



UltraBand™ Version 7.0.10

Release Notes

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Release Overview

Release Version	UltraBand 7.0.10
Release Date	January 20, 2021
Release Type	General Availability
Deliverables	<ul style="list-style-type: none">● Upgrade Package for UltraBand 7.0.10● ISO for UltraBand 7.0.10● Release Documentation (Release Notes)
Additional Information	Improvements in UltraBand 7.0.9 release: Total Change Count: 13

Fault Analysis Report

PAUB-32242 - Web Cache Not working (8K buffer pool leak)

The webcache cleanup mechanism does not take errors into account when connection has some problems due network and it keeps the connection and related buffer in use which caused the leak now it is fixed so the webcache mechanism work as expected.

PAUB-32390 - Cache intermittently going down when trying to delete files from CMDB

Dynamically allocate the pieces record array instead of using a stack allocation. This allows the expiration system to remove very large files without causing memory corruption and crashing.

PAUB-32200 - PANG restarting happened - Failed to allocate packet

Add packet allocation quota for interface threads to avoid consuming all available packets

PAUB-32377 - Failed Unit Tests with wrong macro definition

The kernel was upgraded and some code required updating. There was also an uninitialized variable that caused UTs to suddenly start failing, it has been resolved by explicitly initializing to 0. No related crashes have been reported in production however.

PAUB-32391 - After clicking on the Add button an "Internal server error." is displayed. All other parts of the policyconfig pages are opening apart from the "Rules" tab.

Optionally disable prefetching if the database backend cannot handle the query size.

PAUB-32394 - Vulnerabilities scan fails (Docker)

Updated docker container to use new kernel during build and deploy

PAUB-32395 - Vulnerabilities scan fails (Pang)

Updated the product code to use new kernel during build and deploy

PAUB-32397 - Vulnerabilities scan fails (ISO)

Updated the ISO package to use the new and upgraded 3rd party packages

PAUB-32401 - Statistics Graph not showing correctly

The real cause of gaps in snmp was identified and fixed previously.

PAUB-32543 - Graphs are zoomed in

Fixed loop exit condition to stop when the desired period is completed

PAUB-32521 - Implement partial files ranged requests handling as separate files on disk

Adds support for ranged requests as part of HTTP 1.1 compliance

PAUB-31477 - SNMP data causing gaps in the graphs

Validate disconnect reason counter names to avoid adding incorrect counters

PAUB-32078 - Interface is overloaded when traffic is below total capacity

Increase averaging duration from 2 seconds to 5 seconds to help smooth out traffic spikes.