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</table>
This document describes how to perform initial setup of the Simphony server.

**Audience**

This document is intended for end users and implementation technicians who are responsible for setting up the Simphony 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 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 *Simphony Installation Guide* for more information about installing Simphony
- Refer to the *Simphony Security Guide* for more information about enhancing Simphony security or changing and encrypting passwords

**Revision History**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description of Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 2015</td>
<td>• Initial publication for Simphony on Gen8 servers</td>
</tr>
<tr>
<td>April 2015</td>
<td>• Minor edits</td>
</tr>
<tr>
<td>June 2016</td>
<td>• Updated contents for Simphony on Gen9 servers</td>
</tr>
</tbody>
</table>
1 Operating System Setup

This chapter describes the following:

- Initial Operating System setup
- User password configuration for the Simphony application and database servers
- Steps to rename the application server’s name

Operating System Passwords

Oracle Hospitality recommends the use of strong, complex passwords using the parameters outlined beginning on step 4 below.

For Gen9 servers using Microsoft Windows Server 2012 R2:

1. Power on the server.
2. Select your regional settings, App language, keyboard layout, and click Next.
3. Read the Microsoft license agreement, and click I accept.
4. Type a password for the built-in account that is used to sign onto the computer; this is the Administrator account. 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 special character (examples: ! $ # %)
5. Verify the password, and then select Finish.
6. Press CTRL + ALT + DEL and log in using:
   - user: Administrator
   - password: Enter the password you created in step 4.

Refer to the Microsoft TechNet Library for more information about password configuration for this operating system.

Creating User Passwords

When performing a Simphony installation and upon creating database passwords (specifically Oracle Database users), the passwords must adhere to the following rules:

- Cannot start with a number (for example 1QasHello)
- Cannot start with a special character (for example #abc)
- Must have at least 8 characters
- Must have at least one upper case letter
- Must have at least one number
- Cannot use a dictionary word, although two dictionary words together may pass
- Must have at least one supported special character
• Can only use database supported special characters, which include the underscore (_), dollar sign ($) and pound symbol (#) characters. The following characters are not recognized and should not be used for Oracle Database user passwords: ! @ % ^ & *

For example, Hello3&there will not pass because Hello and there are separated dictionary words by symbols/numbers, but Hellothere$1 would pass.

Renaming the Simphony Server Name

Once Microsoft Windows has finalized configuring your settings, and you have signed onto the server, the Server Manager utility launches.

Refer to the Microsoft TechNet Library for more information about server name recommendations for this operating system.

From the Server Manager utility, perform the following steps:

1. Select Local Server, under the Dashboard section to change the computer name of the application server.
2. Select the current computer name link adjacent to the Computer name field.
3. From the Computer Name tab click the Change… button.
4. Enter the new ServerName in the Computer Name field, and click OK.

The new ServerName:
   a. Must begin with a letter.
   b. Cannot exceed 15 characters.
   c. Must not include the string simphonyserver.
   d. Must contain only alphanumeric characters (no special characters).
5. Once the new computer name is entered, select the OK button. Microsoft Windows notifies you that the machine must be rebooted for the new computer name to take effect. Select OK.
6. Select Restart Now when prompted to reboot the computer.
7. Perform the following file edits:
   Find and replace the default ServerName (SIMSERVER) in the following host files with the new ServerName. The default ServerName is associated with the localhost IP address.

Table 1 - Host Files

<table>
<thead>
<tr>
<th>Path and filename</th>
<th>Variable</th>
</tr>
</thead>
<tbody>
<tr>
<td>C:\Windows\System32\drivers\etc\hosts</td>
<td>change SIMSERVER to the new ServerName</td>
</tr>
<tr>
<td>C:\Windows\System32\drivers\etc\lmhosts</td>
<td>change SIMSERVER to the new ServerName</td>
</tr>
</tbody>
</table>
If Oracle Database 12c has been installed, find and replace the default ServerName in the following Oracle files with the new ServerName.

Table 2 - Oracle Database Files

<table>
<thead>
<tr>
<th>Path and filename</th>
<th>Variable</th>
</tr>
</thead>
<tbody>
<tr>
<td>C:\Oracle\app\product version\dbhome_1\NETWORK\ADMIN\listener.ora</td>
<td>HOST=ServerName</td>
</tr>
<tr>
<td>C:\ Oracle\app\product version\dbhome_1\NETWORK\ADMIN\tnsnames.ora</td>
<td>HOST=ServerName</td>
</tr>
</tbody>
</table>
2 Security Best Practices

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

For Gen9 servers using Microsoft Windows Server 2012 R2:

1. Log onto the Simphony application server using an administrator 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 an 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.
3 System Initialization

This chapter describes initial system setup and Simphony access and initialization.

1. Log into the operating system with an administrator account.
2. Change the default user name and password. Follow the same password configuration steps on page 1-1 listed under step 4.
3. Verify that the server is set to the correct Time Zone settings, date, and time.
4. Install Simphony. For Simphony installation files, navigate to:
   E:\Simphony_VersionNumber\Setup.exe
5. Once Simphony is installed you can:
   a. Restore a database.
   b. Configure the POS application.

If you choose to install the Sample database:

Log onto the Simphony EMC using:
user:             micros
password:   micros

4 Reports and Analytics Initialization

This chapter describes initial Reports and Analytics access and 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. For example:
        John’s Food Market = JFM
Appendix A  Initial Configurations

This chapter describes initial server configurations.

Table 3 - Initial Server Operating System Settings

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workgroup</td>
<td>WORKGROUP</td>
</tr>
<tr>
<td>Microsoft Updates</td>
<td>Auto download and notify for install</td>
</tr>
<tr>
<td></td>
<td>Windows Malicious Software Removal</td>
</tr>
<tr>
<td></td>
<td>Toolx64 (kb890830) not installed</td>
</tr>
<tr>
<td>Clear Virtual Memory Pagefile on shutdown</td>
<td>Enabled</td>
</tr>
<tr>
<td>Autoplay</td>
<td>Disabled for simadmin</td>
</tr>
<tr>
<td></td>
<td>Enabled for new accounts</td>
</tr>
<tr>
<td>Firewall</td>
<td>On</td>
</tr>
<tr>
<td>Restore Points</td>
<td>Disabled</td>
</tr>
<tr>
<td>Remote Desktop</td>
<td>Disabled</td>
</tr>
<tr>
<td>Server Manager Remote Management</td>
<td>Disabled</td>
</tr>
<tr>
<td>Power control settings</td>
<td></td>
</tr>
<tr>
<td>Turn off the display</td>
<td>Never</td>
</tr>
<tr>
<td>Put the computer to sleep</td>
<td>Never</td>
</tr>
<tr>
<td>Hard disk / Turn off hard disk after</td>
<td>Never</td>
</tr>
<tr>
<td>USB / USB selective suspend setting</td>
<td>Disabled</td>
</tr>
<tr>
<td>Power buttons and lid / Power button action</td>
<td>Shut down</td>
</tr>
</tbody>
</table>

This chapter describes initial server configurations.

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

Default administrative shares have been disabled. To enable administrative shares, click the link provided below and follow the directions provided there:
https://support.microsoft.com/en-us/kb/954422
Appendix B  Drive Contents

This chapter describes initial server partition drive sizes and contents.

Gen9 Server Models
HP ProLiant ML350p Gen9 tower server
HP ProLiant DL380p Gen9 rackmount server

Table 4 - Gen9 Server Model Partitions

<table>
<thead>
<tr>
<th>Drive partitions</th>
<th>Description of drive contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>C drive - 150 GB</td>
<td>• Operating System</td>
</tr>
<tr>
<td>D drive - 600 GB</td>
<td>• N\A</td>
</tr>
<tr>
<td>E drive – 150 GB</td>
<td>• Simphony Version installation media</td>
</tr>
</tbody>
</table>