

Novell Volera Excelerator

2.3

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SERVICE PACK 1 RELEASE NOTES



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Volera Excelerator 2.3 SP 1 Release Notes

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Online Documentation: To access the online documentation for this and other Volera products, and to get updates, see www.novell.com.

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About Service Pack 1

The information in these release notes applies only to Excelerator 2.3 Service Pack 1.

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About Excelerator 2.3 Service Pack 1

Major Issues Addressed

The following table summarizes the main issues that are addressed in Service Pack 1:

Table 1 Service Pack 1 Issues

Defect #	Summary	Issue Addressed
295163	DNS settings not updated	Addressed issue where resolv.cfg was not consistently updated with DNS settings.
301487	GUI / CLI inconsistencies	The CLI allowed using supernetted addresses.
305592	No CLI after reboot	On boot up if the search through /etc/tcpip.cfg did not find the specific option it was looking for, the search would throw an exception and the CLI would not start.
305886	Annotator doesn't support bind user authentication profiles	When a bind user is configured with an LDAP profile, the Annotator couldn't log into the LDAP server. Authentication failed.
306375	Web server was violating HTTP specification	The IBM_HTTP_Server/1.3.12.6 Apache/1.3.12 (Unix) violates the HTTP specification in two ways. First, it sends back an HTTP/1.1 reply to an HTTP/1.0 request. Second, it sends back a Trailer header for a non-chunked reply. Excelerator now supports this server.
306792	NTLM timeout	The timeout for volauth.exe has been increased from one second to three seconds.
306875	Search fails when browsing LDAP servers without specifying context	The Annotator did not allow browsing LDAP objects located below the root of a given tree. Most LDAP servers do not allow the creation of group or user objects at the root. If context was empty, Excelerator returned an error. An empty context is now allowed in an LDAP search.
307687	Localized filtering proxy error messages	The internationalization data structures in proxy had to be exported so acfilter.nlm could access it. Hard coded messages were converted to use the localization data.
307926	Modified site download code to use URL marker data	Fixed the code to handle the case where ReadAheadDownloadRequest is NULL.
308186	Administering a second Excelerator through a forward proxy	When users attempted to administer a second Excelerator through a forward proxy, the first Excelerator would restart.
308286	Debug trap	NDS authentication caused a memory leak. The system would eventually restart.

Defect #	Summary	Issue Addressed
308490	Filtering causes restart	Filtering caused a memory overrun. The system would restart.
308689	Importing NAS file with large number of filtering overrides	Importing a NAS file with a large number of filtering overrides caused the Excelerator to restart.
309171	Debug trap when shutting down	The system was overwriting memory because it has miscalculated where to place the null terminator. It was also failing to free memory that it allocated.
329388	Excelerator with Websense stops passing traffic	If the Websense server went down, Excelerator did not re-connect and pass traffic when the server restarted.
309581	Abend when trying to import trusted root file into Secure Excelerator	The code assumed that the entry was in the format sys:/filename. This caused the abend.
309856	Sun JVM support	The GUI did not support the Sun JVM.
334339	Enabling IP ACL on Excelerator disables monitoring in System Controller	The System Controller agent could not post data to the System controller when there was a global ACL policy defined.
338199	LDAP Authentication	LDAP authentication did not work with HTTPS Web sites.
341972	WCCP causing browser disconnect	Joining a WCCP Service Group disconnected any browser sessions./
345209	Subnet code was adding additional IP addresses to the search tree for partially filled bytes	This allowed the class E subnets to work but also caused 10.3.0.0 to include the subnet 10.4.0.0. Only class A, B, C, and D subnets are supported.
345359	400 Bad Request	A corrupt eTag caused a 400 Bad Request.

Enhanced Functionality

By default, Excelerator does not check whether objects in cache have been modified when processing Site Download and Pin lists.

After installing Service Pack 1, you can configure the system to use If-Modified-Since requests in these cases.

For more information, see [TID10086979 on the Novell Support Site \(http://support.novell.com/cgi-bin/search/searchtid.cgi?/10086979.htm\)](http://support.novell.com/cgi-bin/search/searchtid.cgi?/10086979.htm).

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Installing Service Pack 1

Use the information in this section to install service pack 1.

Excelerator 2.3 Is Required

If you are running a previous version of Excelerator (or Novell ICS), you must upgrade to Excelerator 2.3. For more information, see the [Volera product Web pages on Novell's support site \(http://support.novell.com/volera\)](http://support.novell.com/volera).

Update Clones Option Both Before and After Installing

We strongly recommend that you update the clone image both before and after installing service pack 1. 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 Web

- 1** Start the browser-based management tool.
- 2** If you have enabled IP access control, you must temporarily disable the feature before installing from the Web.
- 3** If filtering services on the device are set to block unrated content, you must temporarily change these settings while completing the installation.
- 4** In the browser-based management tool, click System > Upgrade.
- 5** Check Enable Download.
- 6** In the Install from URL field, type in the download URL, which is http://support.novell.com/volera/patches/xlr_2.3/23018.txt.
- 7** Check Enable Install.
- 8** Click Apply.

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