



EXCELERATOR 2.2

Service Pack 2 Release Notes

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About Service Pack 2

The information in these release notes applies only to Excelerator 2.2 Service Pack 2.

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Major Issues Addressed in Excelerator 2.2 Service Pack 2

Table 1 summarizes the main issues that have been addressed in Service Pack 2.

Issues addressed in Service Pack 1 are listed in **Table 2 on page 13**.

Table 1

Defect #	Summary	Issue Addressed
	Filtering and Proxy causing unexpected restarting	Addressed unexpected restarting associated with filtering and the Excelerator 2.x proxy.
294811	Certificate Creation	The maximum buffer allocated for certificate creation was set to 1,024. This caused the system to not create certificates as expected. The limit has been increased to 2,048.
295228	Old Log File Options is resetting	Log Options > Old File Options settings were not being retained by the system.
295418	Password inconsistencies	The Web management interface was allowing spaces in passwords, but the command line was not. In Service Pack 2, spaces in passwords are not permitted in either interface.
296129	Bad content length header	Content-Length headers with trailing spaces were being ignored.
296345	Log push name and password case changes	The system was not recognizing letter case changes to a log push name or password. The original cases were being retained after a change request.

Defect #	Summary	Issue Addressed
296439	Management tab reset values	The initial settings on the Cache > Management tab and those set when the Reset button was clicked did not match.
296505	Bad connection to CERN parent	When an Excelerator proxy was using a CERN parent over a high latency connection, and the client canceled a fill request, the proxy was resetting the connection prematurely. This caused users to get a 502 gateway error.
296796	HTTP PURGE and DELETE	These requests were failing.
296859	Closing FTP Client causes restart	After downloading more than 64 log files, closing the FTP client caused the system to restart.
297001	Content Controller Agent Clean-up setting not honored	After its initial run, the clean-up process was running every minute instead of at the user specified interval.
297252	Upgrade fails	The over-the-wire-upgrade process (OTWUG) was not creating needed directories.
297381	Stale objects being incorrectly refilled	The rewriter was forcing stale objects to be refilled.
297465	Exchange 2000 webmail not working through proxy	Content-Range headers were being processed incorrectly.
297507	9.x Windows Media Player causes Excelerator to restart	Attempting to play a stream using Windows Media Player 9.x caused the system to restart.
297721	System not handling aborted connection requests	When a user requested authentication and then cancelled the request prior to completion of the authentication process, the system was restarting.
298169	Selective purge fails	Purging using a .NAS file was failing if any DNS names were in upper case.
298380	Reverse accelerator vending wrong data	When multiple reverse accelerators were defined, they would occasionally vend each other's data.
298381	DNS ping shows false for UDP	When pinging a DNS server, the listener returned false for UDP regardless of the actual server response.

Defect #	Summary	Issue Addressed
298382	Selective purge completion time	Selective purges were taking a long time to complete.
298383	Purge URL not working	URLs that didn't contain wildcards were not working in selective purge requests.
298632	MMS requests monopolizing CPU cycles	Processing the ASF file header was causing an infinite loop.
298952	Backup and uninstall feature not working	The backup and uninstall feature in the Upgrade panel has been removed. If an upgrade fails, you can restore from the clone image.
300482	NTLM Authentication failing	NTLM authentication with POST was not reading the POST data.
300635	Fill requests try to continue after the connection terminates	The system was attempting to fill data after the connection to the origin Web server had been terminated.
300663	Access Control List with extended characters	Access control list couldn't be initialized when a list member contained extended characters. As a result, access control stopped working.
303123	Real proxy code was causing restarts	The Real Proxy code was causing the system to restart. The system has been updated with the 8.02 version of Real Proxy.
303283	Admin ACL inconsistencies	The system now limits the number of client IP addresses in an Access Control List to eight, in both the Web management interface and the CLI.
310810	Low stream rate causes restart	Trying to stream at a rate less than 1,000 bits per second caused the system to restart.
311048	Tunnel setting being lost in GUI	After rebooting, the Act As Tunnel setting in the Web Server Accelerator tab was being lost. Tunneling was unaffected.

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Major Issues Addressed in Excelerator 2.2 Service Pack 1

Service Pack 2 was built on the Service Pack 1 release of Excelerator 2.2.

Table 2 summarizes the main issues that were addressed in Service Pack 1 (PR1).

Table 2

Defect #	Summary	Issue Addressed
275329	IP Access Control Block (Japanese Only)	IP Access Control Block settings were being interpreted as Allow.
294419	FTP Request Failure with IE	Internet Explorer requests to an FTP site through an FTP forward proxy service with authentication enabled would fail.
294697	QuickTime Statistics	The Bytes Filled statistics for QuickTime content were incorrect.
294716	HTTP Version in Common Log Entries.	The HTTP version number wasn't being recorded in common log entries.
294737	MMS Stream Fill Recovery	Connection recovery mechanism for MMS stream filling was not robust enough.
294765	Requests to IP Address 0	System was attempting to fill requests to IP address 0. System now returns an error.
294770	ASF File Failure	ASF files containing more than nine streams were failing.

Defect #	Summary	Issue Addressed
294781	Trap Involving Cache Freshness	Trap discovered in Volera System Test when the expiration time is prior to the last validate time. This condition is now handled as though the system received a Max-Age:0 header.
294785	Request URLs with No Paths	Content Controller Agent required that request URLs contained paths. For example, a request containing the URL http://calendar.msn.com?local=2072 was not being filled.
294822	RTSP Trap	Trap discovered in RTSP service.
294841	Memory Leak	Fixed a memory leak in the VCDN job status handler.
294850	System Reboot with WebSense	Occasional system reboots occurred when WebSense was enabled.
294883	CCA Memory Leak	Fixed a memory leak in the Content Controller Agent
294908	Incorrect Redirect	The system was attempting to incorrectly redirect a CONNECT request.
294914	Object Validation	Objects with timestamps in the future would never revalidate.
294924	Random Authentication Errors	Random authentication errors occurred.
295047	Access Control with Multi-homing	Access control wasn't working with multi-homing.
295058	System Reboot with ICP	Occasional system reboots occurred when the system was configured as an ICP server.
295094	Unexpected Reboot with Secure Excelerators	Attempting to change the configuration on a machine with more than 100 Secure Excelerators caused the system to unexpectedly reboot.
295112	Filter Overrides	Filter Overrides containing host names were no longer being applied to requests containing the corresponding IP addresses.
295124	MMS Port Overrides	MMS download requests containing port overrides (for example, mms://hostname:1999/filename) were failing.
295127	CPU Utilization with Log Files	CPU utilization went up when the log volume filled.

Defect #	Summary	Issue Addressed
295193	LDAP Authentication	The system was incorrectly retrying to authenticate to an LDAP connection after the connection had been terminated.
295197	Download Timezone (Japanese Only)	When a download was scheduled, the timezone was always set to GMT.
295198	Labels on Download Dialog Box (Japanese Only)	Added labels to Download One Time Only settings.
295232	Underscores in DNS Names	Underscores are not supposed to be used in DNS names, but they are. The system was rejecting them in compliance with the industry standard. Underscores are now accepted in DNS names.
295263	Floppy Polling	Changing the floppy polling interval resulted in the CLI and GUI not being available until the new interval had passed.
295442	Invalid Loop	The system unexpectedly rebooted due to an invalid loop in the abort-connection-request routine.
295463	Authentication Timeout	Authentication time-out settings couldn't be specified in hours.
295514	Unexpected Reboot	Unexpected reboot with "PackDFs\$CacheObject" in the Abend Error Log.
295591	Unexpected Reboot	The system unexpectedly rebooted when there was no data with a GET request.
295599	Redirect Response Failure	Redirect responses with Content-Length headers greater than zero and no content were failing through forward proxy services.
295625	FTP Proxy Data Port	The FTP proxy was not using the correct data port.
295736	Filter Log Rollover	Filter logs were not rolling over at the specified intervals.
295921	DNS TTL Settings	The system was not obeying DNS TTL settings for origin server addresses that it was accelerating.
296028	Unexpected Reboot	Unexpected reboot with "InternalConsistencyError allocate\$DataBuffer (cannot return a buffer)" in the Abend Error Log.
296104	Authentication	Images didn't display on authentication pages.

Defect #	Summary	Issue Addressed
296129	Content-Length Headers	The system was ignoring Content-Length headers with trailing spaces.
296154	Authentication Problems	Authentication problems due to memory overwrite.
296174	Filter Override List	The filter override list was not being loaded when the system started up.
296193	X-Stop	X-Stop did not filter correctly after the system was restarted.
296194	Unexpected Rebooting	The system could unexpectedly reboot when receiving configuration changes from System Controller.
296450	N2H2	Fully qualified URLs in the N2H2 list were not being blocked as specified.
296490	Mini-FTP Connections	Some Mini-FTP connections were not being properly terminated.
296491	Unexpected Reboot	Unexpected Reboot caused by JSOCK5X.NLM.
301530	Instant Messenger Support	AOL and Yahoo instant messengers were not working when configured to go through a proxy.

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Installing Service Pack 2

Use the information in this section to install service pack 2.

Excelerator 2.2 Is Required

If you are running a previous version of Excelerator (or Novell ICS), you must upgrade to Excelerator 2.2 prior to installing service pack 2. See the [Volera Support Web site \(http://www.volera.com/support/patches\)](http://www.volera.com/support/patches) for upgrade information.

Update Clones Option Both Before and After Installing

We strongly recommend that you update the clone image both before and after installing service pack 2. You should wait to update the clone image after installing the service pack until you are sure the appliance is behaving as expected.

To update the clone image, click System > Actions > Update Clones in the browser-based management tool.

After the upgrade, if you are unhappy with results for any reason, you can revert back to the previous system image.

To restore a clone image, click System > Actions > Restore from Clones in the browser-based management tool.

After you have verified the upgrade is performing as expected, you should then update the clone image to the upgraded version.

Installing from the Service Pack 2 CD

- 1 Place the Service Pack 2 CD in your workstation's CD drive > browse to the OTWUG directory > note the name of the .TXT file in the directory.

NOTE: Unlike Excelerator system CDs, service pack CDs will not reimage the hard drive if you happen to restart the workstation with the CD still in the drive.

- 2 Insert the Service Pack 2 CD in the cache device's CD drive.
- 3 Start the browser-based management tool.
- 4 In the browser-based management tool, click System > Upgrade.
- 5 Check Enable Download.
- 6 In the Install from URL field, type:

```
file:///DOC_CD:OTWUG/filename.txt
```

where filename is the name of the text file noted in **Step 1**.

- 7 Click the Download Time drop-down list > select the time you want the download to occur > check Enable Install.
- 8 Click the Install Time drop-down list > select the time you want the upgrade to be installed.
- 9 Click Apply.

The installation process always restarts the cache device, temporarily disconnecting the browser-based management tool.

Installing from the Web

- 1 Log into access.volera.com using your userid and password.
For more information, contact Volera Support.
- 2 Browse to Downloads > Software Updates > Volera Excelerator.
- 3 Note the download URL for the service pack 2 release.
- 4 Start the browser-based management tool.
- 5 If you have enabled IP access control, you must temporarily disable the feature before installing from the Web.
- 6 If filtering services on the device are set to block unrated content, you must temporarily change these settings while completing the installation.

- 7** In the browser-based management tool, click System > Upgrade.
- 8** Check Enable Download.
- 9** In the Install from URL field, type the download URL noted in **Step 3**.
- 10** Click the Download Time drop-down list > select the time you want the download to occur > check Enable Install.
- 11** Click the Install Time drop-down list > select the time you want the upgrade to be installed.
- 12** Click Apply.

The installation process always restarts the cache device, temporarily disconnecting the browser-based management tool.

