

# PlateSpin Forge 11.0 Release Notes

August 15, 2014



Version 11.0, a hardware and software release of PlateSpin Forge, provides new features, enhancements, and bug fixes.

For Release Notes documents that accompanied previous Forge releases, visit the [PlateSpin Forge 11 Documentation Web Site](#) and go to *Previous Releases* in the *Table of Contents* at the bottom of the main page.

- ♦ [Section 1, "About This Release," on page 1](#)
- ♦ [Section 2, "Bug Fixes," on page 2](#)
- ♦ [Section 3, "Known Issues," on page 3](#)
- ♦ [Section 4, "Contact Information," on page 4](#)
- ♦ [Section 5, "Legal Notice," on page 4](#)

## 1 About This Release

- ♦ [Section 1.1, "New Features," on page 1](#)

### 1.1 New Features

- ♦ A new Forge Management VM licensed on vSphere 5.5 and running the Windows 2012 R2 operating system, while utilizing the Microsoft SQL Server 2014.
- ♦ Support for Windows Server 2012, Windows Server 2012 R2, and Windows 8.1 workloads.
- ♦ Support for Windows 2008 R2 clusters.
- ♦ New PlateSpin Forge Appliance hardware:
  - ♦ PlateSpin Forge 710 (10-workload model)
  - ♦ PlateSpin Forge 725 (25-workload model)
  - ♦ PlateSpin Forge 740 (40-workload model),

Each hardware model features:

- ♦ dual 8-core CPUs
- ♦ 128 GB of RAM
- ♦ greater than 20 TB of RAID-protected usable storage for workload replication

You can add additional workload licenses (in increments of 5) to all PlateSpin Forge Series 700 models, with no upper limit.

## 2 Bug Fixes

This release addresses the following bugs:

- ♦ **857253 - No warning/info message given for 64-bit MSSQL server regarding shutting down SQL services.** The product failed to display a warning message to users to shut down a Windows 2003 workload running a 64-bit SQL Server when a file-based transfer was selected for the replication method. The product now properly detects the SQL Server version and prompts for shutting down related services or configuring services to stop appropriately.
- ♦ **862462 - Windows hostname fails to change when configured to do so at test failover.** The product formerly had a problem with changing the Windows hostname at Test Failover. Changes to the process for creating the configuration tasks lists have corrected the problem.
- ♦ **863853 - Non-translation in Ready for Failback Window.** Some strings in the Failback Window in localized versions of the product were appearing in English. The strings in question have now been properly localized.
- ♦ **869036 - The PlateSpin Server fails to install on Windows 2008 R2.** The product now uses the .NET 4 framework for installation launcher prerequisites. As a result, the server installation on Windows 2008 R2 is now successful.
- ♦ **873789 - When installing Forge on Windows 2012, the .NET framework is not correctly detected.** New changes for .NET detection have been added to the product so that no warnings come from the validator.
- ♦ **874359 - The `https://forgeVM_IP:8098` page needs to be merged into the Forge Appliance Configuration Console.** Formerly, there were some visual details on the `https://forgeVM_IP:8098` page of the PlateSpin Server that were redundant with the Forge Appliance Configuration Console. This :8098 page has now been rendered inaccessible.
- ♦ **874861 - Forge installation validator doesn't halt the install.** Formerly, the Forge installation would continue in spite of any error, and then report it in the installation log. Currently, the installation is halted after script failure and an error message is displayed on the terminal (ttyll: Ctrl+F11).
- ♦ **878344 - Forge Appliance Configuration Console triggered refresh container is failing or timing out.** Because OFX and PlateSpin Management Services were not updated with new user passwords, they were unable to start when using the Forge ACC to make changes to the Forge Host or Forge VM. These services were updated with the new passwords and now function correctly.
- ♦ **880179 - Add container failed.** After installing Forge 11 VM and changing the appropriate network information, the Container object in the Forge Web Client displayed an “Add failed” status. We added a starter license in the new Windows 2012 Forge Management VM, which corrected the problem.
- ♦ **880379 - Forge VM - VMware Tools - Out-of-date.** Upon startup of the Forge 11 VM and inspecting the summary tab of the VM in the vSphere Client, the VMware tools status showed as “out of date.” New VMware tools have been added to this release.
- ♦ **880616 - Appliance Version Missing in Forge user interface.** Formerly, if you selected **About** from the Forge menu, an *Appliance Version Unknown* message was displayed. Now, the appliance version 3 is registered and correlated with ESXi version 5.5 and is displayed as such in the interface.
- ♦ **880841 - Container IP address and name doesn't get updated in Forge user interface.** After changing ESXi host IP address to an IP address already in use, the container IP address and name were not being updated in the Forge UI. Now, assuming that the **Confirm Changes** option is selected, Forge detects the problem and rolls back changes.

- ♦ **881197 - Unable to manage target VM settings with VIC; target created as VM version 10.** The version for the target VM for failover was being incorrectly set. We added a config setting to control the maximum allowed hardware version when creating the failover VM. It now defaults the created target VM as version vmx-09.

### 3 Known Issues

- ♦ **No software RAID support for Linux workloads:** PlateSpin Forge does not support Linux workloads with volumes on software RAID.
- ♦ **Support for the GUID Partition Table (GPT) standard:** PlateSpin Forge supports the protection of workloads that use the GPT disk partition layout standard. However, targets are always configured to boot from BIOS using an MBR (Master Boot Record). This limitation has the following implications:
  - **Max 2 TB per volume:** The maximum size of a protected workload's volumes is restricted to 2.19 terabytes, the maximum for a partition allowed by MBR.
  - **Physical targets for failback must boot from BIOS:** Most hardware vendors provide support for multiple disk partitioning standards; for information on how to configure a physical target to boot from BIOS, or to reconfigure GPT hardware to operate in "legacy mode" (with support for BIOS), see your hardware vendor documentation.

See also [KB Article 7005452](#).

- ♦ **558937 - Failure of block-level replications that use VSS (Windows):** If you are using third-party VSS-based backup software, block-level replications might occasionally fail.  
Workaround: Use blackout windows (see "[Protection Tiers](#)" in your *User Guide*).
- ♦ **581860 - Browser exception in the Chinese edition of the product:** Attempting to connect to the PlateSpin Forge Server with a browser that does not have a specific version of Chinese added might result in Web server errors. For correct operation, use your browser's configuration settings to add a specific Chinese language (for example, Chinese [zh-cn] or Chinese [zh-tw]). Do not use the culture-neutral Chinese [zh] language.
- ♦ **590635 - Inconsistent failover results after upgrading:** Following an upgrade to PlateSpin Forge, a failover operation might fail to complete or might not apply the correct failover parameters, such as the proper hostname and workgroup settings.  
Workaround: Before performing a failover, run a replication.
- ♦ **595490 - Preserving boot partition on failback causes failback to stall:** In some failback scenarios, the system improperly allows you to preserve an active (or boot) partition on the target, preventing the target from booting properly. This issue is under investigation.  
Workaround: In Failback Details, do not opt to preserve any boot partitions on the target.
- ♦ **610918 - Unresponsive Expand and Collapse icons in integrated help:** On some systems with enhanced browser security settings (such as Internet Explorer 11 on Windows Server 2008), the Expand and Collapse icons (+ and -) in the Table of Contents might fail to work. To fix the issue, enable JavaScript in your browser:
  - ♦ **Chrome:** Click From the Chrome menu, select **Settings**, scroll to and select **Show advanced settings...**, select **Content Settings** > **Allow all sites to run JavaScript**.
  - ♦ **Internet Explorer:** Click **Tools** > **Internet Options** > **Security** tab > **Internet** zone > **Custom level**, then select the **Enable** option for the **Active Scripting** feature.
  - ♦ **Firefox:** Click **Tools** > **Options** > **Content** tab, then select the **Enable JavaScript** option.
- ♦ **611105 - Missing protection contracts after upgrade:** After upgrading your Forge appliance to version 3, protection contracts with workloads in a *Ready for Failback* or a *Ready for Reprotect* state might be missing from the user interface. This issue is under consideration for an upcoming fix.

- ♦ **655828 - Failure to mount NSS volumes:** Upon failover or test failover, NSS volumes with snapshots enabled are not automatically mounted as expected.  
See [KB Article 7008773](#).
- ♦ **686911 - Problems with file downloads from or uploads to datastore:** Under certain conditions, where the protection target is a VMware DRS Cluster, the system might fail to upload or download a file, such as a boot ISO image. This negatively impacts a protection contract.  
See [KB Article 7008408](#) and [KB Article 7008306](#).
- ♦ **698611 - Full cluster replication failure under certain circumstances:** If a Windows 2008 R2 Cluster protection contract is set up through the *sync to an existing VM* method, and if the active cluster node flips prior to the full replication, the full replication job fails.  
See [KB Article 7008771](#).
- ♦ **884401 - Windows 2012 R2 workload is created with a variant disk controller type:** Although Windows 2003/2008 target workloads created by PlateSpin Forge use the LSI Logic Parallel controller type (classified as “Best of Breed”), Windows 8.1 and Windows Server 2012 R2 workloads are created with the LSI Logic SAS controller type. This substitution is by design. VMware explains in its Knowledgebase ([http://kb.vmware.com/selfservice/microsites/search.do?language=en\\_US&cmd=displayKC&externalId=2059549](http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=2059549)) that, by default, these operating systems do not ship with the parallel driver. For this reason, Forge uses the SAS driver for these targets.
- ♦ **889815 - [Windows Cluster] Heartbeat network is not configured properly at Failover:** At Failover, the heartbeat NIC is not configured with its static address. As a result of this failure, the configuration process for that NIC fails and is set as DHCP instead.

This issue is currently being investigated.

*Workaround:* Manually configure the Heartbeat NIC with the correct static IP settings.

## 4 Contact Information

Our goal is to provide documentation that meets your needs. If you have suggestions for improvements, please email [Documentation-Feedback@netiq.com](mailto:Documentation-Feedback@netiq.com) (<mailto:Documentation-Feedback@netiq.com>). We value your input and look forward to hearing from you.

For detailed contact information, see the [Support Contact Information Web site](http://www.netiq.com/support/process.asp#phone) (<http://www.netiq.com/support/process.asp#phone>).

For general corporate and product information, see the [NetIQ Corporate Web site](http://www.netiq.com/) (<http://www.netiq.com/>).

For interactive conversations with your peers and NetIQ experts, become an active member of our [community](https://www.netiq.com/communities/) (<https://www.netiq.com/communities/>). The NetIQ online community provides product information, useful links to helpful resources, blogs, and social media channels.

## 5 Legal Notice

THIS DOCUMENT AND THE SOFTWARE DESCRIBED IN THIS DOCUMENT ARE FURNISHED UNDER AND ARE SUBJECT TO THE TERMS OF A LICENSE AGREEMENT OR A NON-DISCLOSURE AGREEMENT. EXCEPT AS EXPRESSLY SET FORTH IN SUCH LICENSE AGREEMENT OR NON-DISCLOSURE AGREEMENT, NETIQ CORPORATION PROVIDES THIS DOCUMENT AND THE SOFTWARE DESCRIBED IN THIS DOCUMENT "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR

PURPOSE. SOME STATES DO NOT ALLOW DISCLAIMERS OF EXPRESS OR IMPLIED WARRANTIES IN CERTAIN TRANSACTIONS; THEREFORE, THIS STATEMENT MAY NOT APPLY TO YOU.

For purposes of clarity, any module, adapter or other similar material ("Module") is licensed under the terms and conditions of the End User License Agreement for the applicable version of the NetIQ product or software to which it relates or interoperates with, and by accessing, copying or using a Module you agree to be bound by such terms. If you do not agree to the terms of the End User License Agreement you are not authorized to use, access or copy a Module and you must destroy all copies of the Module and contact NetIQ for further instructions.

This document and the software described in this document may not be lent, sold, or given away without the prior written permission of NetIQ Corporation, except as otherwise permitted by law. Except as expressly set forth in such license agreement or non-disclosure agreement, no part of this document or the software described in this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, or otherwise, without the prior written consent of NetIQ Corporation. Some companies, names, and data in this document are used for illustration purposes and may not represent real companies, individuals, or data.

This document could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein. These changes may be incorporated in new editions of this document. NetIQ Corporation may make improvements in or changes to the software described in this document at any time.

**U.S. Government Restricted Rights:** If the software and documentation are being acquired by or on behalf of the U.S. Government or by a U.S. Government prime contractor or subcontractor (at any tier), in accordance with 48 C.F.R. 227.7202-4 (for Department of Defense (DOD) acquisitions) and 48 C.F.R. 2.101 and 12.212 (for non-DOD acquisitions), the government's rights in the software and documentation, including its rights to use, modify, reproduce, release, perform, display or disclose the software or documentation, will be subject in all respects to the commercial license rights and restrictions provided in the license agreement.