

Oracle® MICROS Symphony
Server Setup Guide
Server Version 2

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Preface

This document describes how to perform initial setup of the Symphony server.

Audience

This document is intended for end users and implementation technicians who are responsible for setting up the Oracle MICROS Symphony server on premises.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:
<https://support.oracle.com>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Revision History

Date	Description of Change
31-Mar-2015	<ul style="list-style-type: none">• Initial publication
13-April-2015	<ul style="list-style-type: none">• Minor edits

Operating system setup

For servers using Microsoft Windows Server 2008 R2:

1. Power on the server.
2. Select your language, and click **Next**.
3. Select your regional settings, and click **Next**.
4. Accept the Microsoft license agreement, and click **Start**.
5. Press CTRL + ALT + DEL and log in using:
user: simadmin
password: 1QazxsW2
6. Change the **Password** when prompted. The password:
 - Cannot contain the user account name.
 - Cannot contain more than two consecutive characters from the user full name.
 - Must be at least eight characters in length.
 - Must adhere to at least three of the following:
 - Contains an English uppercase character (A through Z).
 - Contains an English lowercase character (a through z).
 - Contains a base 10 digit (0 through 9).
 - Contains a non-alphabetic character (examples: ! \$ # %)

Changing the server name

1. On the Server Manager screen, click **Change System Properties**, and then click **Change**.
2. Enter the *ServerName* in the **Computer Name** field, and click **OK**. The *ServerName*:
 - Must begin with a letter.
 - Cannot exceed fifteen characters.
 - Must not include the string `simphonyserver`.
 - Must contain only alphanumeric characters.
3. Close all open forms and restart the server.
4. Using the *ServerName* you set in Step 2:
 - a. Find and replace the default *ServerName* in the following host files with the new *ServerName*. The default *ServerName* is associated with the IP address `localhost`.

Path and filename	Variable
C:\Windows\System32\drivers\etc\hosts	<i>HostIPAddress ServerName</i> The <i>HostIPAddress</i> is typically set to <code>localhost</code> .
C:\Windows\System32\drivers\etc\lmhosts	<i>HostIPAddress ServerName</i> The <i>HostIPAddress</i> is typically set to <code>localhost</code> .

- b. Find and replace the default *ServerName* in the following Oracle files with the new *ServerName*.

Path and filename	Variable
D:\Oracle\product\version\dbhome_1\NETWORK\ADMIN\listener.ora	HOST= <i>ServerName</i>
D:\Oracle\product\version\dbhome_1\NETWORK\ADMIN\tnsnames.ora	HOST= <i>ServerName</i>

- c. If the DNS is enabled on the network, find and replace the default *ServerName* in the following Symphony and mymicros files with the new *ServerName*. If DNS is not enabled, then the server's IP address should be entered.

Path and filename	Variable
D:\Micros\Simphony2\EgatewayService\ DbSettings.xml	Set the <i>ServerName</i> for all dataSource entries.
D:\Micros\Simphony2\EgatewayService\ Web.config	Set the <i>ServerName</i> in the <appsettings> element for: <ul style="list-style-type: none"> • SimphonyCAL DiscoveryURL • BatchServiceURL • EGatewayURL • BatchServiceURL_1x • KdsCheckAndPosting ServiceHost
D:\Micros\Simphony\EgatewayService\ DbSettings.xml	Set the <i>ServerName</i> for all dataSource entries.
D:\Micros\Simphony\EgatewayService\ Web.config	Set the <i>ServerName</i> in the <appsettings> element for: <ul style="list-style-type: none"> • SimphonyCAL DiscoveryURL • EGatewayURL • BatchServiceURL_1x
D:\Micros\Install\SimphonyInstall.xml	Set the <i>ServerName</i> on all <ServerName>, <SvcHostName>, and <LegacySvcHostName> lines
D:\Micros\Simphony2\DirectPostingService\ DirectPostingService.exe.config	Set the <i>ServerName</i> on the EGatewayURL line.
D:\Micros\Simphony2\SequencerService\ SequencerService.exe.config	Set the <i>ServerName</i> on the EGatewayUrl line.
D:\Micros\MyMicros\myPortal\ microsConfig.properties	Set the <i>ServerName</i> on all db.server* lines.
D:\Micros\MyMicros\infoDelivery\Db.xml	Set the <i>ServerName</i> on all db.server* lines.

5. Restart the computer.

6. If using Win32 devices, follow the steps outlined below:

a. Find and replace the default *ServerName* in the following file:

Path and filename	Variable
D:\Micros\Symphony2\EgatewayService\ CAL\Win32\Packages\EGateway\web.config	Set the <i>ServerName</i> in the <appsettings> element for: <ul style="list-style-type: none">• EGatewayURL• BatchServiceURL_1x

b. Log onto the EMC and navigate to the Enterprise level and click the **Setup** tab, click **CAL Packages**, click the **Package Content** tab, and select the appropriate Service Host.

c. Click **Win32** under the Platforms header.

d. Click **Reload Package From Disk** to upload the Win32 CAL package to the database.

e. When prompted for the CAL package location, specify:

D:\Micros\Symphony2\EgatewayService\CAL\Win32\Packages\Service Host2.0, and click **OK**.

Security best practices

This chapter describes security best practices for Symphony servers. Implement the security measures described in this chapter in addition to Symphony security best practices accessible at My Oracle Support (<https://support.oracle.com>).

For servers using Microsoft Windows Server 2008 R2:

1. Log in to the operating system using the simadmin account.
2. To change Windows Update settings, click **Start**, click **Control Panel**, click **Windows Update**, and click **Change Settings**.
3. To manage user accounts:
 - a. Click **Start**, right-click **Computer**, and select **Manage**.
 - b. On the Computer Management window, expand **Configurations**, expand **Local Users and Groups**, and expand **Users**.
4. Avoid using the simadmin administrator account for operations that do not require administrator privileges. To create a new, non-administrator user account:
 - a. Right-click the **User** folder and select **New User**.
 - b. Fill out the New User form, select **User must change password at next logon**, and click **Create**.
 - c. Give the manager or user the account name and the current password.
5. If you are giving a manager an administrator account:
 - a. Right-click the name of the account you want to set as an administrator and select **Properties**.
 - b. On the **General** tab, select **User must change password at next logon**.
 - c. On the **Member Of** tab, click **Add**, enter Administrators, and click **OK**.
 - d. Click **OK** to save the account properties.
 - e. Give the manager the account name and the current password.

Simphony initialization

1. Log into the operating system with an administrator account.
2. You can now:
 - a. Restore a database.
 - b. Log onto the Simphony EMC using:
user: micros
password: micros
 - c. Change the default password. Follow the same password creation standards listed under step 6 on page 5.
 - d. Configure the POS application.
 - e. Verify that the server is set to the correct Time Zone settings, date, and time.

For more information and instructions, access Simphony documentation on the Hospitality documentation page at <http://docs.oracle.com>.

Appendix A - Initial Configurations

This chapter describes initial server configurations.

Setting	Description
Workgroup	WORKGROUP
Microsoft Updates	Auto download and notify for install Windows Malicious Software Removal Toolx64 (kb890830) not installed
Clear Virtual Memory Pagefile on shutdown	Enabled
Autoplay	Disabled for simadmin Enabled for new accounts
Firewall	On
Restore Points	Disabled
Remote Desktop	Disabled
Server Manager Remote Management	Disabled
Power control settings	
Turn off the display	Never
Put the computer to sleep	Never
Hard disk / Turn off hard disk after	Never
USB / USB selective suspend setting	Disabled
Power buttons and lid / Power button action	Shut down
PCI Express / Link State Power Management	Off
Performance Options	
Visual Effects	Let Windows choose what's best
Advanced / Processor scheduling	Programs
Data Execution Prevention	Turn on DEP for essential Windows programs and services only
Local Area Connection 1 Properties	
Internet Protocol Version 6 (TCP/IPv6)	Enabled
Internet Protocol Version 4 (TCP/IPv4)	Enabled, assigned by DHCP

Global policy settings	
Always use classic logon	Enabled
Enforce password history	Enabled and set to 4
Maximum password age	60
Password must meet complexity	Enabled
Audit account logon events policy	Enabled for both Success and Failure
Audit logon events policy	Enabled for both Success and Failure
Audit privilege use policy	Enabled for both Success and Failure
Shutdown settings	
Allow system to be shut down without having to log on	Disabled
Do not display Install Updates and Shut Down Option	Enabled
Do not adjust default option to Install Updates and Shut down in the...	Enabled
