

Readme File for IBM® Platform Symphony RFE 120176

Readme file for: IBM Spectrum Symphony Multicluster

Product/Component Release: 7.2.0.2

Fix ID: sym-7.2.0.2-build492821-cacib

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This enhancement adds a “sync” option to the “smcadmin” command in IBM Spectrum Symphony 7.2.0.2 Multicluster, enabling service packages in participating lone clusters to be updated with the service package in the multicluster repository without an application profile. This new option synchronizes service packages in the multicluster repository and the federation cluster repository.

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Scope

Before you install this enhancement in your cluster, note the following requirements:

Operating system	Management hosts: Windows 2012 R2 64 bit
Product version	IBM Spectrum Symphony 7.2.0.2

Installation

Follow the instructions in this section to download and install this enhancement in your cluster.

Prerequisites

IBM Spectrum Symphony 7.2.0.2 Multicluster must be installed on Windows hosts in your cluster.

Packages

Name	Description
<code>symmc-7.2.0.2_build492821.msp</code>	Windows package for management hosts in the IBM Spectrum Symphony multicluster master cluster

Installing on Windows management hosts

Log on to each Windows management host in the cluster, copy the `symmc-7.2.0.2_build492821.msp` package, and complete one of the following steps:

- To perform an interactive installation, double-click the `.msp` package and follow the prompts.
- To perform a silent installation from the IBM Spectrum Symphony command line, enter the following command:

```
C:\>msiexec /update C:\symmc-7.2.0.2_build492821.msp /l*v updateSym.log /norestart /quiet REINSTALLMODE=omus
```

The command syntax is as follows:

```
C:\>msiexec /update <sym_package_name_path> /l*v <sym_install_log> /norestart /quiet REINSTALLMODE=omus
```

where:

- `<sym_package_name_path>` is the fully qualified path to the `.msp` package.
- `<sym_install_log>` is the log file for the upgrade.

Configuration and usage

This patch updates the “smcadmin” command with the “service sync” option. Use this option to update a specified service package in the target cluster’s repository with the one in the multicluster repository. If the service package is updated, the command completes successfully.

The command usage is as follows;

```
Usage: smcadmin service sync -a package_name -c consumer_ID
-C cluster1[,cluster2,...] [-m polling_interval] [-t timeout]
```

Description: Synchronizes a service package from the multicluster repository with the service package in the federation cluster repository.

-a package_name	The name of the service package. package_name valid values are 0-9, A-Z, a-z, _, -, or . (cannot contain only periods).
-c consumer_ID	Consumer to which the package must be deployed.
-C cluster1[,cluster2,...]	List of lone clusters with which to synchronize the service package. Provide cluster credentials using user_name@cluster or user_name:password@cluster.
-m polling_interval	The time interval, in seconds, to poll for the status of backend requests. Valid value is a positive integer in the range 1 - 2147483647. Default is 5 seconds.
-t timeout	Timeout (in seconds) for this backend request. Valid value is a positive integer in the range 1 - 2147483647. Default is 300 seconds.

Example:

```
>smcadmin service sync -a myServicePackage -c /SymTesting/Symping721 -C
sym72.1,sym72.2 -m 1
CLUSTER NAME   PROGRESS   CONTEXT
sym72.1        SUCCESS   -
sym72.2        SUCCESS   -
```

Uninstallation

If you want to uninstall this enhancement on hosts in your cluster, roll back to the previous version of IBM Spectrum Symphony either from the Windows Control Panel or from the IBM Spectrum Symphony command line:

- To roll back from the Windows Control Panel, go to **Control Panel > Programs and Features > View installed updates**, click **Update for Symphony 7.2.0.2 (build “492821”)**, and click **Uninstall**.
- To roll back from the IBM Spectrum Symphony command line, enter the following command:

```
C:\>msiexec /uninstall {D3C19FED-0754-400B-BD64-1F1742ED2927} /package
{CAB39F65-6F5A-4257-8BED-BF203ECE4D38} /norestart /quiet /l*v
sym_rollback.log
```

The command syntax is as follows:

```
C:\>msiexec /uninstall <interim_fix_code> /package <product_code>
/norestart /quiet /l*v <rollback_log>
```

where:

o <interim_fix_code> is the identifier of the .msp package for the interim fix; in this case, {D3C19FED-0754-400B-BD64-1F1742ED2927}.

o <product_code> is the identifier of the .msi file in the product installation package; in this case, {CAB39F65-6F5A-4257-8BED-BF203ECE4D38}.

o `<rollback_log>` is the name of the log file to capture details of the interim fix rollback; in this case, `sym_rollback.log`.

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