

# PlateSpin Migrate 12.3 Release Notes

June 2019



PlateSpin Migrate 12.3 includes new features and enhancements and resolves several previous known issues.

The documentation for this product is available in HTML and PDF formats on the [PlateSpin Migrate 12.3 Documentation website \(https://www.netiq.com/documentation/platespin-migrate-12-3\)](https://www.netiq.com/documentation/platespin-migrate-12-3).

This product contains undocumented utilities that the Technical Support team might use to diagnose or correct problems.

- ♦ [Section 1, "Documentation Updates," on page 1](#)
- ♦ [Section 2, "What's New for Migrate Server in Azure Cloud," on page 2](#)
- ♦ [Section 3, "What's New for PlateSpin Migrate 12.3 Patch Update 1," on page 2](#)
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## 1 Documentation Updates

The following changes have been made to this document since the release of PlateSpin Migrate 12.3.

### 1.1 June 2019

Location	Change
<a href="#">Deprecated Functionality (page 6)</a>	PlateSpin Migrate discontinues support for migrations of workloads with multipath I/O (MPIO) enabled. We recommend that you perform migration with a single path, and then enable MPIO on the cutover workload.

## 1.2 January 2019

Location	Update
<a href="#">“After VMware Maintenance or Update, VMware Target No Longer Appear in the Web Interface and Its Associated Workloads Go into an Unsupported State” on page 8</a>	This known issue is new.

## 1.3 October 2018

Location	Change
<a href="#">Section 2, “What’s New for Migrate Server in Azure Cloud,” on page 2</a>	This section is new.
<a href="#">Section 7.3.1, “Preparing Test Cutover of a Windows Domain Controller Workload to AWS Stalls,” on page 7</a>	This known issue is new.

## 1.4 September 2018

Location	Change
<a href="#">Section 3, “What’s New for PlateSpin Migrate 12.3 Patch Update 1,” on page 2</a>	This section is new.
<a href="#">Section 4, “What’s New for PlateSpin Migrate Setup (Build 771),” on page 3</a>	This section is new.

# 2 What’s New for Migrate Server in Azure Cloud

PlateSpin Migrate 12.3 with Patch Update 1 (P1) applied is now available in Microsoft Azure Cloud.

# 3 What’s New for PlateSpin Migrate 12.3 Patch Update 1

PlateSpin Migrate 12.3 Patch Update 1 is mandatory fix that you must apply on a base installation of PlateSpin Migrate 12.3 Build 771 to resolve three known issues for PlateSpin Migrate 12.3. For more information, see the [PlateSpin Migrate 12.3 Patch Update 1 Release Notes](#).

## 4 What's New for PlateSpin Migrate Setup (Build 771)

A new PlateSpin Migrate 12.3 Setup file (Build 771, `PlateSpinMigrateSetup-12.3.0.771.exe`) is available on the [PlateSpin Migrate 12.3 Download site](#). This file replaces PlateSpin Migrate 12.3 Setup file (Build 687, `PlateSpinMigrateSetup-12.3.0.687.exe`).

The PlateSpin Migrate 12.3 Setup file (Build 771) resolves an issue discovered in PlateSpin Migrate Server (from Build 687) that prevented successful migrations to Amazon Web Services. Ensure that you use the replacement PlateSpin Migrate 12.3 Setup file (Build 771) for your PlateSpin Migrate Server installations.

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**IMPORTANT:** If you previously downloaded the PlateSpin Migrate 12.3 Setup file (Build 687) and are using Amazon Web Services as a target platform, you must download the replacement PlateSpin Migrate Setup file (Build 771) and use it instead to install PlateSpin Migrate Server.

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## 5 What's New

PlateSpin Migrate 12.3 includes several new features and enhancements.

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 \(https://forums.novell.com/forumdisplay.php/1337-Platespin-Migrate\)](https://forums.novell.com/forumdisplay.php/1337-Platespin-Migrate) on Micro Focus Forums, our online community that also includes product information, blogs, and links to helpful resources.

- ♦ [Section 5.1, “Automated Migrations to Amazon Web Services,” on page 3](#)
- ♦ [Section 5.2, “Automated Migrations to VMware Cloud on AWS,” on page 4](#)
- ♦ [Section 5.3, “Automated Cloud-to-Cloud Migrations,” on page 4](#)
- ♦ [Section 5.4, “VMware vCloud Director 9.1 Support,” on page 4](#)
- ♦ [Section 5.5, “VMware Cluster Support as a Cluster or as Hosts,” on page 4](#)
- ♦ [Section 5.6, “Enhanced MPIO Support,” on page 4](#)
- ♦ [Section 5.7, “Security Enhancements for TLS Protocols,” on page 4](#)
- ♦ [Section 5.8, “Enhancements for PlateSpin Configuration,” on page 5](#)
- ♦ [Section 5.9, “Supported Configurations,” on page 6](#)

### 5.1 Automated Migrations to Amazon Web Services

PlateSpin Migrate 12.3 enhances PlateSpin Migrate Web Interface to support automated migration of source workloads to Amazon Web Services (AWS).

For more information, see the following topics in the *User Guide*:

- ♦ [“Prerequisites for Migration to Amazon Web Services”](#)
- ♦ [“Migration to Amazon Web Services”](#)

## 5.2 Automated Migrations to VMware Cloud on AWS

PlateSpin Migrate 12.3 enhances PlateSpin Migrate Web Interface to support automated migration of source workloads to VMware Cloud (VMC) on Amazon Web Services. See [“Prerequisites for Migration to VMware Cloud on AWS”](#) in the *User Guide*.

You add a **VMware Cloud on AWS** target and the target is discovered and handled as a VMware DRS Cluster. See [“Target Discovery in the Web Interface”](#) in the *User Guide*.

## 5.3 Automated Cloud-to-Cloud Migrations

PlateSpin Migrate 12.3 adds support for the following cloud-to-cloud (C2C) migrations with no VPN required:

- ♦ From AWS to Azure
- ♦ From Azure to AWS
- ♦ From AWS to vCloud
- ♦ From vCloud to AWS
- ♦ From Azure to vCloud
- ♦ From vCloud to Azure

See [“Prerequisites for Cloud-to-Cloud Migrations”](#) in the *User Guide*.

## 5.4 VMware vCloud Director 9.1 Support

PlateSpin Migrate 12.3 adds support for migration to VMware vCloud Director 9.1.

## 5.5 VMware Cluster Support as a Cluster or as Hosts

PlateSpin Migrate 12.3 adds the ability in Migrate Web Interface to add a target VMware DRS Cluster as **VMware DRS Cluster** or as **VMware DRS Cluster as Hosts**. See [“Discovering Target Platforms”](#).

## 5.6 Enhanced MPIO Support

See [“Multipath I/O”](#) in the *User Guide*.

## 5.7 Security Enhancements for TLS Protocols

PlateSpin Migrate 12.3 server uses Transport Layer Security (TLS) 1.0, 1.1, or 1.2 protocol, depending on the protocols supported by and enabled on its host OS. See [“Configuring TLS Protocols for Migrate Hosts”](#) in the *Installation and Upgrade Guide*.

For remote database instances, the following additional requirements must be met:

- ♦ **Migrate Server:** Install Microsoft SQL Server Native Client on the host server before you install PlateSpin Migrate.
- ♦ **External SQL Server:** If TLS 1.0 is disabled on the PlateSpin Migrate Server host, then the remote database and the host on which the database resides must support TLS 1.2. See [TLS 1.2 Support for Microsoft SQL Server](https://support.microsoft.com/en-us/help/3135244/tls-1-2-support-for-microsoft-sql-server) (Microsoft KB Article 3135244) (<https://support.microsoft.com/en-us/help/3135244/tls-1-2-support-for-microsoft-sql-server>) in Microsoft Support.

For information about using TLS 1.2 for source workload connections with PlateSpin Migrate 12.3, see [“Configuring Source Workloads to Connect Using TLS 1.2”](#) in the *User Guide*.

## 5.8 Enhancements for PlateSpin Configuration

PlateSpin Migrate 12.3 adds the following PlateSpin Configuration parameters: See [Configuring Advanced PlateSpin Settings for AWS](#).

Parameter	Description
<code>AwsInstanceTypeForReplicationEnvironment</code>	<p>Specifies the AWS instance type to be used for the AWS PlateSpin Replication Environment VM. The default value is <code>t2.micro</code>.</p> <p>Set the value of this parameter to the AWS instance type you want to use for the Replication Environment VM.</p>
<code>AWSPriceListRegion</code>	<p>Specifies the AWS region whose AWS price list endpoint is used for discovering the AWS supported instance types. The default value is <code>us-east-1</code>.</p> <p>However, if the instance type that you want to use is not listed in the price list endpoint of the configured region, set the value of this parameter to the name of region that has a price list endpoint listing your desired instance type.</p>
<code>AWSEnableSourceCredentialsForLinuxWithKey pair</code>	<p>Sets whether you can use the source credentials to log in to an AWS Linux target instance or not. The default value is <b>False</b> because of which you can log in to the target instance only by using the key pair configured in the migration job.</p> <p>To enable logging into AWS Linux target instance either by using the key pair configured in the migration job or the source credentials, set the value of this parameter to <b>True</b>.</p>
<code>UseOnlyPublicIPForAWS</code>	<p>By default, PlateSpin Migrate Server is preconfigured to allow private IP addresses for communications during migrations to AWS. If the source workload cannot connect to the private IP address of the AWS target, then you require a public IP address for communications during migrations to AWS.</p> <p>To ensure that only public IP is used during migration, set the value of this parameter as <b>True</b>. Also, you must change the <b>SourceListensForConnection</b> parameter setting from <b>True</b> to <b>False</b> to enable the source workload to connect to the target workload.</p>
<code>PartitionAlignmentSizeInKB</code>	<p>Sets the disk alignment offset for workloads with MBR partitions. The value of this parameter is the number of kilobytes (KB) from the beginning of the disk to the closest alignment boundary. See <a href="#">“Disk Not Properly Aligned on the Target VM”</a> in the <i>User Guide</i>.</p>

Parameter	Description
VCloudAppTemplateName	<p>Specifies the name of the vApp template to be used for the Replication Environment during vCloud replications. By default, the value of this parameter is <b>PlateSpin Replication Environment</b>.</p> <p>If you edit the name of the vApp Template to which you upload the OVF PlateSpin package, then you must set the value of this parameter to the new name of the vApp Template.</p>

## 5.9 Supported Configurations

For detailed information and caveats about supported source workloads and target platforms for PlateSpin Migrate 12.3, see “[Supported Configurations](#)” in the *User Guide*.

## 6 Deprecated Functionality

PlateSpin Migrate 12.3 no longer supports the following:

- ◆ Semi-automated migration to your Amazon Web Services (AWS) environment by using the PlateSpin Migrate Client.

Configure workloads for automated migration to AWS by using Migrate Web Interface.

- ◆ Multipath I/O (MPIO) support

For migrations of workloads with multipath I/O (MPIO) enabled, we recommend that you perform migration with a single path, and then enable MPIO on the cutover workload.

## 7 Known Issues

Micro Focus 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 [Micro Focus Support and Services](http://www.microfocus.com/support-and-services) (<http://www.microfocus.com/support-and-services>).

For information about known issues in previous releases, see [Previous Releases](#).

- ◆ [Section 7.1, “Known Issues for Upgrade,” on page 6](#)
- ◆ [Section 7.2, “Known Issues for Migration to Azure,” on page 7](#)
- ◆ [Section 7.3, “Known Issues for Migration to AWS,” on page 7](#)
- ◆ [Section 7.4, “Known Issues for Migration to VMware,” on page 8](#)
- ◆ [Section 7.5, “General Issues,” on page 8](#)

### 7.1 Known Issues for Upgrade

#### 7.1.1 Information Is Missing for Workloads Registered with Migrate Agent After Upgrade or Any Export/Import Process

**Issue:** Information for workloads registered using Migrate Agent will be lost during the upgrade from version 12.2.2 to version 12.3, or after any export/import process using the `ImportExportAll.bat` utility running on version 12.2.2. (Bug 1089919)

**Workaround:** After the upgrade or export/import process is completed, you can re-register the workloads by using Migrate Agent.

## 7.2 Known Issues for Migration to Azure

### 7.2.1 Error When Preparing Replication Environment in Azure

**Issue:** When you prepare the replication environment in Azure, a 403 `Forbidden` error displays if the date and time on the Migrate server is not correctly configured. (Bug 1077308)

**Workaround:** Ensure that the date and time is correctly configured on the Migrate server and then prepare replication again.

## 7.3 Known Issues for Migration to AWS

### 7.3.1 Preparing Test Cutover of a Windows Domain Controller Workload to AWS Stalls

**Issue:** The test cutover of a Windows Domain Controller workload to AWS stalls with the following recoverable error: (Bug 1099182)

The Configuration service in the target machine does not seem to have started.

**Workaround:** None.

### 7.3.2 Migration of a Workload With Disks Having More Than 15 File System Volumes Fails

**Issue:** When you migrate a source workload with disks that have more than 15 file system volumes, the migration fails at the `Creating and Partitioning Volumes` step (Bug 1020176)

**Workaround:** None. AWS permits 15 volumes or less per disk. You can deselect volumes that will not be migrated to reduce the volume count for the disk to 15 or less.

### 7.3.3 Migration of a Windows Server 2008 R2 Workload to AWS Gets Stuck During Cutover If the Cloud Instance Size is Configured as i3.16xlarge

**Issue:** If you choose to migrate a Windows Server 2008 R2 workload to an AWS target and configure the migration job to use the `i3.16xlarge` cloud instance size, the migration job gets stuck at `AWS(PV)tools Installation step` (Bug 1095580)

**Workaround:** Configure the migration job to use a supported cloud instance size other than `i3.16xlarge`.

### 7.3.4 PlateSpin Migrate Client Incorrectly Lists the AWS Targets Discovered Using the PlateSpin Migrate Web Interface and Does Not Block Image Migrations to AWS

**Issue:** When you use the PlateSpin Migrate Client to capture or deploy an image, the Target panel incorrectly lists all the AWS targets discovered using the Web Interface. Even though, the PlateSpin Migrate Client does not support migration of Images to AWS cloud, the Client interface lets you select an AWS target to configure the image migration job. (Bug 1099822)

**Workaround:** PlateSpin Migrate Client does not support migration of any workload to AWS target. To deploy or capture the image, select a target platform that PlateSpin Migrate Client supports.

## 7.4 Known Issues for Migration to VMware

### 7.4.1 After VMware Maintenance or Update, VMware Target No Longer Appear in the Web Interface and Its Associated Workloads Go into an Unsupported State

**Issue:** If PlateSpin Migrate 12.3 refreshes a VMware target's information during a VMware maintenance window or update, the VMware target can disappear from the Migrate Web Interface and its associated workloads go into an unsupported state. (Bug 1117364)

**Workaround:** The latest patches for PlateSpin Migrate 12.3 ensure that the VMware target does not get removed if a target refresh occurs during VMware maintenance or update. After the maintenance or update completes, you must refresh the target in Migrate before you resume migrations. Ensure that you download and apply the latest patches to your Migrate server.

Before you perform maintenance or updates for the VMware environment, see [“Best Practices for Maintaining or Updating VMware Environments That Are Configured as Migration Targets”](#) in the *User Guide*.

If the VMware target does get removed, you must do one of the following:

- ♦ Restore your migration database by importing the database backup file that you exported before you began the VMware maintenance or update.
- OR-
- ♦ Re-add the VMware target, then re-create all contracts associated with that target.

## 7.5 General Issues

### 7.5.1 PlateSpin Migrate Client: Unable to Configure X2P Migrations for a Workload Discovered Using Migrate Agent

**Issue:** When you use PlateSpin Migrate Client to perform X2P Sync migration of a workload that is discovered using Migrate Agent, the PlateSpin Migrate Client interface displays an error and does not allow the migration to proceed. (Bug 1103168)

**Workaround:** Use the PlateSpin Migrate Client to discover the source workload and then migrate the workload. You can alternatively use a different replication method for the migration.

### 7.5.2 Target VM Name Includes the Under PlateSpin Control String Post Server Sync Operation

**Issue:** When you use the Migrate Client to perform Server Sync operation to synchronize the source changes to the target workload on a ESX server, the target VM name includes the `(under PlateSpin control)` string even after the Server Sync operation is successfully completed. (Bug 1102407)

**Workaround:** After the Server Sync operation is completed, manually edit the target VM name to remove the `(under PlateSpin control)` string.



### 7.5.3 [CLI] Execution of Commands Using the PlateSpin Migrate Client Interface Fails

**Issue:** Commands executed using the PlateSpin Migrate Client Command Line Interface fails with the error: `missing parameter value/address`.

This error occurs because the configuration file containing the Migrate server details cannot be read. (Bug 1086232)

**Workaround:** None.

### 7.5.4 [MPIO] X2P Migration of a Linux Source Workload Having LVM Partitions to a Linux Target Having Disks With Non-LVM Partitions Fails

**Issue:** When you use the X2P workflow to perform a full migration of a Linux workload that has LVM partitions to a Linux target that has disks with non-LVM partitions, the migration fails at `Creating and Partitioning Volumes` step. (Bug 1096119)

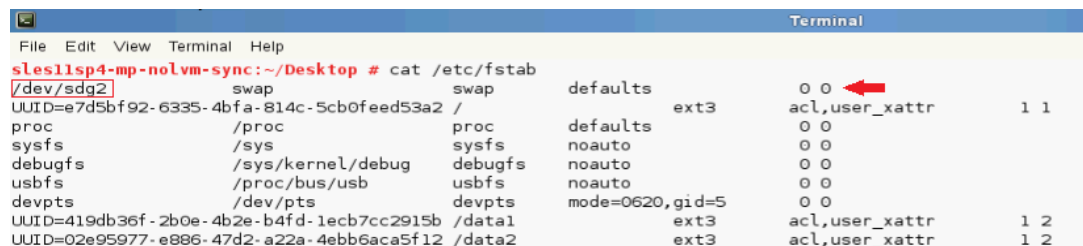
**Workaround:** Before you migrate the workload, you must manually remove the existing partitions on the target workload.

### 7.5.5 [MPIO] Swap Partition Is Not Properly Activated on the Target Machine for P2P Linux Migration Using Server Sync

**Issue:** For P2P migration of Linux workloads using Server Sync, the `/etc/fstab` file on the target machine uses the `/dev/sdx#` path to activate the swap partition instead of using a persistent device name. The swap partition is not properly activated on the target machine. (Bug 1096796)

**Workaround:** Modify the swap entry in the `/etc/fstab` file to use a persistent name for the device in the `/dev/disk/by-id` directory, which refers to the storage device by a unique identifier in the following format: `/dev/disk/by-id/scsi-<WWID>-part<partition number>`

- 1 Log in as the root user to the target Linux machine, then launch a command console.
- 2 Determine the WWID and partition number needed for the persistent device name:
  1. At the command prompt, enter `cat /etc/fstab` to view the device entries for the target machine
  2. View the current entry that activates the swap partition. Note the disk and partition number.In the following example output, the entry `/dev/sdg2` indicates the `sdg` disk and partition number 2.



```
File Edit View Terminal Help
sles11sp4-mp-nolvm-sync:~/Desktop # cat /etc/fstab
/dev/sdg2 swap swap defaults 0 0
UUID=e7d5bf92-6335-4bfa-814c-5cb0feed53a2 / ext3 acl,user_xattr 1 1
proc /proc proc defaults 0 0
sysfs /sys sysfs noauto 0 0
debugfs /sys/kernel/debug debugfs noauto 0 0
usbfs /proc/bus/usb usbfs noauto 0 0
devpts /dev/pts devpts mode=0620,gid=5 0 0
UUID=419db36f-2b0e-4b2e-b4fd-1ecb7cc2915b /data1 ext3 acl,user_xattr 1 2
UUID=02e95977-e886-47d2-a22a-4ebb6aca5f12 /data2 ext3 acl,user_xattr 1 2
```

3. At the command prompt, enter `multipath -l` to list the multipath devices.
- In the following example output, locate
- `sdg`
- , then note the WWID for its parent
- `mpathb`
- as
- `360002ac00000000000000004d00006312`
- .

```
Terminal
File Edit View Terminal Help
sles11sp4-mp-nolvm-sync:~/Desktop # multipath -l
Jul 10 14:37:21 | multipath.conf +3, invalid keyword: find_multipaths
mpathc (360002ac00000000000000004f00006312) dm-4 3PARdata,VV
size=25G features='0' hwhandler='0' wp=rw
+-+ policy='service-time 0' prio=0 status=active
|- 3:0:0:19 sdc 8:32 active undef running
|- 3:0:1:19 sdf 8:80 active undef running
|- 4:0:0:19 sdi 8:128 active undef running
|- 4:0:1:19 sdl 8:176 active undef running
mpathb (360002ac00000000000000004d00006312) dm-1 3PARdata,VV
size=40G features='0' hwhandler='0' wp=rw
+-+ policy='service-time 0' prio=0 status=active
|- 3:0:0:17 sda 8:0 active undef running
|- 3:0:1:17 sdd 8:48 active undef running
|- 4:0:0:17 sdg 8:96 active undef running
|- 4:0:1:17 sdj 8:144 active undef running
mpatha (360002ac00000000000000004e00006312) dm-0 3PARdata,VV
size=27G features='0' hwhandler='0' wp=rw
+-+ policy='service-time 0' prio=0 status=active
|- 3:0:0:18 sdb 8:16 active undef running
|- 3:0:1:18 sde 8:64 active undef running
|- 4:0:0:18 sdh 8:112 active undef running
|- 4:0:1:18 sdk 8:160 active undef running
```

4. Modify the path used for the swap partition in the `/etc/fstab` file.
  - a. Open the `/etc/fstab` file in a text editor.
  - b. In the entry for the swap partition, change the `/dev` path to the `/dev/disk/by-id` path in the following format:  
`/dev/disk/by-id/scsi-<WWID>-part<partition number>`  
For example, change `/dev/sdg2` to the following persistent name:  
`/dev/disk/by-id/scsi-360002ac00000000000000004d00006312-part2`
  - c. Save the modified `/etc/fstab` file.
5. Reboot the target machine.

## 8 Resolved Issues

The following is a list of issues that were resolved for this release:

- ◆ [Section 8.1, “Migration of a Windows Server 2003 Workload Might Get Stuck at Configuring Operating System Step,” on page 11](#)
- ◆ [Section 8.2, “After Uninstalling PlateSpin Server, the Reinstall Stalls at ‘Installing OFX: Enabling STOMP Protocol,’ on page 11](#)
- ◆ [Section 8.3, “File-Based Transfer Conversion Gets Stuck at Starting Virtual Machine for RHEL 6.3 UEFI Workloads,” on page 11](#)
- ◆ [Section 8.4, “No Network Connectivity on a Target VM That Is Shut Down Post Cutover to a VMware Cluster,” on page 11](#)
- ◆ [Section 8.5, “Conversion of Source Workload Having Volume Labels With Special Characters to AWS Fails,” on page 12](#)
- ◆ [Section 8.6, “Discovery Fails for Windows Workloads in AWS for Private IP Address or WMI Method,” on page 12](#)
- ◆ [Section 8.7, “Incremental Replication of a Linux Workload Having Multiple NICs to a VMware Cluster Target Gets Stuck During Copying Data Step,” on page 12](#)
- ◆ [Section 8.8, “Unable to Migrate a Linux Workload to a Hyper-V Target VM Using a Semi-automated \(X2P\) Migration If the Migration Job Has Compression Enabled,” on page 12](#)
- ◆ [Section 8.9, “Replication Cannot Complete If an Anti-Virus Update Is Pending a Restart on the Source,” on page 13](#)

- [Section 8.10, “Target Cloud Containers and Associated Workloads Are Not Imported,” on page 13](#)
- [Section 8.11, “OL 7.3 UEFI Running RHCK: Preparing Test Cutover Fails,” on page 13](#)

## 8.1 Migration of a Windows Server 2003 Workload Might Get Stuck at Configuring Operating System Step

**Issue:** When you migrate a Windows Server 2003 workload, the migration job might stall or go into a recoverable error at the `Configuring Operating System` step and restarting the target workload resumes the conversion. (Bug 1069833)

**Fix:** The migration job completes successfully without the need to restart the target workload.

## 8.2 After Uninstalling PlateSpin Server, the Reinstall Stalls at ‘Installing OFX: Enabling STOMP Protocol’

**Issue:** After an uninstall of PlateSpin Server, if you reinstall without rebooting, the installation might stall with the following message:

```
Status: Installing OFX
        Enabling STOMP protocol
```

The Migrate Event Messaging function uses RabbitMQ software, Erlang programming language, and STOMP. The uninstall removes the installed files, but does not automatically stop the related processes. If the processes are still running when you attempt to reinstall PlateSpin Server, the installation stalls. (Bug 999112)

**Fix:** After the uninstall of PlateSpin Server, the RabbitMQ services are automatically stopped and reinstalling PlateSpin Server no longer stalls.

## 8.3 File-Based Transfer Conversion Gets Stuck at Starting Virtual Machine for RHEL 6.3 UEFI Workloads

**Issue:** In the Migrate Client, file-based transfer conversions gets stuck at Starting Virtual Machine for RHEL 6.3 UEFI workloads. Diagnostics for the migration job shows the following error:

```
Configure Target Machine Running Controller > Starting Virtual Machine Running
Information:32:Task PowerOnVM_Task completed successfully
Information:32:ChangeVMState: failed to change state to poweredOn, current state
is poweredOff
```

This error has been observed only for RHEL 6.3 UEFI workload migrations using file-based data transfer. (Bug 1087728)

**Fix:** You can now use file-based transfer to migrate RHEL 6.3 UEFI workloads.

## 8.4 No Network Connectivity on a Target VM That Is Shut Down Post Cutover to a VMware Cluster

**Issue:** When you migrate a workload to a VMware Cluster with a migration job that is configured to shut down the target post cutover, the migration job shuts down the target after successful migration. However, the target VM does not have any network connectivity when it is powered on. (Bug 1089454)

**Fix:** The target VM is correctly mapped to a VMware network adapter and has network connectivity when it is powered on.

## 8.5 Conversion of Source Workload Having Volume Labels With Special Characters to AWS Fails

**Issue:** When you migrate a source workload that has volume labels with special characters to AWS target, the conversion fails. (Bug 1017270)

**Fix:** You can now migrate source workloads having special characters in its volume labels to AWS target.

## 8.6 Discovery Fails for Windows Workloads in AWS for Private IP Address or WMI Method

**Issue:** Discovery of a Windows workload in AWS fails if you use a private IP address or if you use the WMI discovery method. Possible error messages include:

```
Cannot connect to named pipe
```

```
Workload authentication failed
```

```
(Bug 1012001)
```

**Fix:** You can now use the workload's private IP address or the WMI discovery method for discovering Windows workloads in AWS.

## 8.7 Incremental Replication of a Linux Workload Having Multiple NICs to a VMware Cluster Target Gets Stuck During Copying Data Step

**Issue:** If you choose to perform incremental replication of a Linux Workload that has multiple NICs to a VMware Cluster target and configure the **Replication Networks for Source** setting of the migration job to use only one NIC on the source workload for replication traffic, the job gets stuck at **Copy Data** step. (Bug 1089593)

**Fix:** The incremental replication now completes successfully even when a IP address is pinned for replication.

## 8.8 Unable to Migrate a Linux Workload to a Hyper-V Target VM Using a Semi-automated (X2P) Migration If the Migration Job Has Compression Enabled

**Issue:** When you use the semi-automated (X2P) workflow to migrate a Linux workload to a Hyper-V target VM, the migration job fails with the following error if the job network configuration has the **Enable Compression** option selected to allow compression of data during data transfer. (Bug 1089276)

```
Message Exception happened in Compressor Decompressor:  
Compressor::RunDecompressor().
```

**Fix:** You can now use the semi-automated (X2P) workflow to migrate a Linux workload to a Hyper-V target VM even if the **Enable Compression** option in the **Network** section of the Job Configuration window is selected.

## 8.9 Replication Cannot Complete If an Anti-Virus Update Is Pending a Restart on the Source

**Issue:** Automatic updates for anti-virus software on Windows source workloads sometimes have pending system changes that require a restart. While the required restart is pending, any replication seems to get stuck and cannot complete. (Bug 1091267)

**Fix:** Follow the steps documented in [“Replication Cannot Complete If an Anti-Virus Update Is Pending a Restart on the Source”](#) troubleshooting scenario in the *User Guide*.

## 8.10 Target Cloud Containers and Associated Workloads Are Not Imported

**Issue:** If your user password for a target Cloud container changes or expires after you export the database and before you import the data after upgrade, the container is not imported and its associated workload configurations are corrupted in the imported database. The container and workloads are not displayed in the Web Interface. The workloads are visible in the Migrate Client, but cannot be managed. Manually re-adding the container and workloads in the Web Interface fails because their objects are already present in the database. (Bug 1033680)

**Fix:** To use the same Migrate server for migrations to the target Cloud container, you must re-install PlateSpin Server, which resets the database. You must re-configure all target containers and workloads.

To avoid the issue, ensure that credentials in the Migrate database are valid and unchanged for target Cloud containers at export and import. See [“Ensuring Valid Credentials for Target Cloud Containers”](#) in the *Installation and Upgrade Guide*.

## 8.11 OL 7.3 UEFI Running RHCK: Preparing Test Cutover Fails

**Issue:** For Oracle Linux 7.3 UEFI running RHCK kernel, Preparing Test Cutover fails as follows:

- ♦ **For Azure:** Displays error: Configuration service in the target machine does not seem to have started.
- ♦ **For vCloud:** The status displays as running but the target VM displays the `grub>` prompt.

This issue is not observed on OL 7.3 with RHCK for BIOS, nor for OL 7.3 with UEK for UEFI or BIOS. (Bug 1067023)

**Fix:** For information about how to modify the default kernel used for Oracle Linux UEFI machines, see [KB Article 7023252](#).

# 9 Installing or Updating PlateSpin Migrate

PlateSpin Migrate 12.3 provides the *Install PlateSpin Migrate Prerequisites* PowerShell script to check for and install prerequisite software and apply the appropriate configuration: ASP.NET, IIS, and .NET Framework. See [“Installing Prerequisite Software”](#) in the *Installation and Upgrade Guide*.

To install PlateSpin Migrate 12.3, see [“Installing PlateSpin Migrate”](#) in the *Installation and Upgrade Guide*.

To apply PlateSpin Migrate 12.3 to your PlateSpin Server, you must have an existing installation of PlateSpin Migrate 12.2.2 on a supported Windows platform, with or without interim patches and hotfixes applied. See [“Upgrading Migrate”](#) in the *Installation and Upgrade Guide*.

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**NOTE:** To upgrade from an existing installation of PlateSpin Migrate 12.2.2 Server to a supported new host platform, see “[Upgrading to a New Host Platform](#)” in the *PlateSpin Migrate 12.3 Installation and Upgrade Guide*.

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## 10 Licensing Information

For information about activating a new license, see “[PlateSpin Migrate Product Licensing](#)” in the *User Guide*.

## 11 Previous Releases

For documentation that accompanied earlier releases, visit the [PlateSpin Migrate 12.3 Documentation website](#) and scroll to *Previous Releases*.

## 12 Contacting Micro Focus

If you have suggestions for documentation improvements, click **comment on this topic** at the bottom of any of its HTML pages, or email [Documentation-Feedback@netiq.com](mailto:Documentation-Feedback@netiq.com).

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