

ZENworks 11SP3

Test Scenarios for ZENworks Reporting

This document contains test scenarios for ZENworks 11SP3 Beta.

Purpose of the Test Scenarios

The purpose of these exercises is to familiarize you with the new features of ZENworks Reporting. ZENworks Reporting is a reporting engine that can be configured to provide a report on the ZENworks zone. ZENworks Reporting can be installed on any server class machine (ZCM 11.3 supported server). This hosting machine may or may not be part of any ZENworks zone.

Assumptions

- You have followed the instructions for installing ZENworks Reporting by using the *ZENworks Reporting Installation guide* (<http://www.novell.com/documentation/zenworks113>).
- ZENworks Reporting has been installed by pointing to the existing ZENworks Server.
- SMTP outbound details were configured during ZENworks Reporting install.

Test Scenarios


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Test Scenario #1: Creating an Ad-Hoc Table Report

Objective

This scenario is used for creating Domain based Ad-Hoc Table report on ZENworks Reporting by using Ad Hoc Editor. A table report consists of columns, rows, and groups. Columns in a table correspond to the columns in the data source. They are included in the report by adding fields or measures to the table in the Ad-Hoc view. Rows in a table correspond to rows in the database. The information in each row depends on what columns are included in the table. For example, creating a tabular report on *<Windows Bundle>*.

Procedure

1. Log into the ZENworks Reporting as an administrator.
2. Click *Create > Ad Hoc View* to launch the Ad Hoc Editor.
3. In the Data Chooser panel, select *Domains*.
4. Click “+” to expand the treeview structure, then choose a ZCM data source (*Organization > Domains > ZENworks Domain*).
5. Click *Choose Data...*
6. Click *Fields* to select the fields (Bundles and Policies) of data to use.
7. Click *Pre-filters* to create filters to limit the data available in the Ad Hoc Editor. For example, define a filter on any field with the option prompting for input, or to compare fields. In the Selected Fields panel Choose *Bundles and Policies > Bundles > Bundle Type*. In the Filters panel, select *equals* from the Bundle Type drop-down and *Windows Bundle* from the other drop-down list.
8. Click *Display* then click the required fields to rename the fields that appear in the Ad Hoc Editor.
9. Click *Table*.
10. In the Fields panel, click “+” to expand the treeview structure, then double-click or drag the *Bundle Name*, *Folder Location*, and *Version* fields to *Columns* in the New Ad Hoc View panel.
11. Place your cursor on the  icon.
12. Select *Save Ad Hoc View and Create Report*.
13. Name the view as *Windows Bundle View* and the report as *Windows Bundle Report*.
14. Save the reports in *Organization > Reports > ZENworks > Custom Reports*.

Expected Results


- *<Windows Bundle>* report is saved in the *<Custom Reports Folder>*.
- This report can also be scheduled to email recipients in any supported format (PDF, Excel, CSV, DOCX, RTF, ODT, ODS, XLSX, and Flash).
- Any user who has read-only rights to the *<Custom Reports Folder>* is able to run the reports. To run the report, right-click the report and click Run.

Test Scenario #2: Creating an Ad-Hoc Crosstab Report

Objective

This scenario is used for creating Domain based Ad-Hoc Crosstab reports on ZENworks Reporting by using Ad Hoc Editor. Crosstabs are more compact representations than tables. Crosstabs display computed values for measure objects. For example, creating a crosstab report on *<Bundle Size>*.

Procedure

1. Log into the ZENworks Reporting as an administrator.
2. Click *Create > Ad Hoc View* to launch the Ad Hoc Editor.
3. In the Data Chooser panel, select *Domains*.
4. Click “+” to expand the treeview structure, then choose a ZCM data source (*Organization > Domains > ZENworks Domain*).
5. Click *Choose Data...*
6. Click *Fields* to select fields (Bundles and Polices) of data to use.
7. Click *Display* then click the required fields to rename the fields that appear in the Ad Hoc Editor.
8. Click *Crosstab*.
9. In the Fields panel, click “+” to expand the treeview structure, then double-click or drag the *Bundle Name* and *Folder Location* to Rows in the New Ad Hoc View panel.
10. In the Measure panel, click “+” to expand the treeview structure and double click or drag the *Bundle Size (KB)* to *Columns* in the New Ad Hoc View panel.
11. Place your cursor on the  icon.
12. Select *Save Ad Hoc View and Create Report*.
13. Name the view as *Bundle Size View* and the report as *Bundle Size Report*.
14. Save the reports in *Organization > Reports > ZENworks > Custom Reports*.

Expected Results

- *<Bundle Size>* report is saved in the *<Custom Reports Folder>*.
- This report can also be scheduled to email recipients in any supported format (PDF, Excel, CSV, DOCX, RTF, ODT, ODS, XLSX, and Flash).
- Any user who has read-only rights to the *<Custom Reports Folder>* is able to run the reports. To run the report, right-click the report and click Run.



Test Scenario #3: Creating an Ad-Hoc Chart Report

Objective

This scenario is used for creating Domain based Ad-Hoc Chart reports on ZENworks Reporting by using Ad Hoc Editor. Charts summarize data graphically. Types of charts are column chart, bar chart, line chart, area chart, and pie chart.

For example, creating a report on *<Managed Device – OS Info>*.

Procedure

1. Log into the ZENworks Reporting as an administrator.
2. Click *Create > Ad Hoc View* to launch the Ad Hoc Editor.
3. In the Data Chooser panel, select *Domains*.
4. Click “+” to expand the treeview structure, then choose a ZCM data source (*Organization > Domains > ZENworks Domain*).
5. Click *Choose Data...*
6. Click *Fields* to select fields (ZENworks System) of data to use.
7. Click *Chart*.
8. In the Fields panel, expand *ZENworks System > Managed Device Status* and double click or drag the *Device Type* and *OS Product Name* to Rows.
9. In the Measures panel, expand *ZENworks System > Managed Device Status* and double click or drag the *Managed device count* to Columns.
In the Filters panel, the Data Level area appears with Columns and Rows slider.
10. In the Ad-Hoc View panel, click  to view the *Canvas Options*.
11. Click *Chart Types...* then select *Pie*.
12. Use the sliders to view the changes in the chart.
13. Place your cursor on the  icon.
14. Select *Save Ad Hoc View and Create Report*.
15. Name the view as *Managed Device -OS Info* and the report as *Managed Device -OS Info Report*.
16. Save the reports in *Organization > Reports > ZENworks > Custom Reports*.

Expected Results

- *<Managed Device -OS Info>* report is saved in the *<Custom Reports Folder>*.
- This report can also be scheduled to email recipients in any supported format (PDF, Excel, CSV, DOCX, RTF, ODT, ODS, XLSX, and Flash).
- Any user who has read-only rights to the *<Custom Reports Folder>* is able to run the reports. To run the report, right-click the report and click Run.

Test Scenario #4: Viewing and Executing Ad-Hoc Views

Objective

View the existing adhoc views and charts and execute them. These adhoc views can be modified and saved with different names.

Procedure

1. Log into ZENworks Reporting as administrator or any user who has rights.
2. Click *View > Repository*.
3. In the Folder panel, click *Organization* “+” to expand the treeview structure, then choose an adhoc view (*Organization > Reports > ZENworks > Custom Reports*).
4. Double-click the required adhoc view.

Expected Results

- The adhoc view is displayed.

Test Scenario #5: Running Canned Reports

Objective

Run Canned Reports (Predefined Reports) in ZENworks Reporting. The canned reports include report definitions for Bundles, Policies, Patch Management, EndPoint Security, Discovered Devices, Asset Management, and ZENworks System.

Procedure

1. Log into ZENworks Reporting as admin or any user who has rights.
2. Click *View > Repository*.
3. In the Folder panel, click *Organization* “+” to expand the treeview structure, then choose a predefined report (*Organization > Reports > ZENworks > Predefined Report*).
4. Click the required predefined report.
5. Some reports might have input controls. You must specify input controls before running the report.

Expected Results

- The report is generated.
- The generated report exported to various formats.

Test Scenario #6: Scheduling a Report

Objective

Schedule a report in ZENworks Reporting.

Procedure

1. Log into ZENworks Reporting as admin.
2. On the Home page, click *View Reports* or click *View >Repository*.
3. Use the Search field to search for a report or browse the list of reports from *Predefined Reports* or *Custom Reports*.
4. Right-click the report, then select *Schedule...*
5. Click *Schedule Job*.
6. In the *Job Name* field, specify a name for the job. For example, Weekly Report.
7. Set the schedule attribute to *Immediately*.
8. Click *Next*.
 - 8.a. If the report you are scheduling has input controls it prompts for input.
 - 8.b. If there are any Saved values, they appear in a drop-down list at the top of the *Set the Parameter Values* page. In the *Use saved values* drop-down list, you can set the input controls defined for the report that you are scheduling. You can set the input values for the scheduled report, then click *Save Current Values* to save the input value as a named set of values.
9. Choose a set of saved values, or set the input controls.
10. Click *Next*.
11. You can set the following output options in the Output Settings page
 - *To*: One or more e-mail addresses separated by commas.
 - *Subject* : Report Name
 - *Message* : Content of the notification email.
 - *Attach Files*: Select this check box.
12. Click *Submit*.

Expected Results

- The email recipient receives the mail from ZENworks Reporting.
- The email contains the message that was configured during report scheduling
- The e-mail contains a PDF attachment of the report instance.

Test Scenario #7: Creating or Managing ZENworks Reporting Roles

Objective

Creating or managing a role in ZENworks Reporting and assigning rights to ZENworks Reporting resources for users belonging to this role.

Procedure

1. Log into ZENworks Reporting as a user who belongs to LDAP group, then log out.
For example: “a” is a user belongs to LDAP group “group-a”.
2. Log in as admin user.
3. Click *Manage > Roles*.
4. The 'ROLE_group-a' is created as a new role, with one member 'a' already belonging to it.
Note: Any user who belongs to the same LDAP group after the initial log into ZENworks Reporting will be added to this ZENworks Reporting role (ROLE_group-a).
5. Click *View > Repository*.
6. In the Folders panel, right-click *Organization > Permissions*, then assign *read-only* permissions to ROLE_group-a.
Note: Permissions must be provided at role level only and not at user level.
7. Go to the Bundles and Policies folder (*View > Repository > Organization > Reports > ZENworks > Predefined Report > Bundles and Policies folder*).
8. Right-click the *Bundles and Policies* folder, then choose the permissions.
9. Change the assigned rights to 'ROLE_group-a' to *no access*.
10. Log into ZENworks Reporting as user 'a'.

Expected Results

- The user is able to navigate to any folder except the *<Bundles and Policies>* folder, and run reports.
- The *<Bundles and Policies>* folder is hidden.
- Any user who belongs to the same LDAP group (group-a) is able to log into ZENworks Reporting. This user shares the same rights that user 'a' has on ZENworks Reporting resources.