

IBM Flash Management Console 3.9.0



# Release Notes

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## Change Log














This section describes several changes from the previous release of IBM Flash Management Console 3.7.0 version.

Platform	Issue
	Changes have been made to allow Caching Management using ioMemory PX600 and SX300 devices.
	IBM Flash Management Console includes new licensing for use with caching software, including evaluation license handling.
	Issue with Traps received by SIM 7.3 showing as unregistered traps has been resolved.
	Discrepancies over UI showing that VMs are not configured for caching or caching status have been resolved.
	An issue resulting in a large number of "ERROR cluster_hnd_gen - Failed to clear cache for handle" errors has been resolved.
	SNMP polling was adversely affecting CPU usage when a large number of devices was used.
	(dup) enhancements have been made to provide more detail on uber_monitor error messages.
	An issue was resolved to display the proper capacity utilization values when using custom values.
	Improvements have been made on the default cache grid.
	The issue that occurred when closing the fio-agent caused session limits to be reached, rejecting fio-agent connections, has been resolved.
	The issue of Linux VMs having guest-based caching enabled showing a status of "No Caching" has been resolved.
	The issue of low-level formatting requiring to be done within the vSphere client has been resolved.
	Live Graphs will now work with the installation of the host software.

## Known Issues

This section describes several issues you may encounter when using the IBM Flash Management Console 3.9.0 release.

Platform	Issue
	Attempting to run ioSphere in multiple browsers on the same host may cause unstable behavior in ioSphere.
	In vSphere client and in Internet Explorer (configured for IE7 compatibility mode) clicking/moving the slider bar several times within the "Write Performance vs. Capacity" widget in the reformat dialog will cause the widget to disappear. Close the dialog and reopen it when this happens to reset the view.
	With a very large vCenter installation, some attempts to manage caching will fail due to a scalability issue. If you are affected by these issues, manage caching using command line tools as documented in the CLI guides.
	Making changes to plugin registration requires a restart of vSphere client. With the Windows client, simply restart the application on your host. The vSphere web client runs as a web service on your VMware vCenter server. Restart the vSphere web client by opening a <b>root</b> ssh window and enter <b>service vsphere-client restart</b> from the command line.
	Note that the offload rate bar value may not be accurate.
	If the <b>Manage Caching</b> link is not functioning correctly, refresh the page in your browser.
	Proper communication between VM in guest caching mode and ioSphere requires that the VM have a valid IP address assigned to it. Networking should be configured properly on the VM.
	When performing the Attach operation, an error message may indicate "Device not found".However, the Attach operation has been successfully completed.
	Do not detach a cache device. If you must detach the device, deselect it as a caching device, then detach it.
	When formatting a device to factory capacity, the interface indicates that the attach operation is at 10%. The display is incorrect. The attach operation actually does complete, but the task status does not indicate so.
	When switching a VM from guest-based caching to no caching, the cache status will continue to reflect guest-based caching in the VM grid (at the bottom of the host page) until the VM has been rebooted manually.

Platform	Issue
	The Caching Status displayed on the Configuration Host page may display a different status than the same cache on the Cache grid.
	If you reset stats via CLI, the graphs may show negative numbers for Average IOPS. These values are incorrect.
	Guest Based Caching Linux Enabled on VM with Paravirtual SCSI controller causes a failure to assign capacity share to the VM. To resolve this, please replace the virtual ada.
	Certain errors in the management logs are expected and normal during host install when the CIM provider is installed but not fully initialized, or during a reboot of a host when the connection to the CIM_provider is lost. For more information, refer to the Support Knowledge Base article.
	On the Remote Access page, if user selects a host name that is different from current hostname, vCenter registration will not be updated. To avoid this, un-register the plug-in, change the host name, then re-register the plug-in.
	VMware may occasionally create an issue when attaching or detaching a device that causes system failures. You may be able to resolve this through the CLI, which bypasses the VMware issue.
	Anytime you need to restart the <b>fio-msrv</b> process, you may need to run the command twice.
	Volumes may still be visible in IBM Flash Management Console after deleting them from the Windows disk manager.
	If you manually remove software from a host, that removal may not be reflected in the UI.
	While viewing the <b>Configuration</b> tab, if a Warning or Error link in the <b>Status</b> column of the table is clicked, Navigation proceeds to the <b>Alerts</b> tab. If the <b>Alerts</b> button is clicked at this point, the <b>Alert</b> table is replaced by a <b>Configuration</b> table.
	ioSphere does not load in IE10 when remote access is enabled.
	The PCI address may not display correctly in the Info tab.
	<b>--list</b> and <b>--directory</b> do not work when used together with <b>fio-remote-update.py</b> . To change the directory and then list the available files in the directory, run fio-remote-update.py first with <b>--directory</b> , then with <b>--list</b> .

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