



A **ZEPHYRTEL** SOLUTION

UltraBand™ Version 6.2.7

Release Notes

Copyright

Copyright 2009-2018© by PeerApp
401 Congress Avenue, Suite 2650, Austin, TX 78701, USA.
info@peerapp.com
www.peerapp.com
support@zephyrtel.com

Table of Contents

Release Overview	3
Fixed Customer Defects Summary	3
Fault Analysis Report	3
Version 7.0b59 Application Core	3
Window 10 MSN App does not play	4
Enabling Webcache reduces system cache-out & performance	4
Stability Improvements	4

Release Overview

Release Version	UltraBand 6.2.7
Release Date	December 20, 2018
Release Type	General Availability
Deliverables	<ul style="list-style-type: none">• ISO image for fresh installations of UltraBand 6.2.7• Release Documentation (Release Notes)
Additional Information	Improvements since UltraBand 6.2.7 release: 3 customer defects several bug fixes

Fixed Customer Defects Summary

JIRA ID	Zendesk ID	Description
PAUB-19201	None	Version 7.0b59 Application Core
PAUB-18368	Ticket #309879 Ticket #387570 Ticket #399196	Window 10 MSN App does not play
PAUB-19192	Ticket #433567 Ticket #509370	Enabling Webcache reduces system cache-out & performance

Fault Analysis Report

Version 7.0b59 Application Core

A customer reported a system crash that was traced back to an unprotected memory access, causing a segmentation fault. The issue was promptly identified and fixed.

Window 10 MSN App does not play

The ingenious format used by Microsoft sometimes caused confusion inside the content manager's logic, where embedded ads, subtitles and localization data (such as languages) caused the system to misrepresent identical files as different. We have identified the clever tricks used and adapted the server to respond to these types of content.

Enabling Webcache reduces system cache-out & performance

It was noted by a customer that when the Webcache feature is enabled on certain high-throughput scenarios, it reduces the system Cache-out and overall performance. This is related to IO queues and how they react to stressful spikes. The issue was analyzed and fixed.

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 50 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:

JIRA ID	Zendesk ID	Description
PAUB-18485	None	Crash at startup, following from snmp_client_api_c::init()
PAUB-19447	None	Pang initialization requests wrong number of bytes in allocation
PAUB-19482	None	Potential double free on devargs failure

PAUB-19527	None	Crash at std::_Rb_tree, following from cfs_management_tables validation
------------	------	--