

**Oracle® Hospitality Symphony First Edition**  
Server Setup Guide - Version 2.0  
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# Preface

This document describes how to perform initial setup of the Symphony First Edition (FE) server.

## Audience

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

## 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 and any associated log files
- Screen shots of each step you take

## Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at <http://docs.oracle.com/en/industries/hospitality/>.

- Refer to the *Symphony First Edition Installation Guide* for more information about installing Symphony FE
- Refer to the *Symphony First Edition Security Guide* for more information about enhancing Symphony FE security or changing and encrypting passwords

## Revision History

Date	Description of Change
March 31, 2015	<ul style="list-style-type: none"><li>• Initial publication</li></ul>
April 13, 2015	<ul style="list-style-type: none"><li>• Minor edits</li></ul>
February 12, 2016	<ul style="list-style-type: none"><li>• Updated password content</li></ul>

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# 1 Operating System Setup

This chapter describes how to set up the operating system for a Symphony FE server.

For servers using Microsoft Windows Server 2012 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:

**Table 1 - Initial Logon Credentials**

Computer Models	Logon Information
Gen8 Servers	user: simadmin password: 1QazxsW2
Gen9 Servers	user: simadmin password: Enter your password when prompted

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: ! \$ # %)

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## 2 Changing the Server Name

This chapter review the steps to take in order to change the name your Symphony FE application server.

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`.

**Table 2 - Host Files**

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 Database files with the new *ServerName*.

**Table 3 - Oracle Database Files**

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

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**Table 4 - Symphony FE and mymicros.net Files**

Path and filename	Variable
E:\Micros\Symphony\EgatewayService\DbSettings.xml	Set the <i>ServerName</i> for all <i>dataSource</i> entries.
E:\Micros\Symphony\EgatewayService\Web.config	Set the <i>ServerName</i> in the <appsettings> element for: <ul style="list-style-type: none"><li>• SymphonyCALDiscoveryURL</li><li>• BatchServiceURL</li><li>• EGatewayURL</li></ul>
E:\Micros\Symphony\DirectPostingService\DirectPostingService.exe.config	Set the <i>ServerName</i> on the EGatewayURL line.
E:\Micros\Symphony\SequencerService\SequencerService.exe.config	Set the <i>ServerName</i> on the EGatewayUrl line.
E:\Micros\Symphony\MyMicros\myPortal\microsConfig.properties	Set the <i>ServerName</i> on all db.server* lines.
E:\Micros\Symphony\MyMicros\infoDelivery\Db.xml	Set the <i>ServerName</i> on all db.server* lines.

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For the following server models, locate the files in the D drive instead of the E drive:

- HP ProLiant DL380p Gen8 rack server
  - HP ProLiant ML350p Gen8 tower server
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5. Restart the computer.



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## 3 Security Best Practices

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

For servers using Microsoft Windows Server 2012 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.

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## 4 Symphony First Edition Initialization

Review the steps outlined below to initialize your Symphony FE system.

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

### Crypt Database Password Encryption Tool

There is a database password encryption tool named **Crypt** on the Symphony FE application server. For privileged users, it helps to:

- Test database connections
- Change database passwords
- Encrypt database passwords

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**Caution:** The Crypt utility updates new passwords for the Symphony FE configuration files, but does not change passwords on the actual database platform. If you do not change the passwords for the database platform or enter incorrect passwords while using the Crypt utility, the database connection to the Symphony FE application fails.

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Refer to the *Symphony First Edition Security Guide* for more information about enhancing Symphony FE security and use of the Crypt utility.

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## 5 Reports and Analytics Initialization

1. Log onto mymicros using:
  - Username: super admin
  - Company: m
  - Password: password1

This is the only mymicros user that has the privileges to change the Organization ID, which appears in EMC (under Enterprise Parameters), but is defined in mymicros.

2. Select **System** from the **Admin** side menu.
  - a. Select the **Organizations** collapse menu and then select **Organizations**.
  - b. Select **10000 - Sample** and then select **edit** from the top menu.
  - c. Edit *only* the **Name** and **Short Name** fields:
    - Where **Name** is the site's full Organization name
    - Where **Short Name** is a shortened version of their full Organization name that is 3 letters long
      - Example: John's Food Market = JFM

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# Appendix A Initial Configurations

This chapter describes initial server configurations.

**Table 5 - Initial Operating System Settings**

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

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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

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# Appendix B Drive Contents

This chapter describes initial server partition drive configurations.

## Gen8 Server Models

HP ProLiant ML350p Gen8 tower server

HP ProLiant DL380p Gen8 rackmount server

**Table 6 - Gen8 Drive Partition Contents**

Drive partitions	Description of drive contents
C drive	<ul style="list-style-type: none"><li>• Operating System</li></ul>
D drive	<ul style="list-style-type: none"><li>• Symphony First Edition</li><li>• Oracle Database</li><li>• Database backups</li><li>• Symphony First Edition installation media</li></ul>

## Gen9 Server Models

HP ProLiant ML350p Gen9 tower server

HP ProLiant DL380p Gen9 rackmount server

**Table 7 - Gen9 Drive Partition Contents**

Drive partitions	Description of drive contents
C drive	<ul style="list-style-type: none"><li>• Operating System</li><li>• Oracle</li></ul>
D drive	<ul style="list-style-type: none"><li>• Oracle Database</li><li>• Database backups</li></ul>
E drive	<ul style="list-style-type: none"><li>• Symphony First Edition</li><li>• Symphony First Edition installation media</li></ul>