Oracle® Hospitality Simphony

Server Setup Guide – Simphony Image
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Preface

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 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 *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

Date	Description of Change
March 2015	• Initial publication for Simphony on Gen8 servers
April 2015	• Minor edits
June 2016	• Updated contents for Simphony on Gen9 servers

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.

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

Path and filename	Variable
C:\Windows\System32\drivers\etc\hosts	change SIMSERVER to the new *ServerName*
C:\Windows\System32\drivers\etc\lmhosts	change SIMSERVER to the new *ServerName*

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 onto the Simphony application server using 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

Refer to the *Simphony Installation Guide* for more information about installing Simphony at http://docs.oracle.com/en/industries/hospitality/.

Appendix A - Initial Configurations

This chapter describes initial server configurations.

Table 2 - Initial Server 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
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 3 - Gen9 Server Model Partitions

Drive partitions	Description of drive contents
C drive - 150 GB	• Operating System
D drive - 600 GB	• N\A
E drive – 150 GB	• Simphony *Version* installation media