

The logo for ioSphere, featuring the word "ioSphere" in a white, sans-serif font with a registered trademark symbol. The background is a blue gradient with abstract, geometric shapes and lines.

# ioSphere Management Solution 3.7.0

Release Notes

January 29, 2014



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# Change Log











This section describes several changes from the previous release of ioSphere Management Solution 3.6.2 version.

Platform	Issue
	The ioSphere Management Solution plugin now displays in the vSphere Web Client.
	ioSphere Management Solution now supports ESXi5.5.
	Using \$ for the first character of a password was not supported in previous software versions, and caused system errors. This has been fixed for 3.7.0.
	The issue of user created alerts showing up in the ioMemory alert grid has been resolved.
	Login issues occurring if the vCenter Plug-in fails or is rebooted have been fixed.
	The issue of events logged upon installation of the SMIS provider without installing VSL has been fixed.













# Known Issues

This section describes several issues you may encounter when using the ioSphere Management Solution 3.7.0 release.

Platform	Issue
	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.
	The Caching Status displayed on the Configuration Host page may display a different status than the same cache on the Cache grid.
	Some Linux VMs that have guest-based caching enabled (and caching shares assigned to the VM) may show a Status of "No Caching" in the management server user interface. If you have a Linux VM that exhibits this behavior, reboot the VM.
	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.
	When low-level formatting an ioMemory device for use as a cache device in the plugin, please note that the format operation and manage caching operations must be done within the vSphere client. The browser does not provide the correct credentials to the vCenter server to perform the required HBA rescan operation that happens as a matter of course after an ioMemory attach operation in ESX systems. This will appear to make the entire format operation fail. In fact, the detach, format, and attach operations succeeded but vCenter will require a manual rescan of host bus adapters on the ESX host in order for



Platform	Issue
	ioSphere to show the newly attached ioMemory device in the list of cache devices in the manage caching dialog. Operations in the manage caching dialog will not work correctly from the browser for similar reasons. These operations must be done from an authenticated vSphere client session through the ioSphere plugin tab on the target ESX host. Finally, if you are formatting from within the vSphere client, please expect the newly formatted device to take up to a minute to show up in the manage caching dialog after the format completes.
	Live Graphs will not work without the installation of the host software. If Live Graphs are not functioning, verify that your host software is installed.
	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 <code>fio-msrv</code> process, you may need to run the command twice.
	Volumes may still be visible in ioSphere Management Solution 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.
	<code>--list</code> and <code>--directory</code> do not work when used together with <code>fio-remote-update.py</code> . To change the directory and then list the available files in the directory, run <code>fio-remote-update.py</code> first with <code>--directory</code> , then with <code>--list</code> .



## Download Location

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Fusion-io drivers, utilities, and related documentation can be found at:

<http://support.fusionio.com>



# Fusion Powered Support

We offer Fusion Customer Services and Support by phone, e-mail and on the Web. For the most up-to-date contact information, visit: <http://support.fusionio.com>

## E-Mail

Our support e-mail address is: [support@fusionio.com](mailto:support@fusionio.com)

E-mail is the fastest way to get simple questions answered. Please give a detailed description of your problem with your complete contact information (name, phone number, e-mail address, location address).

## Warranty Support

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### ioFX Support

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## Web

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