



Restaurant Enterprise Solution (RES)

Version 5, Generation 2

Prerequisite Patch Documentation

General Information

About This Document

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

- ◆ General Information 1
- ◆ Patch Setup 3
- ◆ RES 5, Gen2 Prerequisite Patch 5

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 | 5.0 Prerequisite Patch Supported | RES 5 Gen2 Prerequisite Patch Supported |
|--------------------------|----------------------------------|---|
| 5.0 GR (5.0.0003.0416) | X | |
| 5.0 MR 1 (5.0.0101.0497) | X | |
| 5.0 MR 2 (5.0.0201.0653) | X | |
| 5.0 MR 3 (5.0.0300.0722) | X | |
| 5.0 MR 4 (5.0.0400.0774) | X | |
| 5.0 MR 5 (5.0.0501.1328) | X | |
| 5.0 MR 6 | | X |
| 5.1 (5.1.004.0938) | X | |
| 5.1 MR 1 (5.1.0100.1016) | X | |
| 5.1 MR 2 (5.1.0201.1115) | X | |
| 5.1 MR 3 (5.1.0302.1463) | X | |
| 5.1 MR 4 | | X |
| 5.2 (5.2.0005.1327) | X | |
| 5.2 MR1 (5.2.0101.1714) | | X |
| 5.4 | | X |

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*.

RES 5, Gen2 Prerequisite Patch

The Prerequisite Patch (Build 5.4.0000.1651) should be run on all systems being upgraded from Sybase 11 to Sybase 16. Refer to the table on page 3 for each RES 5.x version that requires the RES Gen2 Prerequisites.

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/ SCR ID/ TP ID | Page |
|--------|-----------------|-----------------------------------|------|
| Setup | 3700 POS Server | N/A/ 40438, 40329/ 55687 | 5 |

New Features Detailed

Setup

3700 POS Server

CR ID #: N/A

SCR #: 40438, 40329

Target Process#: 55687

The new RES 5 Gen2 Prerequisite Patch performs the following actions:

- ◆ Removes Sybase SQL Anywhere 11
- ◆ Installs Sybase SQL Anywhere 16

- ◆ Re-links the Borland database engine (BDE) to Sybase SQL Anywhere 16

Please read all of these instructions before beginning.

It is important that all of these steps be followed in order.

Note *Once the RES 5 Gen2 Prerequisites have been installed, the database will not start again until the RES 5.x Patch has also been run. Therefore, any steps that need to be done prior to running the RES Patch must also be done prior to running the RES 5 Gen2 Prerequisites. It is expected that the RES 5.x Patch will be run immediately after installing the RES 5 Gen2 Prerequisites.*

Before You Begin

The following conditions must be noted and completed prior to starting the RES 5.x Patch.

Preparation to be Done Before Installing RES 5 Gen2 Prerequisites

1. The RES server and database must be at a minimum valid version to be able to upgrade to the RES Gen 2 Prerequisite (with Sybase 16).

| Minimum Required RES Version on Server Prior to Res 5 Gen 2 Prerequisite Installation: | Corresponding RES 5 Patch that can be Installed with RES 5 Gen 2 Prerequisite: |
|---|---|
| RES 5.0 (Build 416); (or with any MR installed: MR1 to MR5) | RES 5.0 MR6 or higher |
| RES 5.1 (Build 0938); (or with any MR installed: MR1 to MR3) | RES 5.1 MR4 or higher |
| RES 5.2 (Build 1327) | RES 5.2 MR1 or higher |
| RES 5.0 (Build 416) or higher | RES 5.4 or higher |

2. You must have .Net Framework 3.5 sp1 or higher installed on the RES Server.

Look in C:\Windows\Microsoft.NET\Framework and verify that you have a folder named “3.5.30729.1” or higher.

3. You must also have .Net 4.0 Client installed on the RES server.
4. You must have Adobe Reader version 9 or higher installed on the RES server.

Installing the Prerequisites

Installing RES 5 Gen2 Prerequisites and RES 5 Gen2 Patch

1. Double-click **RES5Gen2Prerequisite.exe**. The WinZip Self-Extractor launches and unzips all patch files to a temporary folder. The Windows Installer prepares for installation and launches the “MICROS RES 5 Gen2 Prerequisites-Install Wizard”.

- a) Click **Next** on the first dialog.

- b) Accept the license agreement and click **Next**.

- c) Click **Install**.

It will take approximately 10 minutes for the prerequisites to complete.

- d) On the *InstallShield Wizard Completed* dialog, click **Finish**.

The system will not reboot when done. It is ready for the RES 5 Gen2 Patch to be run.

2. Double-click [**RES5Patch**]*.exe to run the patch. (Refer to the table on page 6 for valid RES 5 Gen2 Patches.)

*The RES Patch version name of the executable file (in braces) varies.

3. The server will reboot when the patch has completed and clients will automatically update.

Important *Do not remove the old 5.0 Prerequisite in Windows / Settings / Control Panel / Add or Remove Programs. This must remain installed on the Server.*

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current application. To qualify as an enhancement, the change must satisfy the following criteria:

- ◆ The basic feature or functionality already exists in the previous release of the software.
- ◆ The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

The table below summarizes the enhancements included in this version.

| Module | Enhancement | CR ID/ SCR ID/ TPID | Page |
|-----------------|---|---------------------------|------|
| Database Engine | Database Engine updated to Sybase SQL Anywhere 16 | N/A/ 40329/ N/A | 9 |

Enhancements Detailed

Database Engine

Database Engine updated to Sybase SQL Anywhere 16

CR ID #: N/A

SCR #: 40329

Target Process#: N/A

The database engine has been updated in the RES Gen2 versions from Sybase 11 to Sybase SQL Anywhere 16. Due to this database engine update, the new RES 5 Gen2 Prerequisite Patch is required prior to installing newer RES 5.x versions. (Refer to page 3 for RES version details.)

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the RES Version 5.2 software. To qualify as a revision, the change must satisfy the following criteria:

- ◆ The basic form, feature, or functionality must be part of the previous version of the software.
- ◆ The change must replace the current item or remove it from the application.

Revisions Summarized

The table below summarizes the revision included in this Maintenance Release.

| Module | Revision | CR ID/ SCR ID/ TPID | Page |
|-----------|---|---------------------------|------|
| Sybase 16 | Syntax changes made for proper connection to database and external programs | N/A/ 40451/ N/A | 10 |

Revisions Detailed

Sybase 16

Syntax changes made for proper connection to database and external programs

CR ID #: N/A

SCR #: 40451

Target Process#: N/A

The RES 5 Gen2 Prerequisite Patch contains new syntax changes for connection to the database and the external program scripts. The following two changes were made.

Change #1 - Connection to Database

The first line in each script that had line 1 connecting to the database has been changed.

Previous Sybase 11 Syntax:

connect support identified by support

New Sybase 16 Syntax:

connect USING 'DSN=micros;UID=support;PWD=support'

Change #2 - External Program Change

A second change has been made to External Programs in the *POS Configurator / System / External Programs*. The syntax at the store has been changed for the external programs. The syntax '-nogui' was added to indicate that no GUI is needed to suppress the interactive user interface.

Previous Sybase 11 External Program Syntax:

dbisql -q ScriptName.sql

New Sybase 16 External Program Syntax:

dbisql -q -nogui ScriptName.sql

Note '-q' is used to execute the script in *Quiet mode*.
 '-nogui' is needed to *suppress the interactive user interface*.

In *POS Configurator / System / External Programs*, no change is needed to the 'Working Directory'. You only need to change the 'Command Line' DIR line (see DBISQL query 'Tip' below).

Tip

In *POS Configurator / System / External Programs*, change all programs that call 'dbisql...'. For example, if you enter the following SQL query, you can determine which ones require this change:

```
SELECT * from micros.ext_prog_def where command_line like  
'%dbisql%' order by 2
```

*******IMPORTANT NOTE FOR EM MANAGED SITES*******

Customers that manage Autosequences from the Corporate Level and have a variety of stores with multiple versions of Sybase (e.g., Sybase 9, Sybase 11, and/or Sybase 16) need to make these new syntax changes at EM Corporate. Then send the updated POS script files and External Program changes down to the stores no later than the next day after the RES Server has been upgraded to RES 5 Gen2. (See 'Important Note' below.)

The newer syntax requirements are downward compatible and work with Sybase 9, 11, and 16; therefore, these changes can be sent to all stores at one time, after the first store in the chain is upgraded to RES 5 Gen2. This will avoid issues in the future with these important syntax changes being missed for certain store locations.

Important Note:

Any Autosequences that contain scripts affected by these syntax changes, that are not corrected, may render various daily or End-of-Night Autosequence(s) incomplete. This may leave an instance of DBISQL running in Windows Processes.
