UltraBand™ Version 6.2.8

Release Notes

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Release Overview

Release Version	UltraBand 6.2.8
Release Date	September 4, 2019
Release Type	General Availability
Deliverables	- ISO image for fresh installations of UltraBand 6.2.7 - Release Documentation (Release Notes)
Additional Information	Improvements since UltraBand 6.2.7 release: 7 customer defects 7 several bug fixes

Fixed Customer Defects Summary

JIRA ID	Zendesk ID	Description
PAUB-25175	Ticket #911055	Host not able to start ub
PAUB-25209	None	Space not enough on /opt folder and keep rebooting VM
PAUB-25289	Ticket #306126	New disks are not getting formatted correctly in system V6.2.7b3
PAUB-25291	None	wrong P2P hash in TOP P2P Hashes table
PAUB-25446	Ticket #942806	Graph not reporting license drop
PAUB-25703	Ticket #996415	Cache-Out Drop observed by the system

Fault Analysis Report

Host not able to start ub

A customer reported a system crash and the system was not able to boot up that was traced back to an action where in the system was abruptly rebooted to solve a hardware issue, and accidentally corrupted a secondary data partition causing the system to not boot up. The issue was promptly identified and recommended a VM reinstall and that solved the issue.

Space not enough on /opt folder and keep rebooting VM

A customer systems was constantly getting rebooted It was observed during analysis there were logs were getting flooded with messages and the logs are not getting recycled for unknown reasons and there by crashing / rebooting the systems constantly. The issue was analyzed and fixed.

New disks are not getting formatted correctly in system V6.2.7b3

A customer had replaced the failed hard disks and were not able to format the disks. The issue was analyzed with regards to Host OS identifying the hard disks as well as Guest OS identifying the hard disks. After further due analysis it was suggested to reinstall the Guest OS and the new disks were able to format correctly.

Wrong P2P hash in TOP P2P Hashes table

A customer had observed the hash information displayed for the top P2P traffic was wrong. During the analysis it was found out that it was a defect and it was fixed.

Graph not reporting license drop

A customer had reported that even when the license enforcement started and the cache-out drops graph not reporting license drop for forwarding license. After due analysis it was observed that even though the license got expired it will provide a grace period of 30days to the customer to renew the license hence the graphs and the operations does not take a hit. It was system as designed.

Cache-Out Drop observed by the system

A customer had observed that there was sudden cache out drop. The system was analysed and it was observed that the system had less capacity to hold the cache data because of H/W failures and the disks were replaced and the replaced disks were not recognized by the system. After thorough due analysis it was suggested to reinstall the guest OS and it brought back the cacheout performance.

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-25145	None	Bad initialization due to wrong use of memset
PAUB-25154	None	Ultraband v6.x Installer is not showing build number since 6.2.1b206
PAUB-25167	None	ISO 6.2.5b224| Installation of UB-7135 with 2 X 10G PCI NIC Warning
PAUB-25348	None	Webcache traffic is displayed when we download the Bt torrent file
PAUB-25650	None	6.2.7b3	Graphing error in greater than 2 month granularity

PAUB-25862	None	UBView Missing count number for "Total HASHes served during last hour " in Top P2P hashes