BPUAA-9992	Custom logo migration not supported	Custom logo is not present post upgrade	Manually set the custom logo in preferences page under App Bar UI
BPUAA-9992	Alarm setting's (Theme colors and configurations in System > Settings > Alarms) is not reflected after upgrade	Alarm setting are not present post upgrade	Manually user needs to update the Alarm settings post upgrade

---

## Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari

# Bug Fixes 22.02.60

Release 22.02.60 fixes the following bugs –

## NOTE

The bug fixes for 22.02.60 includes the fixes made in previous releases. For detailed list of bug fixes, refer the respective release list below.

Additionally, several internal bug fixes and performance improvements have been made in this release.

Jira ID	Ticket ID	Description
BPUAA-13837		UAA API not returning data by sending only Authorization header
BPUAA-13777		Postgres and graph DB sync up script execution is failing during restore
BPUAA-13776		Login Screen is not loading if launching blueplanet-app-bar-ui post restore
BPUAA-13775		Restoring of Performance DB is failed with sla_current_bkup table not being available
BPUAA-13774		Trendline is not showing for Computed series Widget
BPUAA-13768		Alarms and Events Page showing erratic right click behavior
BPUAA-13763		While scrolling down the Endpoints tab on the node details page, the Endpoints are not loading and shows state as "loading"
BPUAA-13733		Custom Alarm Fields API is not working as expected
BPUAA-13732		Triggered LOA alarm shows active in MCP UI but not showing in UAA UI
BPUAA-13716		ACL user is able to see all the alarm under Fault visualization
BPUAA-13654	C10510717	Upgrade MOP document to be updated to remove the step to run copyFilesToNewDirectories.py script
BPUAA-13630		Missing Toolbar operations in summary tab of Endpoint details page
BPUAA-13485		Slow performance seen after logging into UAA UI
BPUAA-13465		Not able to delete HOPS from connections page
BPUAA-13445		Unable to select some part of the service lines in the graph panel
BPUAA-13404		User made changes are getting reverted post upgrade in Node and Endpoint Template
BPUAA-13321		Alarms and Events table in Resource Adapter page does not show all the entries
BPUAA-13277		UAA-ROA is not syncing properly
BPUAA-12910		ADVA Availability state showing Unavailable for Adva services
BPUAA-12702		Clear Ticket Workflow is not working
BPUAA-12435		Add IOWait & Throughput details in the server sizing document
BPUAA-5898		Create threshold policy not implemented in REST API

---

BPUAA-11076	C10489704	Alarms not getting cleared in Alarm history and resulting in multiple instances of the same alarm to add the count for the duration
BPUAA-13657	C10463273	Random devices getting stuck in "Connecting" state and do not recover
BPUAA-11363		Multiple Loss of communication Alarms are active on some nodes

## Open/known issues in release 22.02.60

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPCOREUI-2719	Info - "Inconsistency was found among backend core revisions!" for Snapshot versions	N/A	N/A
BPUAA-13527	Apply button gets disabled when the user provides comments while performing ACK, annotate, Defer, Manually clear alarm operation	The said functions will not work	As a workaround, user need to switch/toggle the options to enable the Operation/Apply button
BPUAA-13065	Throwing errors when user select all alarms in events and tried to delete if those alarms are cleared	N/A	N/A
BPUAA-13270	Unable to create service templates	Cannot create service templates	N/A
BPUAA-12519	Advanced Alarm Not Received on UAA for device ALMIN_BGN000001 EP = MCH-1-3	Advanced alarms will not be received	N/A
BPUAA-12487	Custom filter does not show Alarms for the Full Time Window provided	Custom filter alarms will not be displayed	N/A
BPUAA-10278	SLA records mixed up between services	SLA records are incorrectly displayed	N/A
BPUAA-9369	"Error - Modifying SLA failed..." while trying to save the edited SLA	Modifying SLA will fail	N/A
BPUAA-9614	Issue with SLA widget data generation	SLA generation via widget fails	N/A
BPUAA-5898	Creating threshold policy using REST API is not fully implemented	Example JSON will not be seen in the REST API for create threshold policy API call	N/A
BPUAA-11081	Fault summary table widget is not working	Fault summary table widget will not work	N/A
BPUAA-6382	UAA-UI login page is not loading while using hostname in browser	Using hostname, the UAA UI page will not load	N/A
BPUAA-10935, BPUAA-10860, BPUAA-10897	Chart visualization does not work for pdf generation	PDF generation will not work for chart visualization	N/A
BPUAA-11010, BPUAA-9107	Generated report is blank when trying to add alarm reports	Generated reports will be blank for alarm pages	N/A
BPUAA-11029	Service Snapshot values are zero	Service snapshot values will	N/A

	when consolidation function is Avg	be zero for avg. consolidation function	
BPUAA-10987	On endpoint details page –  1. The default date range is showing of future (present+1), even though the data is plotted correctly for the current date range  2. If the chart view is changed to table view and the date range is modified, all the charts are changed to table view	1. N/A  2. The chart view will be changed to table view for all charts	1. N/A  2. N/A
BPCOREUI-2147	Custom Chart/Table: Append the metric selected in the query builder columns	Will not be able to filter the visualizations with metrics present in it	N/A
BPCOREUI-2088	Generated CSV for Table widget is empty	The CSV/pdf file for generated reports for SLA widgets will not have any data	N/A
BPCOREUI-2088	Background/Scheduled generation of SLA widgets is not working	SLA widgets will not be generated	N/A
BPUAA-9037	Unable to implement TMF621 Ticket System	Integration of external ticketing system will fail	N/A
BPUAA-10433	Alarm Widget does not update in dashboard on operations performed on Tree Table	Delayed updates in the widgets post alarm operations	Manually refresh the dashboard page
BPUAA-2689	Unable to edit the SLA	SLA edit has a problem with modifying the existing ConformanceObjective	Add and delete ConformanceObjective to work properly
BPPF-10968	If External authentication system (TACACS, RADIUS) not reachable, user not able to login with Tron internal users	No user can login until external system is up	Disable external authentication from DB and login with internal to proceed
BPUAA-8299	Alarms are not raising for Resource Adapters Log Translators if multiline is enabled	Alarms will not be raised for multiline log translators	N/A
BPUAA-2825	View communication logs for nodes and compute hosts are not displayed	N/A	N/A
BPUAA-3800	Support for ASCII and CORBA protocols are not available in 21.10	ASCII and CORBA supported devices cannot be managed	N/A
BPUAA-3801	Support for No-utils to make changes of Workflow/PCR through CLI is not available	The workflow/PCR cannot be copied onto the next system	Rebuild the workflows/PCR in the UI
BPUAA-8246	Newly created subnet is not visible	N/A	Relaunch the page/tab to view



	in the network tree		the newly created subnet
BPUAA-7053	Scroll is not working in the metric tab when accessing node from topology page	Scroll will not work	Refresh the page to use the scroll
BPUAA-8197	Duplicate charts are created for grouped metrics under the PM summary and metric tab of endpoint details page	N/A	N/A
BPUAA-8207	Single High and low threshold values are not displayed in performance threshold policies when using the Formula in New UI	The issue arises only when select the formula use case for performance threshold policies	N/A
BPUAA-7579	Performance threshold policies are getting created even if the NULL values are present in the severity column	If NULL values are present, the alarms for that value will not be triggered	N/A
BPUAA-3087	Global search with node in alarms and events page tree should expand and highlight the subnet which contains the node	Node search in global search does not work for network tree in alarms page	Manually select the node
BPUAA-9560	Button to Force reload of all the workflows in the cache is not working	Force sync will not work	N/A
BPUAA-9520	Performance Metric: Revert Metric functionality is not working for Custom metrics	No support present for custom metrics	N/A
BPCOREUI-1941	Widget Tree: Folders should have high priority while displaying under widget repository/report/dashboard	N/A	N/A
	WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications	N/A	N/A
BPCOREUI-1959	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPUAA-9351	Generate background PDF report does not support alarm table	Alarm table added in the reports will not be generated in the pdf	N/A
BPUAA-10025	unable to navigate to node /service detail page from topology component in dashboard	N/A	Manually navigate to the service details page
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A

BPUAA-8601	Any operation (CRUD) on dashboard, report, widgets are not logged in security log in UAA	Logs will not be shown in UAA security log	All core-ui rest api urls can be checked in Dashboard > Global > Analytics Dashboard > Audit log
BPUAA-8555	Security Tab: Logs are not generated (Logging in and logging out)	Logs will not be shown in UAA security log	All login/logout operations can be checked in Dashboard > Global > Analytics Dashboard > Audit log
BPUAA-8840	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPUAA-8855	If LDAP is enabled another internal user of BPUAA (netadmin, admin, operator, customer role) will not be allowed to login	Only LDAP user will be able to login	Disable LDAP to allow other users to login
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPUAA-8850	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPUAA-8551	Option to choose special character in password settings not supported	N/A	BP Platform supports all special characters by default ( <i>Change in behavior</i> )
BPUAA-8550	Login message window is removed from the UAA UI	Login confirmation window will not be displayed	N/A
	Mobile UI is not supported	Users will not be able to use mobile view for UAA UI	N/A
BPPF-10564	Admin can create users with any combination of predefined roles or custom roles; which allows admin to create customer/read-only user with other roles as well which is not desirable	Users with other roles can be created which is not required	Admin should carefully assign the roles to users. Customer/read-only should not get combined with any other Roles.
BPCOREUI-1354	Exporting pdf with maximum row limit is not supported	Export PDF/CSV max limit is not configurable	Export PDF/CSV max limit is not configurable; it will use default values set in software.  maxColumnCount = 80; maxCellCount = 100000; maxRowCount = 10000; maxZipRowCount = 20000; maxPDFColumnCount = 80;

			maxPDFCellCount = 100000; maxPDFRowCount = 10000;
	Admin user cannot set default landing page for other user(s)	Admin users does not have the permission to set the landing page	User can set landing page from App Bar > Settings > Landing Page > Set for User  Customer user cannot set specific dashboard view as landing page; but they can set specific dashboard edit page as landing page
BPUAA-6501	System > Overview page not available	User will not be able to access the overview page	N/A
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c}  Current Behavior: {A,B,C,a,b,c}  Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
	Adding charts from EP/Service details page to Dashboard is not available	Users will not be able to add charts from EP/Service details page	Create visualization of specific chart and add to dashboard
BPCOREUI-1917	No option to add control to dashboard; Control as a widget not available	Cannot apply control on multiple widgets at once	N/A
BPCOREUI-2049	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
	Visualization option from EP/Service context menu not available	User cannot use context menu for EP/service	Apply EP/Service control from Visualization page
BPCOREUI-1843	Support for Custom days, Hours in date picker not available in visualizations	N/A	Use custom time
BPCOREUI-1859	Show individual chart option in visualization is not available	User will not be able to see individual charts	N/A
	Query Filter import/export format changed from CSV to JSON	Users will now use JSON format for import/export query filter	Change in behavior
	Users can set landing page from settings in App bar UI	Removed home page setting from user edit page	Change in behavior
	UAA swagger-ui moved to BP platform App bar UI	N/A	Change in behavior

	Default Dashboard “Operational Metrics” not available in fresh install of UAA	Default Operational dashboard is not available	Manually create operational metrics dashboard
BPCOREUI-2073	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
	Edit widget from dashboard does not work	Users will not be able to edit the widget directly from the dashboard page	N/A
	Option to know About BPUAA version, Plugin version from UI is not available	N/A	N/A
	Multi select through keyboard (shift/ctrl select) in Alarms and Events pages is not available	Keyboard multi-select will not work	Select checkbox using mouse
	CSV/XML Import Visualization support is not available	CSV/XML import will not work	Use REST API for importing
	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
	No Localization support for Custom Fields	Content will continue to display in English	N/A
	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10437	Customer roles are assigned along with other user roles	Customer users will be able to access other pages not meant to be allowed to them	While creating users and assigning the roles, the admins should not assign other roles to a customer user role
BPUAA-10404	Clicking on view communication logs to check other metrics does not load and the system hangs	Unable to view communications logs	The view communication logs button will not work and should not be clicked to avoid system freezing
BPUAA-10124	Passive SNMP nodes are not collecting PM	PM will not be collected for passive SNMP nodes	N/A
BPUAA-10442	Service Quality is not working showing Unknown on services page	Service quality will display as UNKNOWN regardless of filter condition	N/A
BPUAA-10416	Action templates not updating alarms when triggered from alarm list	Delay in auto refresh will delay the update in the alarm list	Once auto refreshed, the list will be updated
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A

Upgrade Limitations			
	Active alarm components in dashboard is not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
	Generated Reports table migration not supported	Generated reports in previous version will not be present post upgrade	N/A
BPUAA-9992	User Time Zone format migration not supported	User Time Zone format is not correct post upgrade	Manually set time zone from user preferences page
BPUAA-9992	Custom logo migration not supported	Custom logo is not present post upgrade	Manually set the custom logo in preferences page under App Bar UI
BPUAA-9992	Alarm setting's (Theme colors and configurations in System > Settings > Alarms) is not reflected after upgrade	Alarm setting are not present post upgrade	Manually user needs to update the Alarm settings post upgrade

---

## Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari

# Bug Fixes 22.02.55

Release 22.02.55 fixes the following bugs –

**NOTE** The bug fixes for 22.02.55 includes the fixes made in 21.10.97 and 21.10.98 maintenance releases along with further fixes listed in the table below. For detailed list of bug fixes in [21.10.97](#) and [21.10.98](#) maintenance releases, refer the respective release list below.

Additionally, several internal bug fixes and performance improvements have been made in this release.

Jira ID	Ticket ID	Description
BPUAA-13405		Deduplication is not working for service alarms
BPUAA-13394		On doing edit services, Service Endpoints tab will keep on loading endpoints for quite long time when there are no Endpoints associated to service.
BPUAA-13327		UAA servers are establishing multiple parallel netconf sessions on devices
BPUAA-13235		Creating filter with Protocol = 'Netconf' for NODE tab is not working and throwing error
BPUAA-13145		Netconf Adapter: Support for NETCONF capability base:1.1
BPUAA-13130		Multiple Service Types not getting created with API request
BPUAA-13122		Syslog Alarms are not raising on any nodes other than the first node
BPUAA-12762		Plug in customization rules not working to populate custom field
BPUAA-12702		Clear Workflow is not able to execute the python script
BPUAA-12651		Endpoints are not getting deleted when user tries to delete node along with endpoints
BPUAA-12615		Error seen while creating performance threshold policy
BPUAA-12613		Log file that gets generated after service import, has duplicate entries for services, it shows up as PARTIAL_SUCCESS and SUCCESS, causing incorrect service modelling
BPUAA-12600	114291	Scrolling on the dependencies window doesnt show up correctly
BPUAA-12332		Operational state of dormant node going to verifying state
BPUAA-12197		Errors thrown while traversing to endpoint page from resource adapter page
BPUAA-11876		Query Builder Option keeps loading in widget repository
BPUAA-11236		App-mon template: ICMP Ping Only - the Discovery Rule page - List is keep loading
BPUAA-11121		API Swagger JSON is not OpenAPI compliance
BPUAA-10660		Unexpected exception while service state poll for EVC
BPUAA-10584		Improve the discovery log information in UI help pages
BPUAA-9781		Custom fields are showing blank when we generate table type Fault viz

---

BP meta-9737		"Details" option should not be there under "multi select services" and "Add SCH" is missing under "Multi Service VNF"
BP meta-6087		Unable to assign service type for connections added via import
BP meta-13260		Workflow is not working with certain filters
BP meta-9742		CSV Generation of the report in scheduled/Background is not working for BP meta Table widgets



## Open/known issues in release 22.02.55

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPCOREUI-2719	Info - "Inconsistency was found among backend core revisions!" for Snapshot versions	N/A	N/A
BPUAA-13527	Apply button gets disabled when the user provides comments while performing ACK, annotate, Defer, Manually clear alarm operation	The said functions will not work	As a workaround, user need to switch/toggle the options to enable the Operation/Apply button
BPUAA-13065	Throwing errors when user select all alarms in events and tried to delete if those alarms are cleared	N/A	N/A
BPUAA-13270	Unable to create service templates	Cannot create service templates	N/A
BPUAA-12519	Advanced Alarm Not Received on UAA for device ALMIN_BGN000001 EP = MCH-1-3	Advanced alarms will not be received	N/A
BPUAA-12487	Custom filter does not show Alarms for the Full Time Window provided	Custom filter alarms will not be displayed	N/A
BPUAA-10278	SLA records mixed up between services	SLA records are incorrectly displayed	N/A
BPUAA-9369	"Error - Modifying SLA failed..." while trying to save the edited SLA	Modifying SLA will fail	N/A
BPUAA-9614	Issue with SLA widget data generation	SLA generation via widget fails	N/A
BPUAA-5898	Creating threshold policy using REST API is not fully implemented	Example JSON will not be seen in the REST API for create threshold policy API call	N/A
BPUAA-11081	Fault summary table widget is not working	Fault summary table widget will not work	N/A
BPUAA-6382	UAA-UI login page is not loading while using hostname in browser	Using hostname, the UAA UI page will not load	N/A
BPUAA-10935, BPUAA-10860, BPUAA-10897	Chart visualization does not work for pdf generation	PDF generation will not work for chart visualization	N/A
BPUAA-11010, BPUAA-9107	Generated report is blank when trying to add alarm reports	Generated reports will be blank for alarm pages	N/A
BPUAA-11029	Service Snapshot values are zero	Service snapshot values will	N/A

	when consolidation function is Avg	be zero for avg. consolidation function	
BPUAA-10987	On endpoint details page –  3. The default date range is showing of future (present+1), even though the data is plotted correctly for the current date range  4. If the chart view is changed to table view and the date range is modified, all the charts are changed to table view	3. N/A  4. The chart view will be changed to table view for all charts	3. N/A  4. N/A
BPCOREUI-2147	Custom Chart/Table: Append the metric selected in the query builder columns	Will not be able to filter the visualizations with metrics present in it	N/A
BPCOREUI-2088	Generated CSV for Table widget is empty	The CSV/pdf file for generated reports for SLA widgets will not have any data	N/A
BPCOREUI-2088	Background/Scheduled generation of SLA widgets is not working	SLA widgets will not be generated	N/A
BPUAA-9037	Unable to implement TMF621 Ticket System	Integration of external ticketing system will fail	N/A
BPUAA-10433	Alarm Widget does not update in dashboard on operations performed on Tree Table	Delayed updates in the widgets post alarm operations	Manually refresh the dashboard page
BPUAA-2689	Unable to edit the SLA	SLA edit has a problem with modifying the existing ConformanceObjective	Add and delete ConformanceObjective to work properly
BPPF-10968	If External authentication system (TACACS, RADIUS) not reachable, user not able to login with Tron internal users	No user can login until external system is up	Disable external authentication from DB and login with internal to proceed
BPUAA-8299	Alarms are not raising for Resource Adapters Log Translators if multiline is enabled	Alarms will not be raised for multiline log translators	N/A
BPUAA-2825	View communication logs for nodes and compute hosts are not displayed	N/A	N/A
BPUAA-3800	Support for ASCII and CORBA protocols are not available in 21.10	ASCII and CORBA supported devices cannot be managed	N/A
BPUAA-3801	Support for No-utils to make changes of Workflow/PCR through CLI is not available	The workflow/PCR cannot be copied onto the next system	Rebuild the workflows/PCR in the UI
BPUAA-8246	Newly created subnet is not visible	N/A	Relaunch the page/tab to view

	in the network tree		the newly created subnet
BPUAA-7053	Scroll is not working in the metric tab when accessing node from topology page	Scroll will not work	Refresh the page to use the scroll
BPUAA-8197	Duplicate charts are created for grouped metrics under the PM summary and metric tab of endpoint details page	N/A	N/A
BPUAA-8207	Single High and low threshold values are not displayed in performance threshold policies when using the Formula in New UI	The issue arises only when select the formula use case for performance threshold policies	N/A
BPUAA-7579	Performance threshold policies are getting created even if the NULL values are present in the severity column	If NULL values are present, the alarms for that value will not be triggered	N/A
BPUAA-3087	Global search with node in alarms and events page tree should expand and highlight the subnet which contains the node	Node search in global search does not work for network tree in alarms page	Manually select the node
BPUAA-9560	Button to Force reload of all the workflows in the cache is not working	Force sync will not work	N/A
BPUAA-9520	Performance Metric: Revert Metric functionality is not working for Custom metrics	No support present for custom metrics	N/A
BPCOREUI-1941	Widget Tree: Folders should have high priority while displaying under widget repository/report/dashboard	N/A	N/A
	WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications	N/A	N/A
BPCOREUI-1959	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPUAA-9351	Generate background PDF report does not support alarm table	Alarm table added in the reports will not be generated in the pdf	N/A
BPUAA-10025	unable to navigate to node /service detail page from topology component in dashboard	N/A	Manually navigate to the service details page
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A

BPUAA-8601	Any operation (CRUD) on dashboard, report, widgets are not logged in security log in UAA	Logs will not be shown in UAA security log	All core-ui rest api urls can be checked in Dashboard > Global > Analytics Dashboard > Audit log
BPUAA-8555	Security Tab: Logs are not generated (Logging in and logging out)	Logs will not be shown in UAA security log	All login/logout operations can be checked in Dashboard > Global > Analytics Dashboard > Audit log
BPUAA-8840	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPUAA-8855	If LDAP is enabled another internal user of BPUAA (netadmin, admin, operator, customer role) will not be allowed to login	Only LDAP user will be able to login	Disable LDAP to allow other users to login
BPCOREUI-1543	CSV/XML import of Dashboards/Reports/Visualizations objects not supported	CSV and XML imports will not work	Use REST API for import
BPUAA-8850	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPUAA-8551	Option to choose special character in password settings not supported	N/A	BP Platform supports all special characters by default ( <i>Change in behavior</i> )
BPUAA-8550	Login message window is removed from the UAA UI	Login confirmation window will not be displayed	N/A
	Mobile UI is not supported	Users will not be able to use mobile view for UAA UI	N/A
BPPF-10564	Admin can create users with any combination of predefined roles or custom roles; which allows admin to create customer/read-only user with other roles as well which is not desirable	Users with other roles can be created which is not required	Admin should carefully assign the roles to users. Customer/read-only should not get combined with any other Roles.
BPCOREUI-1354	Exporting pdf with maximum row limit is not supported	Export PDF/CSV max limit is not configurable	Export PDF/CSV max limit is not configurable; it will use default values set in software.  maxColumnCount = 80; maxCellCount = 100000; maxRowCount = 10000; maxZipRowCount = 20000; maxPDFColumnCount = 80;

			maxPDFCellCount = 100000; maxPDFRowCount = 10000;
	Admin user cannot set default landing page for other user(s)	Admin users does not have the permission to set the landing page	User can set landing page from App Bar > Settings > Landing Page > Set for User  Customer user cannot set specific dashboard view as landing page; but they can set specific dashboard edit page as landing page
BPUAA-6501	System > Overview page not available	User will not be able to access the overview page	N/A
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c}  Current Behavior: {A,B,C,a,b,c}  Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
	Adding charts from EP/Service details page to Dashboard is not available	Users will not be able to add charts from EP/Service details page	Create visualization of specific chart and add to dashboard
BPCOREUI-1917	No option to add control to dashboard; Control as a widget not available	Cannot apply control on multiple widgets at once	N/A
BPCOREUI-2049	Min/Max value representation for PM Visualization charts is not available	Min/Max values will not be displayed in the chart	N/A
	Visualization option from EP/Service context menu not available	User cannot use context menu for EP/service	Apply EP/Service control from Visualization page
BPCOREUI-1843	Support for Custom days, Hours in date picker not available in visualizations	N/A	Use custom time
BPCOREUI-1859	Show individual chart option in visualization is not available	User will not be able to see individual charts	N/A
	Query Filter import/export format changed from CSV to JSON	Users will now use JSON format for import/export query filter	Change in behavior
	Users can set landing page from settings in App bar UI	Removed home page setting from user edit page	Change in behavior
	UAA swagger-ui moved to BP platform App bar UI	N/A	Change in behavior

	Default Dashboard “Operational Metrics” not available in fresh install of UAA	Default Operational dashboard is not available	Manually create operational metrics dashboard
BPCOREUI-2073	Scheduling of Dashboard Components does not work	Scheduling does not work for users	N/A
	Edit widget from dashboard does not work	Users will not be able to edit the widget directly from the dashboard page	N/A
	Option to know About BPUAA version, Plugin version from UI is not available	N/A	N/A
	Multi select through keyboard (shift/ctrl select) in Alarms and Events pages is not available	Keyboard multi-select will not work	Select checkbox using mouse
	CSV/XML Import Visualization support is not available	CSV/XML import will not work	Use REST API for importing
	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
	No Localization support for Custom Fields	Content will continue to display in English	N/A
	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10437	Customer roles are assigned along with other user roles	Customer users will be able to access other pages not meant to be allowed to them	While creating users and assigning the roles, the admins should not assign other roles to a customer user role
BPUAA-10404	Clicking on view communication logs to check other metrics does not load and the system hangs	Unable to view communications logs	The view communication logs button will not work and should not be clicked to avoid system freezing
BPUAA-10124	Passive SNMP nodes are not collecting PM	PM will not be collected for passive SNMP nodes	N/A
BPUAA-10442	Service Quality is not working showing Unknown on services page	Service quality will display as UNKNOWN regardless of filter condition	N/A
BPUAA-10416	Action templates not updating alarms when triggered from alarm list	Delay in auto refresh will delay the update in the alarm list	Once auto refreshed, the list will be updated
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A

Upgrade Limitations			
	Active alarm components in dashboard is not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
	Generated Reports table migration not supported	Generated reports in previous version will not be present post upgrade	N/A
BPUAA-9992	User Time Zone format migration not supported	User Time Zone format is not correct post upgrade	Manually set time zone from user preferences page
BPUAA-9992	Custom logo migration not supported	Custom logo is not present post upgrade	Manually set the custom logo in preferences page under App Bar UI
BPUAA-9992	Alarm setting's (Theme colors and configurations in System > Settings > Alarms) is not reflected after upgrade	Alarm setting are not present post upgrade	Manually user needs to update the Alarm settings post upgrade

---

## Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari



# New and Updated Features 22.02.44

Release 22.02.44 introduces the following new or updated features and support –

**BPUAA-7022:** Added support to contextually link a service on connections page in UAA for additional in-depth analysis in the ROA UI of the service.

**NOTE** The contextual linking between UAA and ROA works only for EVPN, EVPN-VLLS, EVPN-VPLS, VPLS, L3 VPN, VLL, Tunnel service types. Users need to make sure that the UAA and ROA are installed under the same cluster having same Site IP.

**BPUAA-8863:** Added support to allow the internal users to login if the external servers are not reachable.

**BPUAA-9533:** Enhanced communication between ROA and ROA-integrator in UAA UI using Kafka.

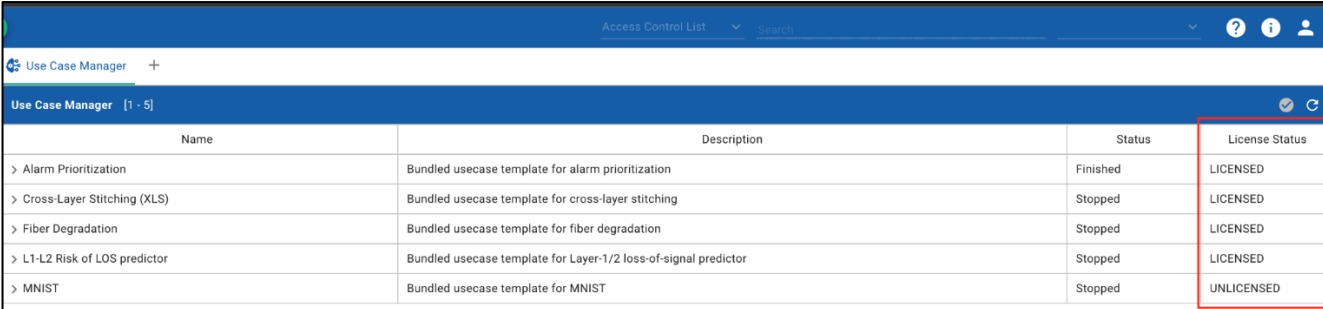
**NOTE** The real-time fetching of service path from ROA continue to happen through REST API.

**BPUAA-8867:** Enhanced Geographical Redundancy to support upgrade of UAA in GR environment.

**BPUAA-6915:** Added support for Click House (CH) sharding to improve CH schema and overall performance.

**BPUAA-8968:** Added support to deploy analytics use cases for customers in a more agile manner thereby reducing the need for any major upgrades to the system.

**BPUAA-8861:** Analytics use cases are now licensed under UAA and the licenses for each use case will need to be managed via Flexera licensing portal.



The screenshot shows the 'Use Case Manager' interface with a table listing various use cases. The 'License Status' column is highlighted with a red box, showing 'LICENSED' for most and 'UNLICENSED' for MNIST.

Name	Description	Status	License Status
> Alarm Prioritization	Bundled usecase template for alarm prioritization	Finished	LICENSED
> Cross-Layer Stitching (XLS)	Bundled usecase template for cross-layer stitching	Stopped	LICENSED
> Fiber Degradation	Bundled usecase template for fiber degradation	Stopped	LICENSED
> L1-L2 Risk of LOS predictor	Bundled usecase template for Layer-1/2 loss-of-signal predictor	Stopped	LICENSED
> MNIST	Bundled usecase template for MNIST	Stopped	UNLICENSED

The following table represents the license is required for use case –

Use Case Name	License Name
Alarm Prioritization	BPUAA_ALARM_PRIORITIZATION
Fiber Degradation	BPUAA_FIBER_DEGRADATION

Cross Layer Stitching (XLS)	BPUAA_XLS
Layer 1, Layer 2	BPUAA_L1L2

**BPUAA-8970:** Improved alarm prioritization use case to determine priority using –

- Reading all the comments and not just latest
- Prioritize Human inputs vs Auto-generated inputs
- Analyze the click of assign/acknowledge alarm

The screenshot displays the 'Alarm Prioritization' configuration window. It includes a toggle for 'Alarm Prioritization' which is enabled. Below it, a 'Sensitivity' slider is positioned at 'High'. Another toggle for 'Auto Schedule' is also enabled. Under the 'Alarm Ranking Weights' section, four sliders are shown, all set to the maximum value of 10: 'Clearing Guide', 'Intrinsic', 'User Action', and 'Service Impact'. A 'Save' button is located at the bottom right of the interface.

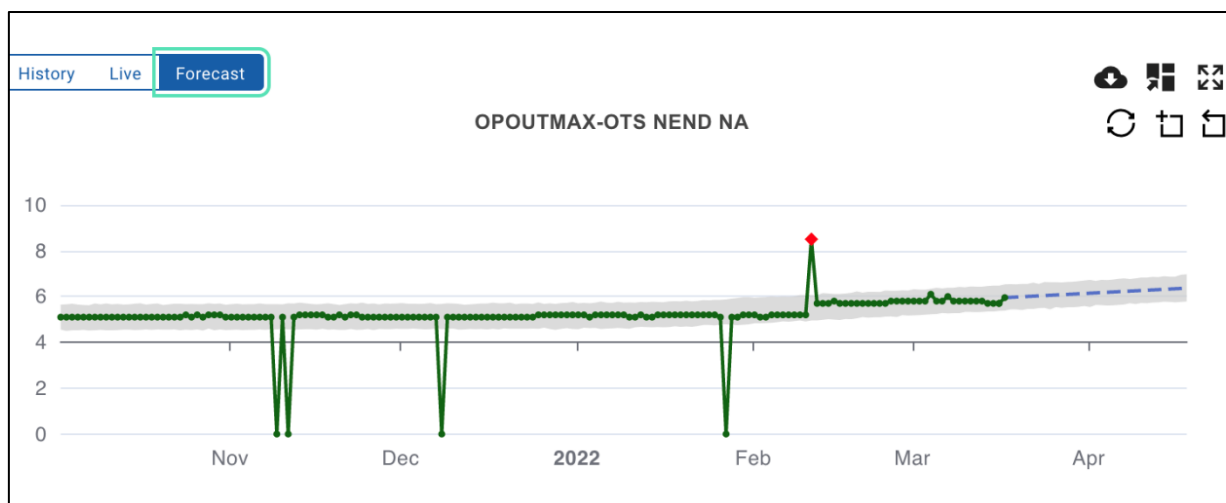
**BPUAA-9252:** Improvements to PM Charts

UAA now forecasts PM based on the historical trend of the PM collected. A new Forecast button is added along with Live and History button. Clicking on the Forecast button, the individual PM chart gets reloaded with the PM forecast (in dotted line) and historical anomalies (if any are plotted on the chart with a red dot).

Anomalies are currently detected against historical PM data timelines and are not predicted for future timelines, but PM value forecasts are. Furthermore, no alarms are triggered as a result of the detected anomaly.

The Forecast is available for all time period - Day, Week, Month, Year, or Custom.

To calculate the forecast PM, the historical data of the same time period is taken as reference and the forecast data for 20% of the future time period is plotted.



**BPUAA-312:** Added support to send alarm JSON (*REST API compatible*) through configured kafka action template.

**BPUAA-8870:** Added the ability to create custom fields for services table.

**BPUAA-8937:** Added support for Generic File adapter that enables UAA to support devices Out-Of-Box without the necessity of building complex adapters in case the customer wants to support NEs via files.

**BPUAA-541:** Added the ability to display the device password/community string using REST API

**BPUAA-8954:** Added the ability to display the node password on the add/modify node page.

**NOTE** | The permission to show node password is assigned to only Super User Role.

Nodes > NEW NE

Properties
Metadata

General

\* Name:

NEW NE

Alternate Name:

\* Domain:

Default

\* Parent:

Type to get the items...

Previous Hop:

Type to get the items...

Dependent On:

Type to get the items...

\* Node Template:

Type to get the items...
View Details

\* Application Monitoring Template:

Type to get the items...
View Details

Node Action Template:

Type to get the items...
View Details

\* Sites:

Default

Discover in UnManaged State:

☐

Enable Availability State:

☐

Communication

\* Protocol:

TL1

\* Session Type:

SSh

Resource Adapter:

Select

User Id:

cienabp

Password:

.....

\* Connection Type:

Direct

Chat Required:

☒

CR/LF Required:

☐

\* SSH UserName:

sshUser

\* SSH Password:

password

Secondary Address Type:

☒ IP Address
☐ Gateway

\* Primary IPv4/6:

IP address/ Hostname

\* Primary Port:

## Open/known issues in release 22.02.44

Review the open issues/limitations listed below before deploying Blue Planet Unified Assurance and Analytics current UI. Each issue includes a tracking number (*where applicable*), which represents known system issues. Workarounds and plans for resolution in future releases are provided where applicable.

Jira ID	Description	Impact	Workaround
BPUAA-12188	Vulnerable version of log4j is used in UAA-ROA integrator present under UAA TAR	<p>Installing UAA-ROA integrator will make the system vulnerable to the log4j vulnerability issue as described below.</p> <p>In Apache Log4j2 versions up to and including 2.14.1 (excluding security releases 2.3.1, 2.12.2 and 2.12.3), the JNDI features used in configurations, log messages, and parameters do not protect against attacker-controlled LDAP and other JNDI related endpoints. An attacker who can control log messages or log message parameters can execute arbitrary code loaded from LDAP servers when message lookup substitution is enabled.</p> <p><a href="https://logging.apache.org/log4j/2.x/security.html">https://logging.apache.org/log4j/2.x/security.html</a></p>	Since there is a combo lineup TAR separately available to install UAA and ROA, during deployment skip the all lineup containing UAA-ROA integrator under UAA TAR.
BPUAA-12113	Getting "Create service failed" notification message when we create a service without External ID, but service creation happens irrespective of the error notification. Same issue is for service delete as well.	During service edit, endpoints are not retained.	While creating the service, add External ID as a mandatory parameter. No error notification will be observed, and endpoints will be retained properly during edit. Same holds good for service delete as well.
BPUAA-11012	Unable to edit Service/EVC when user add exclusions to the Service/EVC	Cannot edit a service with exclusions added	N/A
BPUAA-12053	SLA widget generation is not working when Service > Quality, Availability, and Operational State columns were included in the display properties	SLA widget generation will not work with those columns enabled	N/A
BPCOREUI-2408	Widget with line, band visual config fails in Report PDF	Widget with line and band will not be available in PDF	N/A

BPUAA-10015	Getting "java.lang.NullPointerException" error when we create a fault Percentage Availability/Overall percentage Availability for Chart/table	Percentage availability will not work with bucket by result	N/A
BPUAA-11583	ATP will not function after it is edited	Alarm Threshold policy not working after editing.	N/A
BPUAA-11329	Issue with attachments in nodes/subnetwork page	Download node attachments has incorrect data	N/A
BPCOREUI-2429	Managed field: Reset to system Default is not updating the columns as in system default display preferences (Tree table)	Reset to default will not work	Create new manage fields from default using save as option
BPUAA-8299	PLT: Alarm is not raising for multiline log translator	PLT: Alarm is not raising for multiline log translator	N/A
BPUAA-10011	TMF628: Reports are not getting generated and "FileReady" notification is not sent to external server	TMF628 Reports will not generate	N/A
BPUAA-9971	ACL user is able to see all the alarm under Fault visualization	ACL user is able to see all the alarm under Fault visualization	N/A
BPUAA-8788	Visualization option is not available under node /ep/service/evc Context menu/details pages	Visualization option is not available under node /ep/service/evc Context menu/details pages	Create from Visualization page with Controls
BPUAA-7329	Alarms and Events: Selection of check box gives same result for CTRL+Click or Shift +Click	Selection of check box gives same result for CTRL+Click or Shift +Click	N/A
BPCOREUI-2370	Infinite Scroll: Row count on Grid switch to initial stage when user switch between the tabs	impact on all pages except alarms	N/A
BPUAA-11450	PM Widgets: TimeZone and Time under X-axis is not matching with DB/browser time	time zone in UTC format	N/A
BPUAA-11885	Performance metric creation with custom PM type is not saving	Custom metric type can't assign to metrics	N/A
BPUAA-11784	Dashboards: Getting Aww Snap error and page unresponsive error	happens when large data available in widgets	Avoid overriding the default limit
BPUAA-11646	Data is not generating w.r.to Bucket results for Fault widget	Data is not generating w.r.to Bucket results for Fault widget	N/A
BPUAA-11488	Incorrect Data is showing when we	Incorrect data only for	Use other data range

	select "Agg results by columns /agg all results " for metric/Metric type widgets	when date range selected for current.	day/week/month/custom
BPUAA-11902	Getting Aw swap error when user try to create a topology when system has more nodes (2K plus)	has impact if any subnet has more than 2000 nodes while creating topology	Max limit supported 1500
BPUAA-11453	Incorrect Data is showing For Metric/Metric type When we select "NO Aggregation"	Incorrect data only for when date range selected for current.	Use other data range day/week/month/custom
BPUAA-11631	Unable to generate a fault/pm widget for service control	Unable to generate a fault/pm widget for service control	N/A
BPUAA-11489	ACL user Dashboard errors for multiple widget	ACL user Dashboard errors for multiple widget	N/A
BPUAA-10935, BPUAA-10860	Chart visualization does not work for pdf generation	PDF generation will not work for chart visualization	N/A
BPUAA-11010, BPUAA-9107	Generated report is blank when trying to add alarm reports	Generated reports will be blank for alarm pages	N/A
BPUAA-9037	Unable to implement TMF621 Ticket System	Integration of external ticketing system will fail	N/A
BPUAA-2689	Unable to edit the SLA	SLA edit has a problem with modifying the existing ConformanceObjective	Add and delete ConformanceObjective to work properly
BPUAA-8299	Alarms are not raising for Resource Adapters Log Translators if multiline is enabled	Alarms will not be raised for multiline log translators	N/A
BPUAA-2825	View communication logs for nodes and compute hosts are not displayed	N/A	N/A
BPUAA-3800	Support for ASCII and CORBA protocols are not available in 21.10	ASCII and CORBA supported devices cannot be managed	N/A
BPUAA-3801	Support for No-utils to make changes of Workflow/PCR through CLI is not available	The workflow/PCR cannot be copied onto the next system	Rebuild the workflows/PCR in the UI
BPUAA-8246	Newly created subnet is not visible in the network tree	N/A	Relaunch the page/tab to view the newly created subnet
BPUAA-7053	Scroll is not working in the metric tab when accessing node from topology page	Scroll will not work	Refresh the page to use the scroll
BPUAA-8197	Duplicate charts are created for grouped metrics under the PM summary and metric tab of endpoint details page	N/A	N/A
BPUAA-8207	Single High and low threshold values	The issue arises only when	N/A

	are not displayed in performance threshold policies when using the Formula in New UI	select the formula use case for performance threshold policies	
BPUAA-7579	Performance threshold policies are getting created even if the NULL values are present in the severity column	If NULL values are present, the alarms for that value will not be triggered	N/A
BPUAA-9560	Button to Force reload of all the workflows in the cache is not working	Force sync will not work	N/A
BPUAA-9520	Performance Metric: Revert Metric functionality is not working for Custom metrics	No support present for custom metrics	N/A
	WebHelp is not available for App Bar Menu – Users/usergroups/roles and platform applications	N/A	N/A
BPCOREUI-1959	Infinite scroll is not smooth in uaa-ui compared to assurance-ui	Infinite scroll is intermittently erratic, and rows may jump	N/A
BPUAA-9351	Generate background PDF report does not support alarm table	Alarm table added in the reports will not be generated in the pdf	N/A
BPUAA-9742	CSV Generation of the report in scheduled/Background is not working for BPUAA Table widgets	Added table widgets in the report will not be generated in the pdf	N/A
BPUAA-8713	User needs to configure Email properties in 2 places: 1 in UAA-UI for alarms/Workflows etc., and another in CORE-UI for Reports/Dashboards	User will have to configure their email in 2 places	N/A
BPUAA-8601	Any operation (CRUD) on dashboard, report, widgets are not logged in security log in UAA	Logs will not be shown in UAA security log	All core-ui rest api urls can be checked in Dashboard > Global > Analytics Dashboard > Audit log
BPUAA-8555	Security Tab: Logs are not generated (Logging in and logging out)	Logs will not be shown in UAA security log	All login/logout operations can be checked in Dashboard > Global > Analytics Dashboard > Audit log
BPUAA-8840	Users should not be allowed to login with case sensitivity on usernames	Users are allowed to login with case sensitive on usernames	Make sure to use different usernames for each user rather than using changing usernames with just case sensitivity
BPUAA-8855	If LDAP is enabled another internal user of BPUAA (netadmin, admin, operator, customer role) will not be allowed to login	Only LDAP user will be able to login	Disable LDAP to allow other users to login
BPCOREUI-1543	CSV/XML import of	CSV and XML imports will	Use REST API for import

	Dashboards/Reports/Visualizations objects not supported	not work	
BPUAA-8850	Import of user, usergroup through csv (as per import/export guide of UAA) is not supported	Import of users and usergroup will not work	Import bulk user using swagger-ui is supported; Refer UAC swagger-ui API: /api/v1/users/bulk_user_create
BPUAA-8550	Login message window is removed from the UAA UI	Login confirmation window will not be displayed	N/A
	Mobile UI is not supported	Users will not be able to use mobile view for UAA UI	N/A
BPCOREUI-1354	Exporting pdf with maximum row limit is not supported	Export PDF/CSV max limit is not configurable	Export PDF/CSV max limit is not configurable; it will use default values set in software.  maxColumnCount = 80; maxCellCount = 100000; maxRowCount = 10000; maxZipRowCount = 20000; maxPDFColumnCount = 80; maxPDFCellCount = 100000; maxPDFRowCount = 10000;
	Admin user cannot set default landing page for other user(s)	Admin users does not have the permission to set the landing page	User can set landing page from App Bar > Settings > Landing Page > Set for User  Customer user cannot set specific dashboard view as landing page; but they can set specific dashboard edit page as landing page
BPUAA-6501	System > Overview page not available	User will not be able to access the overview page	N/A
BPPF-11499	Sorting of values based on ASCII chars, not based on locale, Unicode. Ex: {a,C,b,A,B,c}  Current Behavior: {A,B,C,a,b,c}  Actual expectation: {A,a,B,b,C,c}	N/A	Sort using Unicode
BPUAA-8424	Resource Adapter Updates available notifications can be configured to send to only one Email	No option to configure multiple emails to get notifications	N/A
	Adding charts from EP/Service details page to Dashboard is not available	Users will not be able to add charts from EP/Service details page	Create visualization of specific chart and add to dashboard



BPCOREUI-1859	Show individual chart option in visualization is not available	User will not be able to see individual charts	N/A
	Query Filter import/export format changed from CSV to JSON	Users will now use JSON format for import/export query filter	Change in behavior
	Users can set landing page from settings in App bar UI	Removed home page setting from user edit page	Change in behavior
	UAA swagger-ui moved to BP platform App bar UI	N/A	Change in behavior
	Default Dashboard “Operational Metrics” not available in fresh install of UAA	Default Operational dashboard is not available	Manually create operational metrics dashboard
	Edit widget from dashboard does not work	Users will not be able to edit the widget directly from the dashboard page	N/A
	Multi select through keyboard (shift/ctrl select) in Alarms and Events pages is not available	Keyboard multi-select will not work	Select checkbox using mouse
	CSV/XML Import Visualization support is not available	CSV/XML import will not work	Use REST API for importing
	No Localization support for PDF/CSV exported Data	Content will continue to display in English	N/A
	No Localization support for Visualizations, Reports, Dashboards, Users, User Groups and Roles pages	Content will continue to display in English	N/A
	No Localization support for Custom Fields	Content will continue to display in English	N/A
	No Localization support in Query filters with alarm properties	Content will continue to display in English	N/A
BPUAA-10124	Passive SNMP nodes are not collecting PM	PM will not be collected for passive SNMP nodes	N/A
BPUAA-10506	network-element import of latitude, longitude data log shows partial success	Complete network-element import will not work	N/A
<b>Upgrade Limitations</b>			
	Active alarm components in dashboard is not available after migration	User will not be able to view active alarms in dashboard	Add active alarm components to dashboard manually post upgrade
	Topology Component in dashboard is not available post migration	User will not be able to view Topology components in dashboard	Add topology components to dashboard manually post upgrade
	Generated Reports table migration not supported	Generated reports in previous version will not	N/A

		be present post upgrade	
BPUAA-9992	User Time Zone format migration not supported	User Time Zone format is not correct post upgrade	Manually set time zone from user preferences page
BPUAA-9992	Custom logo migration not supported	Custom logo is not present post upgrade	Manually set the custom logo in preferences page under App Bar UI
BPUAA-9992	Alarm setting's (Theme colors and configurations in System > Settings > Alarms) is not reflected after upgrade	Alarm setting are not present post upgrade	Manually user needs to update the Alarm settings post upgrade

---

## Limitations

Review the additional limitations listed below before deploying Blue Planet Unified Assurance and Analytics. Workarounds and plans for resolution in future releases are provided where applicable. All issues described below will be resolved in a future release unless stated otherwise.

- Edit of site name is currently disabled including default site name
- Save sort order for non-indexed column may result in page slowness
- Adding Logical Topology to the Dashboard is not possible
- Raising a single ticket for multiple events will send subsequent update call only when 'Update ticket when alarm clears' check box in the Trouble Ticket page is selected. Otherwise for all selected events only a single create call will be made with a random single event information
- Creation of advanced report is not supported for PM series report
- PM charts of Node loads for end points after navigating from node to end point in the graph panel
- Logical topology grouping in custom tree follows network tree subnetwork grouping
- Custom tree renaming is not possible
- WAV and OGG sound files are not supported on some platforms and browsers such as Safari

# License Server

Beginning with the 20.10 release, all Blue Planet products require the use of a license server. Be sure to include this requirement in your hardware plans, and read the requirements, installation, and upgrade instructions to ensure you set up and use the license server.

The following components require licensing –

Feature Name	Licenses Required
<b>Dashboards</b>	BPUAA_NETWORK_ASSURANCE
<b>Alarms &amp; Events</b>	BPUAA_NETWORK_ASSURANCE / BPUAA_SERVICE_ASSURANCE
<b>Topology</b>	BPUAA_GIS_TOPOLOGY / BPUAA_CABLE_ASSURANCE / BPUAA_IP_SLA
<b>Cloud</b>	BPUAA_NETWORK_ASSURANCE / BPUAA_SERVICE_ASSURANCE
Compute Hosts	BPUAA_NETWORK_ASSURANCE
VMs	BPUAA_NETWORK_ASSURANCE
VNFs	BPUAA_SERVICE_ASSURANCE
<b>Ethernet</b>	BPUAA_ETHERNET_ASSURANCE / BPUAA_IP_SLA
Interfaces	BPUAA_ETHERNET_ASSURANCE
Flow Points	BPUAA_ETHERNET_ASSURANCE
EVCs	BPUAA_ETHERNET_ASSURANCE
IP SLA	BPUAA_IP_SLA
Networks	BPUAA_ETHERNET_ASSURANCE
<b>End Points</b>	BPUAA_ALARM_CUSTOMIZATION
<b>Nodes</b>	BPUAA_NETWORK_ASSURANCE
<b>Services</b>	BPUAA_SERVICE_ASSURANCE
<b>Connections</b>	BPUAA_SERVICE_ASSURANCE
<b>Customers</b>	BPUAA_SERVICE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE
<b>Visualizations</b>	BPUAA_NETWORK_ASSURANCE / BPUAA_PERFORMANCE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE / BPUAA_CABLE_ASSURANCE
<b>Reports</b>	BPUAA_NETWORK_ASSURANCE / BPUAA_PERFORMANCE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE / BPUAA_CABLE_ASSURANCE
Reports	BPUAA_NETWORK_ASSURANCE / BPUAA_PERFORMANCE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE / BPUAA_CABLE_ASSURANCE
Scheduled Reports	BPUAA_NETWORK_ASSURANCE / BPUAA_PERFORMANCE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE / BPUAA_CABLE_ASSURANCE
Generated Reports	BPUAA_NETWORK_ASSURANCE / BPUAA_PERFORMANCE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE / BPUAA_CABLE_ASSURANCE
<b>Discovery</b>	BPUAA_NETWORK_ASSURANCE
Scheduled Maintenance	BPUAA_SCHEDULED_MAINTENANCE
<b>Automation</b>	BPUAA_WORKFLOW
Workflows	BPUAA_WORKFLOW
Action Templates	BPUAA_WORKFLOW
<b>Configuration</b>	-
Alarm Correlation Policies	BPUAA_ALARM_CORRELATION_POLICIES
Alarm Threshold Policies	BPUAA_NETWORK_ASSURANCE
Alarm Suppression Policies	BPUAA_SERVICE_ASSURANCE and BPUAA_ROOT_CAUSE_ANALYSIS
Resource Adapter Log Translators	BPUAA_ASCII / BPUAA_SNMP / BPUAA_TL1
Audible Alarm Notification Policies	BPUAA_AUDIBLE_ALARM_NOTIFICATION
Resource Adapter	BPUAA_ASCII / BPUAA_SNMP / BPUAA_TL1

Customization Rules	
Application Monitoring Templates	BPUAA_NETWORK_ASSURANCE
Performance Monitoring Templates	BPUAA_ALARM_CUSTOMIZATION
End Point Templates	BPUAA_ALARM_CUSTOMIZATION
Node Templates	BPUAA_NETWORK_ASSURANCE
Service Templates	BPUAA_NETWORK_ASSURANCE
Performance Threshold Policies	BPUAA_PERFORMANCE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE / BPUAA_CABLE_ASSURANCE
Application Monitors	BPUAA_NETWORK_ASSURANCE
Discovery Credentials	BPUAA_NETWORK_ASSURANCE
SLAs	(BPUAA_ETHERNET_ASSURANCE and BPUAA_SLA_MANAGEMENT) / (BPUAA_SERVICE_ASSURANCE and BPUAA_SLA_MANAGEMENT)
Workflow Triggers	BPUAA_WORKFLOW
Node Actions	BPUAA_NETWORK_ASSURANCE
Node Action Templates	BPUAA_NETWORK_ASSURANCE
<b>System</b>	-
Overview	BPUAA_NETWORK_ASSURANCE
Active Users	BPUAA_NETWORK_ASSURANCE
Users	BPUAA_NETWORK_ASSURANCE
User Groups	BPUAA_NETWORK_ASSURANCE
Custom Tree	BPUAA_NETWORK_ASSURANCE
Access Control List	BPUAA_NETWORK_ASSURANCE
Security Log	BPUAA_NETWORK_ASSURANCE
Performance Metrics	BPUAA_PERFORMANCE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE / BPUAA_CABLE_ASSURANCE
Performance Metric Groups	BPUAA_PERFORMANCE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE / BPUAA_CABLE_ASSURANCE
Performance Metric Types	BPUAA_PERFORMANCE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE / BPUAA_CABLE_ASSURANCE
Service Types	BPUAA_ETHERNET_ASSURANCE
Administrative Domains	BPUAA_NETWORK_ASSURANCE
Manage Sound Files	BPUAA_AUDIBLE_ALARM_NOTIFICATION
Custom Alarm Fields	BPUAA_NETWORK_ASSURANCE
Custom Node Fields	BPUAA_NETWORK_ASSURANCE
Custom End Point Fields	BPUAA_ALARM_CUSTOMIZATION
Resource Adapters	BPUAA_ASCII / BPUAA_SNMP / BPUAA_TL1
External Database Connections	BPUAA_NETWORK_ASSURANCE
Licensing	-
<b>Settings</b>	-
Alarm	BPUAA_NETWORK_ASSURANCE
Communication	BPUAA_NETWORK_ASSURANCE
Database	BPUAA_NETWORK_ASSURANCE
Display Preferences	BPUAA_NETWORK_ASSURANCE
Performance	BPUAA_NETWORK_ASSURANCE and (BPUAA_PERFORMANCE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE / BPUAA_CABLE_ASSURANCE)
Scheduled Maintenance	BPUAA_SCHEDULED_MAINTENANCE
Security	BPUAA_NETWORK_ASSURANCE
Service	BPUAA_NETWORK_ASSURANCE and (BPUAA_PERFORMANCE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE)
SLA	(BPUAA_ETHERNET_ASSURANCE and BPUAA_SLA_MANAGEMENT) /

	(BPUAA_SERVICE_ASSURANCE and BPUAA_SLA_MANAGEMENT)
SMTp	BPUAA_NETWORK_ASSURANCE
Resource Adapters	BPUAA_WORKFLOW
System	BPUAA_NETWORK_ASSURANCE
Topology	BPUAA_GIS_TOPOLOGY
Trouble Ticket	BPUAA_TROUBLE_TICKET_INTEGRATION
ROA Integrator	BPUAA_ROA_INTEGRATION
Analytics	BPUAA_NETWORK_ASSURANCE
Backup Database	BPUAA_NETWORK_ASSURANCE
Add Scheduled Maintenance for selected VNFs services	BPUAA_SCHEDULED_MAINTENANCE
Add Scheduled Maintenance for selected compute host node	BPUAA_SCHEDULED_MAINTENANCE
Add Scheduled Maintenance for selected end points	BPUAA_SCHEDULED_MAINTENANCE
Add Scheduled Maintenance for selected flow points	BPUAA_SCHEDULED_MAINTENANCE
Add Scheduled Maintenance for selected interfaces	BPUAA_SCHEDULED_MAINTENANCE
Add Scheduled Maintenance for selected services	BPUAA_SCHEDULED_MAINTENANCE
Add Scheduled Maintenance for selected vm node	BPUAA_SCHEDULED_MAINTENANCE
Add scheduled maintenance for selected EVCs	BPUAA_SCHEDULED_MAINTENANCE
Add scheduled maintenance for selected nodes	BPUAA_SCHEDULED_MAINTENANCE
Add scheduled maintenance for selected vlan services	BPUAA_SCHEDULED_MAINTENANCE
Create a new scheduled maintenance	BPUAA_SCHEDULED_MAINTENANCE
Delete scheduled maintenances	BPUAA_SCHEDULED_MAINTENANCE
Disable scheduled maintenance	BPUAA_SCHEDULED_MAINTENANCE
Edit scheduled maintenance	BPUAA_SCHEDULED_MAINTENANCE
Enable scheduled maintenance	BPUAA_SCHEDULED_MAINTENANCE
View Scheduled Maintenance	BPUAA_SCHEDULED_MAINTENANCE
End Point Details	BPUAA_ALARM_CUSTOMIZATION
Node Details	BPUAA_NETWORK_ASSURANCE
Add to Report	BPUAA_NETWORK_ASSURANCE / BPUAA_PERFORMANCE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE / BPUAA_CABLE_ASSURANCE
Reports	BPUAA_NETWORK_ASSURANCE / BPUAA_PERFORMANCE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE / BPUAA_CABLE_ASSURANCE
View Communications	BPUAA_NETWORK_ASSURANCE
View PM Template Details	BPUAA_NETWORK_ASSURANCE and (BPUAA_PERFORMANCE_ASSURANCE / BPUAA_ETHERNET_ASSURANCE / BPUAA_CABLE_ASSURANCE)
View Scheduled Maintenance	BPUAA_SCHEDULED_MAINTENANCE
Raise Trouble Ticket	BPUAA_TROUBLE_TICKET_INTEGRATION
Set Trouble Ticket	BPUAA_TROUBLE_TICKET_INTEGRATION
Add a web service query template	BPUAA_WEB_SERVICE_API
<b>Alarm Prioritization</b>	BPUAA_ALARM_PRIORTIZATION
<b>Fiber Degradation</b>	BPUAA_FIBER_DEGRADATION

---

Cross Layer Stitching	BPUAA_XLS
Network and Service Health Analytics	BPUAA_NETWORK_ASSURANCE
Bulk PM Monitoring and Forecasting	BPUAA_SERVICE_ASSURANCE
Silent Fault Detection	BPUAA_SILENT_FAULT_DETECTION

---

#### Contacting Blue Planet

Blue Planet Division Headquarters	7035 Ridge Road Hanover, MD 21076 +1 800-921-1144
Blue Planet Support	<a href="https://www.blueplanet.com/support">https://www.blueplanet.com/support</a>
Sales and General Information	<a href="https://www.blueplanet.com/contact">https://www.blueplanet.com/contact</a>
Training	<a href="https://www.blueplanet.com/learning">https://www.blueplanet.com/learning</a>

For additional information, please visit <https://www.blueplanet.com>.



---

## LEGAL NOTICES

THIS DOCUMENT CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION OF CIENA CORPORATION, INCLUDING ITS SUBSIDIARY, BLUE PLANET SOFTWARE, INC., AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE OR DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE, OR SELL ANYTHING THAT IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE, OR USE IN WHOLE OR IN PART WITHOUT THE SPECIFIC WRITTEN AUTHORIZATION OF CIENA CORPORATION OR BLUE PLANET SOFTWARE, INC IS STRICTLY FORBIDDEN.

EVERY EFFORT HAS BEEN MADE TO ENSURE THAT THE INFORMATION IN THIS DOCUMENT IS COMPLETE AND ACCURATE AT THE TIME OF PUBLISHING; HOWEVER, THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE.

While the information in this document is believed to be accurate and reliable, except as otherwise expressly agreed to in writing, BLUE PLANET PROVIDES THIS DOCUMENT “AS IS” WITHOUT WARRANTY OR CONDITION OF ANY KIND, EITHER EXPRESS OR IMPLIED. The information and/or products described in this document are subject to change without notice. For the most up-to-date technical publications, visit <https://my.ciena.com>.

Copyright© 2023 Ciena® Corporation. All Rights Reserved

The material contained in this document is also protected by copyright laws of the United States of America and other countries. It may not be reproduced or distributed in any form by any means, altered in any fashion, or stored in a data base or retrieval system, without express written permission of Blue Planet.

Ciena®, the Ciena logo, Blue Planet®, and other trademarks and service marks of Ciena, Blue Planet, and/or their affiliates appearing in this publication are the property of Ciena and Blue Planet. Trade names, trademarks, and service marks of other companies appearing in this publication are the property of the respective holders.

## Security

Ciena® cannot be responsible for unauthorized use of equipment and will not make allowance or credit for unauthorized use or access.