

**Oracle® RES**  
Server Setup Guide  
Server Version 1

March 2015

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# Preface

This document describes how to perform initial setup of the RES Server.

## Audience

This document is for end users and deployment technicians who are responsible for setting up the Oracle RES 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
- Screen shots of each step you take

## Revision History

Date	Description of Change
31-Mar-2015	<ul style="list-style-type: none"><li>• Initial publication.</li></ul>

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# Operating system setup

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

## Microsoft Windows 7

For servers using Microsoft Windows 7:

1. Power on the server.
2. Select your regional settings, and click **Next**.
3. Enter a name for a new user account in the **User Name** field. Do not use resadmin.
4. Enter resserver in the **Computer Name** field, and click **Next**. If you do not enter resserver in this field, the RES application fails to recognize the server and will not operate.
5. Enter a password in the **Password** field. 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: ! \$ # %).
6. Enter a password **Hint**, and click **Next**.
7. Accept the license agreements, and click **Next**.
8. Select the default Windows Update setting, and click **Next**.
9. Select your date and time settings, and click **Next**.
10. Select Work Network for your network settings, and click **Next** to finish setup and finalize the selected settings.

## Microsoft Windows Server 2008 R2

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: resadmin  
password: Resadmin123
6. Change the **Password** when prompted. The password:
  - Cannot contain the user account name.

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- 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: ! \$ # %).
7. On the Server Manager screen, click **Change System Properties**, and then click **Change**.
  8. Enter resserver in the **Computer Name** field, and click **OK**. If you do not enter resserver in this field, the RES application fails to recognize the server and will not operate.
  9. Close all open forms and restart the server.
  10. If you want to change the computer name:
    - a. Navigate to D:\Micros\Res\Pos\Etc and double-click setname.exe.
    - b. Enter a new Micros server name, and click **OK**. The name:
      - Must begin with a letter.
      - Cannot exceed fifteen characters.
      - Must not include the string resserver.
      - Must contain only alphanumeric characters.
    - c. Allow the computer to restart.

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# Security best practices

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

## Microsoft Windows 7

For servers using Microsoft Windows 7:

1. Log in to the operating system using:  
user:           resadmin  
password:       Resadmin123
2. Change the password when prompted.
3. To change Windows Update settings, click **Start**, click **Control Panel**, click **Windows Update**, and click **Change Settings**.
4. To schedule Windows backup, click **Start**, click **Control Panel**, click **Backup and Restore**, and click **Set up backup**.
5. To manage user accounts:
  - a. Click **Start**, right-click **Computer**, and select **Manage**.
  - b. On the Computer Management window, expand **System Tools**, expand **Local Users and Groups**, and expand **Users**.
6. Avoid using the resadmin administrator account for operations that do not require administrator privileges. To create a new, non-administrator user account:
  - a. Right-click the Users pane 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.
7. To create and provide an administrator account:
  - a. In the Users pane, right-click 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.

## Microsoft Windows Server 2008 R2

For servers using Microsoft Windows Server 2008 R2:

1. Log in to the operating system using the resadmin 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**.

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- b. On the Computer Management window, expand **Configurations**, expand **Local Users and Groups**, and expand **Users**.
  4. Avoid using the resadmin 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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# RES initialization

1. Log in to the operating system with an administrator account.
2. You can now:
  - Restore a database.
  - Configure the POS application.
  - Install credit card drivers. For installation files, navigate to:
    - Windows 7: E:\RES Software\
      - Windows Server 2008 R2: D:\RES Software\

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

3. You must install Adobe Reader before you can generate or read reports.
4. To enable context-sensitive help, you must download and run the following Microsoft Update patch:
  - Windows 7:  
<http://www.microsoft.com/downloads/en/details.aspx?displaylang=en&FamilyID=258aa5ec-e3d9-4228-8844-008e02b32a2c>
  - Windows Server 2008 R2:  
<http://www.microsoft.com/downloads/en/details.aspx?FamilyID=a83698ae-4ecb-4660-b402-2c5659dcb4ef>

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# Appendix A Initial Configurations

This chapter describes initial server configurations.

## Microsoft Windows 7

Setting	Description
Microsoft Updates	Not configured Windows Malicious Software Removal Toolx64 (kb890830) not installed
Clear Virtual Memory Pagefile on shutdown	Enabled
Autoplay	Disabled for resadmin Enabled for new accounts
Firewall	On
Restore Points	Disabled
Power control settings	
Turn off the display	Never
Put the computer to sleep	Never
Hard disk / Turn off hard disk after	Never
Wireless Adapter Settings / Power Saving Mode	Maximum Performance
Sleep / Sleep after	Never
Sleep / Allow hybrid sleep	Off
Sleep / Hibernate 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	Adjust for best performance
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)	Deselected

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Internet Protocol Version 4 (TCP/IPv4)	IP: 192.168.100.250 Subnet mask: 255.255.255.0
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
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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## Microsoft Windows Server 2008 R2

Setting	Description
Workgroup	WORKGROUP
Microsoft Updates	Not configured Windows Malicious Software Removal Toolx64 (kb890830) not installed
Clear Virtual Memory Pagefile on shutdown	Enabled
Autoplay	Disabled for resadmin 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

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PCI Express / Link State Power Management	Off
Performance Options	
Visual Effects	Adjust for best performance
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
Internet Information Services	Retail mode

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