

PlateSpin Migrate 12 Hotfix 1

October 2015



PlateSpin Migrate 12 Hotfix 1 resolves specific previous issues. This hotfix is a mandatory fix that you must apply on a base installation of PlateSpin Migrate 12. This document outlines why you should install this hotfix.

Many of these improvements were made in direct response to suggestions from our customers. We thank you for your time and valuable input. We hope you continue to help us ensure that our products meet all your needs. You can post feedback in the [PlateSpin Migrate forum](#) on NetIQ Communities, our online community that also includes product information, blogs, and links to helpful resources.

- ◆ [Section 1, "What's New?," on page 1](#)
- ◆ [Section 2, "System Requirements," on page 6](#)
- ◆ [Section 3, "Downloading the Hotfix," on page 6](#)
- ◆ [Section 4, "Applying the Hotfix," on page 6](#)
- ◆ [Section 5, "Known Issues," on page 7](#)
- ◆ [Section 6, "Contact Information," on page 8](#)
- ◆ [Section 7, "Legal Notice," on page 8](#)

1 What's New?

The following outline the key features and functions provided by this version, as well as issues resolved in this release:

- ◆ [Section 1.1, "Synchronizing Source Workloads and Targets Discovered Using PlateSpin Migrate Client with PlateSpin Migrate Web Interface," on page 1](#)
- ◆ [Section 1.2, "Mass Discovery of Source Workloads and Targets through the PlateSpin Migrate Command Line Interface," on page 2](#)
- ◆ [Section 1.3, "New LRD ISO," on page 3](#)
- ◆ [Section 1.4, "Enhancements and Software Fixes," on page 3](#)

1.1 Synchronizing Source Workloads and Targets Discovered Using PlateSpin Migrate Client with PlateSpin Migrate Web Interface

In PlateSpin Migrate 12, the source workloads and targets that you discover using the PlateSpin Migrate Client do not display in the PlateSpin Migrate Web Interface. PlateSpin Migrate 12 Hotfix1 provides a `SyncUI` utility that you can use to synchronize them. After the synchronization is complete, you can view the discovered workloads and targets in the Web Interface. By default, this utility is located at `..\PlateSpin Migrate Server\bin\SyncUI.exe`.

IMPORTANT

- ◆ Before you run this utility, you must ensure that no jobs are in progress.
 - ◆ To minimize disruptions to your migration efforts, run this utility only when you have many discovered resources to synchronize between the Client and the Web Interface.
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To synchronize the discovered source workloads and targets, do the following:

- 1 On the Migrate Server, change to the location where `SyncUI.exe` is located.
- 2 Run the following command:

```
SyncUI.exe [/help] | [/verbose] | [/exportPath] | [/clientUIImportExportExe /  
webUIImportExportExe]
```

where:

help: Displays help for the `SyncUI` utility.

verbose: Displays the verbose logging for the `SyncUI` utility.

exportPath: The full path to the folder to which you export the client discovery data, and from which you import the data to the Web Interface. The default path is `appdata%\PlateSpin\SyncUI`. However, you can specify a different path.

clientUIImportExportExe: The path to `PlateSpin.ImportExport.exe`, the Migrate Client Import and Export utility. Specify this option only if you chose a different installation location for the Migrate Server. Otherwise, the command uses the default path `C:\Program Files\PlateSpin Migrate Server\bin`.

webUIImportExportExe: The path to `ImportExport.exe`, the Web Interface Import and Export utility. Specify this option only if you chose a different installation location for the Migrate Server. Otherwise, the command uses the default path `c:\Program Files\PlateSpin Migrate Server\PlateSpin Forge\bin\ImportExport`.

NOTE: If the PlateSpin Migrate Client has discovered Hyper-V containers, these Hyper-V containers are also listed on the Web Interface after successful synchronization. The Web Interface does not support migration of workloads to Hyper-V containers, so you can ignore them. However, if you remove these containers from the Web Interface, they also get removed from the PlateSpin Migrate Client.

1.2 Mass Discovery of Source Workloads and Targets through the PlateSpin Migrate Command Line Interface

PlateSpin Migrate 12 Hotfix 1 enhances the command line interface (CLI) tool to provide an additional command named `massdiscover`. You can use this `massdiscover` command to perform mass discovery of source workloads and targets. The discovered workloads and targets are displayed both in the PlateSpin Migrate Client and the PlateSpin Migrate Web Interface. For information about the location of the command line interface tool and how to effectively use this tool, see the [Using the PlateSpin Migrate Command Line Interface](#) in the PlateSpin Migrate User Guide on the [PlateSpin Migrate 12 Documentation website](#).

NOTE: Mass discovery of Hyper-V and Image server using `massdiscover` command is not supported.

To mass discover workloads and targets, you must first list the workloads and targets that you want to discover in a CSV file. To create this CSV file, refer to the sample CSV file located at `\PlateSpin Migrate Client\CommandLine\Sample INI\MassDiscovery.csv`

To perform mass discovery:

- 1 Ensure that you have listed all the workloads and targets you want to discover in the `.csv` file.
- 2 In the command prompt, change to the location where the CLI tool is located and run the following command:

```
PlateSpin.Migrate.Console.exe massdiscover /file=CSV_file_pathname
```

replace `CSV_file_pathname` with the full pathname of the `.csv` file that you created. For

example: `C:\Users\username\Desktop\MyMassDiscovery.csv`

You can view the status of the discovery jobs in the PlateSpin Migrate Web Interface and the PlateSpin Migrate Client. After a Successful discovery, the discovered workloads and targets are listed both in the PlateSpin Migrate Client and the PlateSpin Migrate Web Interface.

1.3 New LRD ISO

PlateSpin Migrate 12 Hotfix 1 provides a new LRD ISO that lets you rebuild UEFI bootable ISO after you inject additional device drivers into the boot ISO Images. For more information, see [Injecting Additional Device Drivers into the Boot ISO Images](#) in the PlateSpin Migrate User Guide on the [PlateSpin Migrate 12 Documentation website](#).

1.4 Enhancements and Software Fixes

PlateSpin Migrate 12 Hotfix 1 includes software fixes that resolve the following issues.

- ◆ [Section 1.4.1, “Windows Server 2012 Driver Added to PlateSpin Database Displays Incorrect Operating System Type,” on page 4](#)
- ◆ [Section 1.4.2, “CLI Displays Error When The Source or Target Container Address In The INI File Is a Hostname,” on page 4](#)
- ◆ [Section 1.4.3, “Deleting Drivers from the PlateSpin Database Might Crash the PlateSpin Migrate Client,” on page 4](#)
- ◆ [Section 1.4.4, “Issues with Upgrading to Migrate 12 from Migrate 11.0 or Migrate 11.1 Setup Having Custom Networks,” on page 4](#)
- ◆ [Section 1.4.5, “Migration Job Fails on Migrating a Source Workload Belonging to a Domain As a Workgroup Target,” on page 4](#)
- ◆ [Section 1.4.6, “Workload Configured for Incremental Replication Displays Incorrect Status,” on page 4](#)
- ◆ [Section 1.4.7, “Non-Editable Options Becomes Editable After the Preparation of a Workload,” on page 5](#)
- ◆ [Section 1.4.8, “Performing Test Cutover of a Workload Results in a Run Cutover,” on page 5](#)
- ◆ [Section 1.4.9, “Unable to Perform Incremental Replication Using the PlateSpin Migrate Web Interface,” on page 5](#)
- ◆ [Section 1.4.10, “Unable to Edit the Value of the VirtualNetwork Setting for Conversion and Deploy Image Jobs,” on page 5](#)
- ◆ [Section 1.4.11, “Changes to the VM Memory in the Target Workload Settings and Target Workload Test Settings Is Not Effective,” on page 5](#)
- ◆ [Section 1.4.12, “Issues When Migrating Linux Workloads Having Three or More Disks,” on page 5](#)
- ◆ [Section 1.4.13, “Migrated Target Workloads Have Reduced RAM Size When Compared With the Source Workload RAM Size,” on page 6](#)

1.4.1 Windows Server 2012 Driver Added to PlateSpin Database Displays Incorrect Operating System Type

Issue: In the PlateSpin Client, the PlateSpin Driver Manager tool displays the wrong operating system type for the Windows Server 2012 drivers that you have added to the PlateSpin database. (Bug 948740)

Fix: The PlateSpin Client now displays the correct operating system type for Windows Server 2012 drivers.

1.4.2 CLI Displays Error When The Source or Target Container Address In The INI File Is a Hostname

Issue: If the source or target container address in the INI file is not a IP address, the command line interface displays an `Could not discover machine` error. (Bug 946885)

Fix: You can now specify the IP address, hostname, or FQDN name for the source and target container address in the INI file.

1.4.3 Deleting Drivers from the PlateSpin Database Might Crash the PlateSpin Migrate Client

Issue: If you use the PlateSpin Driver Manager tool to delete drivers from the database, the PlateSpin Migrate Client might crash. (Bug 945220)

Fix: You can now delete drivers from the database without crashing the client.

1.4.4 Issues with Upgrading to Migrate 12 from Migrate 11.0 or Migrate 11.1 Setup Having Custom Networks

If you choose to upgrade to Migrate 12 from a Migrate 11 or 11.1 setup that has one or more custom networks, the upgrade process displays errors and the discovered workloads and containers are not listed on the PlateSpin Migrate Web Interface after the upgrade. (Bug 944190)

Fix: Ignore the errors. PlateSpin Migrate 12 Hotfix 1 provides a `SyncUI.exe` file that you can run after a successful upgrade to synchronize the discovered source workloads and targets and display them in the PlateSpin Migrate Web Interface. For more information about how to synchronize the source workloads and targets, see [Section 1.1, "Synchronizing Source Workloads and Targets Discovered Using PlateSpin Migrate Client with PlateSpin Migrate Web Interface," on page 1.](#)

1.4.5 Migration Job Fails on Migrating a Source Workload Belonging to a Domain As a Workgroup Target

If you use the command line interface to migrate a source workload that belongs to a domain and you configure the target to join a workgroup, the migration job fails to start. (Bug 943186)

Fix: You can now successfully migrate a source workload belonging to a domain and configure the target to join a workgroup.

1.4.6 Workload Configured for Incremental Replication Displays Incorrect Status

If a workload that has already been replicated is rediscovered and you configure the workload for incremental replication on to the same target, the status of the workload on the Workloads page is incorrectly displayed as **Not Configured**. (Bug 942270)

Fix: The Workloads page now displays the correct status of a workload that is configured for incremental replication.

1.4.7 Non-Editable Options Becomes Editable After the Preparation of a Workload

After you prepare a workload, all the non-editable options such as **VM Display Name**, **VCPU**, and **Disk Path** in the Configure Migration page become editable. If you make any changes to these options and save, you will encounter errors. (Bug 941786)

Fix: The property of the non-editable options in the Configure Migration page no longer changes after you prepare a workload.

1.4.8 Performing Test Cutover of a Workload Results in a Run Cutover

If you chose to perform a Test Cutover on a workload with **Perform Incremental Replication** option selected, it resulted in a Run Cutover. (Bug 940244)

Fix: Performing Test Cutover of a workload with **Perform Incremental Replication** option selected no longer results in a Run Cutover.

1.4.9 Unable to Perform Incremental Replication Using the PlateSpin Migrate Web Interface

Using the PlateSpin Migrate Web Interface to perform incremental replication resulted in some errors. (Bug 940246)

Fix: You can now use the PlateSpin Migrate Web Interface to perform incremental replication.

1.4.10 Unable to Edit the Value of the VirtualNetwork Setting for Conversion and Deploy Image Jobs

For Conversion and Deploy Image jobs, if you edit the `.ini` file to specify a value for the **VirtualNetwork** setting, the specified value is not applied and the default value remains applicable. (Bug 942498)

Fix: The value you specify for the **VirtualNetwork** setting in `.ini` file is now applicable.

1.4.11 Changes to the VM Memory in the Target Workload Settings and Target Workload Test Settings Is Not Effective

If you use the PlateSpin Migrate Web Interface to configure the migration settings for a workload and specify a value for **VM Memory** in the Target Workload Settings and the Target Workload Test Setting sections, the specified value is not effective. However, the default source value continues to apply. (Bug 940013)

Fix: The value you specify for **VM Memory** in the Target Workload Settings and Target Workload Setting sections when configuration the migration settings is now effective.

1.4.12 Issues When Migrating Linux Workloads Having Three or More Disks

If you migrate a Linux workload having three or more disks, you might encounter issues with the replication of the disks on the target workloads. (Bug 940242)

Fix: The disks on the Linux workloads are now correctly replicated on the target workload.

1.4.13 Migrated Target Workloads Have Reduced RAM Size When Compared With the Source Workload RAM Size

When you migrate a Linux workload, the RAM size on the target workload is less when compared to the total RAM size installed on the source. This is because the size of the reserved RAM on the source workload was not included in calculating the total RAM size for the target workload. (Bug 939802)

Fix: On migrating a Linux workload, the target workload has the same size of RAM as on the source workload.

2 System Requirements

You must apply this hotfix on a base installation of PlateSpin Migrate 12. For information about PlateSpin Migrate 12, see the [PlateSpin Migrate 12 Release Notes](#) on the [PlateSpin Migrate 12 Documentation website](#).

3 Downloading the Hotfix

You can download the hotfix from [PlateSpin Migrate 12 HF1 download site](#).

4 Applying the Hotfix

To apply the hotfix on a computer that has both PlateSpin Migrate Server and PlateSpin Migrate Client installed:

Before you apply PlateSpin Migrate 12 Hotfix 1, you must plan downtime for the ongoing replications. For a problem-free process, apply the hotfix when all replications are paused and no jobs are running.

- 1 Save the `PlateSpin Migrate 12 HF1.exe` file on your PlateSpin Migrate Server computer.
- 2 In the PlateSpin Migrate Web Interface and PlateSpin Migrate Client, pause all replications. Allow incomplete jobs to finish, then ensure that no jobs are running.
- 3 (Conditional) If the PlateSpin Migrate Client is open, close it.
- 4 Run the downloaded hotfix executable and follow the instructions in the wizard to install the hotfix.
- 5 Resume replications paused in [Step 2](#).
- 6 Repeat [Step 1](#) through [Step 5](#) on each PlateSpin Migrate Server computer.

To apply the hotfix on a computer that has only the PlateSpin Migrate Client installed:

- 1 Save the `PackageInstall_RemoteClient_ClientOnly.zip` file on your PlateSpin Migrate Client computer.
- 2 Extract the downloaded `.zip` file to a temporary location.
- 3 Open a command prompt and change directory to the path where you extracted the `.zip` file.
- 4 Run the `PackageInstaller.exe` and follow the instructions in the wizard to install the hotfix.

5 Known Issues

NetIQ Corporation strives to ensure our products provide quality solutions for your enterprise software needs. The following issues are currently being researched. If you need further assistance with any issue, please contact [Technical Support \(http://www.netiq.com/support\)](http://www.netiq.com/support).

- ♦ [Section 5.1, “Help On Chinese Locales Displays in English Language,” on page 7](#)
- ♦ [Section 5.2, “Some of the PlateSpin Migrate Hotfix Content is Not Localized,” on page 7](#)
- ♦ [Section 5.3, “Discovering Objects Through Web Interface Might Fail With A Warning Message,” on page 7](#)
- ♦ [Section 5.4, “Migration and Server Sync Jobs Might Fail If the Distributed Resource Scheduler Is Enabled in vCenter Server,” on page 7](#)
- ♦ [Section 5.5, “Migrated Linux Targets Have Partitions Created As Separate Disks,” on page 8](#)
- ♦ [Section 5.6, “Incorrect Migration Status Displayed in The Command Details Tab,” on page 8](#)

5.1 Help On Chinese Locales Displays in English Language

On Chinese locales, help is displayed in the English language.

5.2 Some of the PlateSpin Migrate Hotfix Content is Not Localized

The following PlateSpin Migrate content are not localized and display in the English language irrespective of the locale you are using:

- ♦ The `Validation in Progress` message displayed when you start configuring a workload.
- ♦ The **Configure Migration** option in the Replication Type dialog that displays when configuring a workload.
- ♦ The Hotfix installer content.

5.3 Discovering Objects Through Web Interface Might Fail With A Warning Message

When you use the web interface to discover workloads and targets, the discovery might fail with a warning message.

To enable the web interface to successfully discover the workloads and targets, do the following:

- 1 On the Migrate server computer, open the registry editor.
- 2 Go to `HKLM\SOFTWARE\PlateSpin\OperationsFramework\Controller`.
- 3 Add a key named `HeartbeatStartupDelayInMS` of type `REG_SZ` and set its value to `15000`.
- 4 Restart the server computer.

5.4 Migration and Server Sync Jobs Might Fail If the Distributed Resource Scheduler Is Enabled in vCenter Server

If the Distributed Resource Scheduler (DRS) is enabled in a vCenter Server or at the cluster level, then the migration and server sync jobs might fail with some object reference errors.

Workaround: Disable DRS before migration and enable it only after the Migration is complete.

5.5 Migrated Linux Targets Have Partitions Created As Separate Disks

If you migrate a Linux workload having partitions, each partition is created as a separate disk on the migrated Linux target.

5.6 Incorrect Migration Status Displayed in The Command Details Tab

The migration status in the **Command Details** tab is incorrectly displayed in the following scenarios:

- ♦ If you choose to perform a run cutover after full replication, the status displays as **Running Cutover** throughout the migration cycle even when the full replication event has just started.
- ♦ If you choose to perform run cutover after an incremental replication, the status displays as **Running Cutover** throughout the migration cycle even when the incremental replication event has just started.
- ♦ If you choose to perform a test cutover after an incremental replication, the status displays as **Preparing For Test Cutover** throughout the migration cycle even when the incremental replication event has just started.

Workaround: Ignore the status because there is no functionality loss.

6 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>). We value your input and look forward to hearing from you.

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