



A **ZEPHYRTEL** SOLUTION

UltraBand™ Version 5.7.14

Release Notes

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Table of Contents

Release Overview	3
Customer Defect(s)	3
Fault Analysis Report	4
Cache-out/BHR Degradation After Upgrade	4
SNMP Data Mismatch	4
Cache generating for Netflix traffic even though Netflix protocol is not present in cluster config	4
Stability Improvements	4
Defect(s)	5

Release Overview

Release Version	UltraBand 5.7.14
Release Date	Sep 4, 2019
Release Type	General Availability
Deliverables	<ul style="list-style-type: none">• ISO image for fresh installations of UltraBand 5.7.14• Release Documentation (Release Notes)
Additional Information	Improvements since UltraBand 5.7.14 release: Customer Defects - 3 Defect fixes - 4

Customer Defect(s)

JIRA ID	Zendesk ID	Description
PAUB-25244	#915355	Cache-out/BHR Degradation After Upgrade
PAUB-25449	#952534	SNMP Data Mismatch
PAUB-25500	None	Cache generating for Netflix traffic even though Netflix protocol is not present in cluster config

Fault Analysis Report

Cache-out/BHR Degradation After Upgrade

A customer reported there was a cache-out performance degradation as well the system resource usage was also increased after the upgrade. As the system was upgraded from 5.3 to 5.7 version the usage of the resources is in line with the new version of the software. As well a complete reboot was suggested after the upgrade and once the system was performed full restart of the system. Once the restart was done after a period of customer system operational usage there was no degradation observed and the other resource usages are with in accordance to the new version of the system.

SNMP Data Mismatch

A Customer reported issue regarding the graph data was not displayed properly. After due analysis, the systems behaviour was pointing to customer comparing the data fetch with other monitoring tool and after thorough analysis it was clarified that there were no data mismatch in any of the graph of the customer system and the differences between UBView and other monitoring systems of customer happens due to various factors like the frequency of data collection and duration of the data collection.

Cache generating for Netflix traffic even though Netflix protocol is not present in cluster config

It was reported by a customer that there were traffic is being classified as netflix even though netflix was not enabled in the config. After thorough analysis it was observed that the system was actually categorising as HTTP The issue was analyzed and conveyed the message to the customer.

Stability Improvements

PeerApp is constantly improving its testing methods as well as observing customer logs during troubleshooting of other customer defects. There were quite a number of instances where we had seen segmentation fault errors in the logs and these issues sometimes lead to

server crashes, which prompted us to proactively scan some modules and identify the root cause of these problems. The issues identified were mainly due to passing null values to the subroutines which are expecting memory addresses, causing segmentation issues and potentially stability issues. The product team is constantly fixing these issues and including them in each release before customers experience them on their premises, making the product more reliable and robust on after every release. As a result of this intense initiative, this release includes over few other improvements for overall stability of the product.

As the issues are internal and might not be relevant to all of our customers, we list only an excerpt of the released fixes for this version:

Defect(s)

JIRA ID	Zendesk ID	Description
PAUB-25298	None	Protect against null deref at packet_c::set_classifier_id() for v5
PAUB-25444	None	llpf Connection leaks
PAUB-26112	None	UBView Missing count number for "Total HASHes served during last hour " in Top P2P hashes
PAUB-26177	None	UBview 5.x.x Dashboard License remaining days wrong display