



*Restaurant Enterprise Solution
RES 4.6 Prerequisite Patch
Documentation*

General Information

This documentation describes the RES Prerequisites Patch. This document is divided into the following sections:

- ◆ General Information 1
- ◆ Patch Setup 3
- ◆ RES 4.6 Prerequisite Patch (Build 4.6.4.2044)..... 7

Declarations

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Patch Setup

This section discusses the supported versions of the Prerequisite Patch as well as the steps to install the latest patch.

MICROS recommends that the user read this section and the section detailing the latest patch **PRIOR** to performing an upgrade.

Supported Versions

The table below identifies the Prerequisite Patches that are supported on each version of the RES product. Refer to the table below before running a Prerequisite Patch.:

RES Version	4.0 HF1 Pre-requisite Patch Supported	4.1 Pre-requisite Patch Supported	4.3 Pre-requisite Patch Supported	4.6 Pre-requisite Patch Supported
4.0 GR (4.0.8.312)		X		
4.0 Hotfix 1 (4.0.11.374)	X	X		
4.0 Hotfix 2 (4.0.14.418)	X	X		
4.0 Hotfix 3 (4.0.17.502)	X	X		
4.1 GR (4.1.7.550)	X	X		
4.1 HF1 (4.1.13.641)		X		
4.1 HF2 (4.1.17.773)		X		
4.1 HF3 (4.1.19.906)		X		
4.3 (4.3.6.1200)		X		
4.3 HF1 (4.3.16.1526)		X	X	

RES Version	4.0 HF1 Pre-requisite Patch Supported	4.1 Pre-requisite Patch Supported	4.3 Pre-requisite Patch Supported	4.6 Pre-requisite Patch Supported
4.3 HF2 (4.3.22.1824)			X (Patch Required)	
4.4 (4.4.16.1832)			X (Patch Required)	
4.5 (4.5.7.1983)			X (Patch Required)	
4.6 (4.6.4.2044)				X (Patch Required)

Prior to installation, the patch will check the registry to determine if the system is running the correct version of the prerequisites. The patch will not run if the version string does not match.

If the patch stops due to an error, then the following message will appear:

```
Patch terminated by custom action.
```

To determine the specific action that stopped the patch, users can scroll to the bottom of *WinDir\MicrosPrereqPatch.log*.

Installing the Prerequisites

Considerations

Sites using a USB license key may see a 'Grace period' message after the RES v. 4.6 Prerequisite is installed. This has been corrected in RES v. 4.6, which should be run right after the 4.6 prerequisite, so this grace period message is not a concern.

To correct it immediately, open *licmanager.exe* on the server and select the 'Reload' button.

To avoid the grace period message altogether while still installing both the RES v. 4.6 Prerequisite and RES v. 4.6 patches as quickly as possible, conduct a *ByPassReboot* for the RES v. 4.6 Prerequisite installation and then re-enable the reboot and run RES v. 4.6.

Steps to ByPass Reboot for RES v. 4.6.4.2044 Prerequisite:

1. While logged in as an administrator, navigate to *Start / Run*, type 'regedit' and click 'OK'.
2. Navigate to *HKEY_LOCAL_MACHINE\SOFTWARE\MICROS*.
3. Right-click on MICROS and select *New / Key*.
4. Name the new key 'Patch'.
5. Right-click on 'Patch' and select *New / String value*.
6. Name the new string value 'ByPassReboot' and set its value to 'True'.
7. Next, follow the normal prerequisite installation steps listed below.
8. **IMPORTANT STEP:** After the RES v. 4.6 Prerequisite patch has completed (approximately 3–5 minutes), set the ByPassReboot value back to 'False'.

*HKEY_LOCAL_MACHINE\SOFTWARE\MICROS\Patch\
ByPassReboot*

9. Follow the proper steps to run the RES 4.6 patch. See the *RES v. 4.6 Installation Guide, MD0003-121* for specific instructions.

Prerequisite Patch Installation Instructions

You must log into the system as a User with administrative privileges both before running the patch and after the server reboots once patch installation is complete.

1. Download the Prerequisites Patch from the MICROS Website on the RES Product Page (**RES46_Prerequisite.exe**) to your *Temp* folder.

Make sure that there is a minimum of 1 GB of available space on the hard drive where the application will be stored. This should be the same drive where Windows resides.

2. In the *MICROS Control Panel*, set the Restaurant to **OFF**.
3. Make sure all hard-drive clients are at system closed.
4. Close all applications prior to running the patch, including the *MICROS Control Panel*.

Note *If you are running the MICROS Secure Desktop on Win32clients, you must manually shut down and disable the service before running the hot fix. Reset the service to “automatic” after successfully completing the installation and then reboot the clients.*

5. If you have altered any Sybase files, you must replace them with the original versions before proceeding. Failure to do so will not stop the patch before all files are updated.
6. Double-click on **RES46_Prerequisite.exe** to run the patch. The patch will decompress the files from the self-extracting executable. A DOS window will display during the Service Pack installation. The patch will install automatically and will copy the files to the appropriate directories.

If the patch stops due to an error it will say, “Patch terminated by custom action.” To determine the specific action that stopped the patch, users can scroll to the bottom of *WinDir\MicrosPrereqPatch.log*.

7. The server will automatically reboot when complete.

In RES 4.x, hard drive clients use CAL to perform updates. After the server reboots, all hard drive clients will automatically upgrade. The clients will reboot several times during the upgrade process.

RES 4.6 Prerequisite Patch (Build 4.6.4.2044)

The Prerequisite Patch should be run on all systems running RES 4.6 or higher.

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

The table below summarizes the new features included in this version.

Module	Feature	CR ID	Page
Security	Sentinel Driver v. 7.5.0 is Now Deployed	N/A/ 34385	7

New Features Detailed

Security

Sentinel Driver v. 7.5.0 is Now Deployed

CR ID #: N/A

SCR #: 34385

The RES v. 4.6 Prerequisite Patch now includes an updated version of the third-party Sentinel Driver v. 7.5.0 software. This version of the driver resolves vulnerability issues introduced in the Sentinel Version 7.0.0.

For more information, please see the *MICROS RES Sentinel Driver 7.5.0, MD0003-146* document for specific Sentinel driver installation instructions.

What's Enhanced

There are no enhancements in this release.

What's Revised

There are no revisions in this release