

ZENworks 11 SP2

Test Scenarios for *Registration*

This document contains test scenarios for ZENworks 11 SP2 Beta 1.

Purpose of the Test Scenarios

The purpose of these exercises is to familiarize you with the some of new features included in Registration.

Assumptions

We assume that you have followed the instructions for installing ZENworks 11 SP2 by using the *ZENworks 11 SP2 Installation Guide* (<http://www.novell.com/documentation/beta/zenworks112>).

Test Scenarios

There are four beta test scenarios in this document:

1. [Creating Registration Rules using Filter Sets with 'OR' and 'AND' combinations](#)
2. [Exporting the Registration Rules using zman](#)
3. [Creating a MAC Address Filter in Registration Rules and Using the MAC Address to Name the Device](#)
4. [Importing Devices from a CSV File using zman](#)

Test Scenario #1: Creating Registration Rules using Filter Sets with 'OR' and 'AND' combinations

Objective:

To create registration rules that use the *OR* and *AND* conditions and then allow the Filter Sets to verify the combinations used.

Steps:

1. Log into the ZENworks Control Center as an administrator.
2. Click *Configuration > Registration*.
3. In Registration Rules, click *New* to launch the Create New Rule wizard.
4. Provide the name and description for the new rule. Click *Next*.
5. Click *Add Filter Set* to add a new filter set.
6. Click *Add Filter* to add some more filters to this filter set.

Repeat steps 5 and 6 to add another filter set.

7. Change the *Combine Filters Using* option to use *OR* instead of *AND*. Follow the on-screen prompts to complete the wizard.
8. Open the newly created registration rule.

Expected Results:

- ☐ The filters can now be grouped into filter sets.
- ☐ The individual filters can now be combined using OR condition.

Logs:

If you are unable to successfully perform the scenario, send us the `zcc.log` file.

Test Scenario #2: Exporting the Registration Rules using zman

Objective:

To export a registration rule by using the zman command.

Steps:

1. Ensure you have a registration rule added in your management zone.
2. Run the following zman command:

```
zman rsertf <registration rule name or position> <xml file path>
```

For example: `zman resrtf MyRegRule C:\RegRules\MyRegRule.xml`

Expected Results:

- ❑ The command should successfully generate the XML file.

Note:

- This XML file can now be used to create registration rules by using the `zman rsc` command. The older non-XML text format can still be used, but without the filter sets capability.
- This XML file can also be used to add filters and filter sets to an existing registration rule, by using the `zman rsar` command. Again, the older non-XML text format can still be used.

Logs:

If you are unable to successfully perform the scenario, send us the `zman.log` file.

Test Scenario #3: Creating a MAC Address Filter in Registration Rules and Using the MAC Address to Name the Device

Objective:

To create a registration rule that use a MAC Address filter, and verify that the device registration honors the rule. Also, using the MAC Address to name the device.

Steps:

1. Log into the ZENworks Control Center as an administrator.
2. Click *Devices*.
3. In Servers or Workstations, create a folder named *Test*, depending on the type of the device that will be registered.
4. Click *Configuration > Registration*.
5. In Registration Rules, click *New* to launch the Create New Rule wizard.
6. Provide the name and description for the new rule. Click *Next*.
7. Click *Add Filter*. Select *MAC Address* as the filter condition.
8. Specify the MAC address of the device that would be registered. Let the operator remain as 'Equal to'. Click *Next*.
9. Choose *Test* as the containment folder. Follow the on-screen prompts to complete the wizard.
10. Make sure this registration rule is first in the list of registration rules. To move this rule to the first position, use the *Move Up* option under *Advanced* in the registration rules list page.
11. Click *Configuration*.
12. In the Management Zone Settings, under Device Management, click *Registration*.
13. In the *Device Naming Template*, click the image button to list the naming templates available. Choose *\${MACAddress}*.

Additional text or symbols can be used as separators between multiple templates.
14. Click *OK* to save the naming template changes.
15. Register a ZENworks device to this server by using the *zac register* command:

```
zac register https://<ServerIP>
```

Expected Results:

- ❑ The device is registered and available under the `Test` folder. (This means that the MAC Address filter was matched and registration rule placed the device under `Test`).
- ❑ The device name contains the MAC Address as per the configured naming template.

Logs:

If you are unable to successfully perform the scenario, send us the `zcc.log` file.

Test Scenario #4: Importing Devices from a CSV File using zman

Objective:

To import devices into the management zone by using the zman command.

Steps:

1. Create a .CSV file with the following device details, occurring in the same order:
 - Version - the version must be “WS_1.0”
 - Host name
 - Serial number (*Optional*)
 - MAC address (*Optional*)

Note: The attributes must be separated by a comma (,) and each device entry must be on a new line.
2. Click *Configuration > Registration*.
3. In Registration Keys, click *New* and then select *Registration Key* to launch the *New Registration Key* wizard.
4. Generate the key code. Click *Next*.
5. Specify the device folder to be either *Workstations* or *Servers* depending on the type of devices you want to import by using the CSV file. Click *Next*. Follow the on-screen prompts to complete the wizard.
6. Run the following zman command:

```
zman rid <CSV file path> <registration key>
```

Expected Results:

- ❑ The devices listed in the CSV file will be successfully registered and imported under the Workstations or Servers folder, depending on the registration key used.
- ❑ If any device specified in the CSV file is already registered, then the import of that device will fail.

Logs:

If you are unable to successfully perform the scenario, send us the `zman.log` file.