

Simple Guide to scan a subnet

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In order to scan a subnet, create a task by following steps given below:

1. In the console tree, click **Configurations > Credentials**.
Credentials pane appears on the right side. Refer to Figure 1.
2. Click **Add Credentials**.

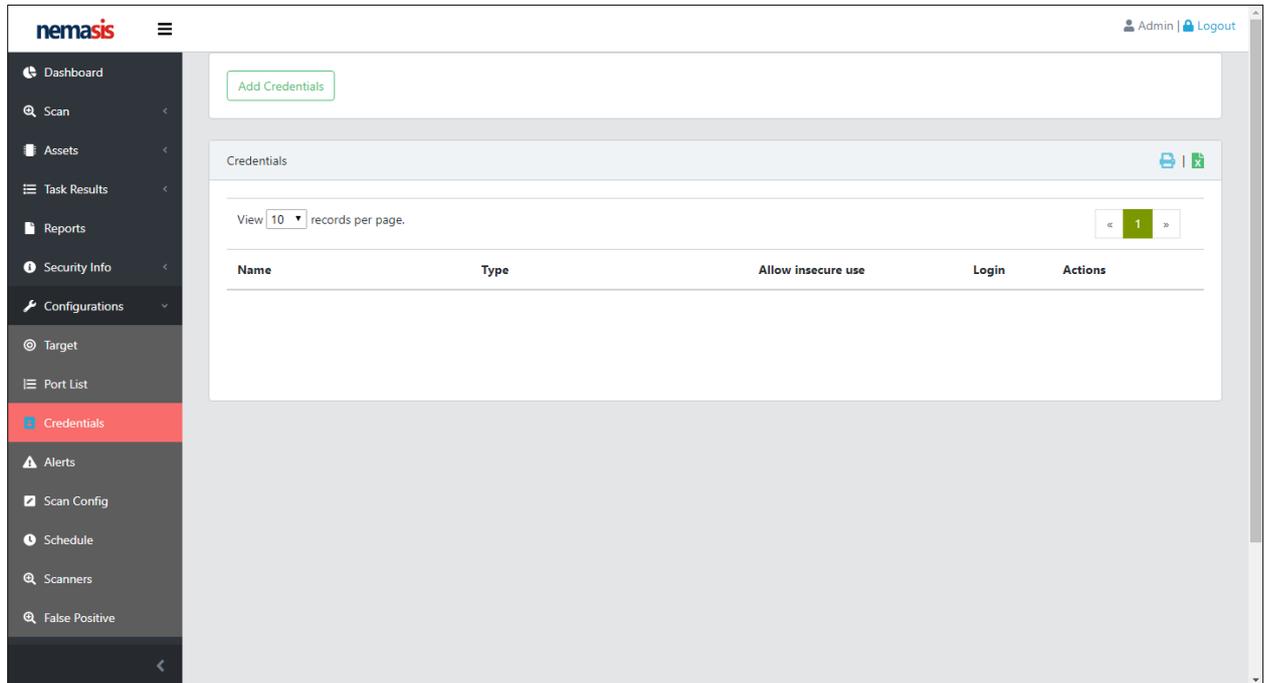


Figure 1

- Add Credential pop-up window appears. Refer to Figure 2.
3. Enter name in the **Name** field and click **Type** dropdown to select the type of authentication for login.
 4. Enter the Username and Password in the **Username** and **Password** fields and then click **Add Credential**.

The screenshot shows a pop-up window titled "Add Credential" with a close button (X) in the top right corner. The window contains the following fields and controls:

- Name*:** A text input field.
- Comment:** A text area with a double-slash icon at the bottom right.
- Type:** A dropdown menu currently showing "Username+Password".
- Allow Insecure Use :** A checkbox labeled "NO" which is currently unchecked.
- Auto-generate :** A checkbox labeled "NO" which is currently unchecked.
- Username*:** A text input field.
- Password*:** A text input field.
- Add Credential:** A green button at the bottom left.

Figure 2

New credential is added. Refer to Figure 3.

| Name | Type | Allow insecure use | Login | Actions |
|--------------|--------------------------|--------------------|-------|---|
| Credential 1 | username + password (up) | No | test |    |

Figure 3

- In the Configurations dropdown, click **Target**.
Target pane appears on the right side. Refer to Figure 4.
- Click **Add Target**.

| Name | Host | IPs | Port List | Credentials | Actions |
|------|------|-----|-----------|-------------|---------|
|------|------|-----|-----------|-------------|---------|

Figure 4

- New Target form appears on right pane. Refer to Figure 5.
7. Enter a name in the **Name** field and subnets/IP addresses in the **Host** field.
 8. In the **Credentials for authenticated checks**, click **SMB** dropdown (If you have credential for SMB authentication), select the credential and then click **Add**.

The screenshot shows the 'New Target' form in the Nemasis interface. At the top right, there is a user profile 'Admin' and a 'Logout' link. Below that is a 'View Target' button. The main form area is titled '+ New Target'. It contains the following fields and controls:

- Name*:** A text input field.
- Comment:** A larger text area for notes.
- Host:** A text input field with a 'MANUAL' indicator and a green checkmark.
- Exclude Host:** A text input field with a 'MANUAL' indicator and a green checkmark.
- Reverse Lookup Only:** A checkbox labeled 'NO'.
- Reverse Lookup Unify:** A checkbox labeled 'NO'.
- Port List:** A dropdown menu currently showing 'nemasis Default'.
- Alive Test:** A dropdown menu currently showing 'Scan Config Default'.
- Credentials for authenticated checks:** A section with four dropdown menus:
 - SSH:** Shows '--' and a port number '22'.
 - EXSI:** Shows '--'.
 - SMB:** Shows '--'.
 - SNMP:** Shows '--'.

An 'Add' button is located at the bottom left of the form. The footer of the page reads 'MicroWorld Technologies Inc. © 2018.'

Figure 5

New target is added. Refer to Figure 6.

| Name | Host | IPs | Port List | Credentials | Actions |
|----------|------|-----|-----------------|--------------------|---------|
| Target 1 | | 1 | nemasis Default | SMB : Credential 1 | |

Figure 6

9. In the console tree, click **Scan > Task**.

Task pane appears on the right side. Refer to Figure 7.

| Task Name | Status | Report | Last Report | Severity | Trend | Actions |
|-----------|--------|--------|-------------|----------|-------|---------|
|-----------|--------|--------|-------------|----------|-------|---------|

Figure 7

10. Click **Add Task**.

Add New Task form appears on right pane. Refer to Figure 8.

11. In the **Basic** tab, fill up the **Name** and **Description** fields.

The screenshot shows the 'Add New Task' form with the 'Basic' tab selected. The form contains the following fields and controls:

- Name*:** A text input field.
- Description:** A text area with a small icon in the bottom right corner.
- Add Result to Asset:** A checked checkbox.
- Alterable Task:** A checked checkbox.
- Min. QoD*:** A text input field containing '70' followed by a '%' symbol.
- Auto Delete Reports:** A section with two radio buttons:
 - Do not automatically delete reports
 - Automatically delete oldest reports but always keep newest
- Count:** A text input field containing '5'.

An 'Add Task' button is located at the bottom left of the form.

Figure 8

12. Click **Targets and Alerts** tab, click **Scan Targets** dropdown, select a target and then click **Add Task**. Refer to Figure 9.

The screenshot shows the 'Add New Task' form with the 'Target and Alerts' tab selected. The form contains the following fields and controls:

- Scan Targets:** A dropdown menu with a '+' icon to its right.
- Alerts:** A list box with a '+' icon to its right.
- Schedule:** A dropdown menu with a '+' icon to its right.

An 'Add Task' button is located at the bottom left of the form.

Figure 9

The new task will be added in the Current Tasks list. Refer to Figure 10.

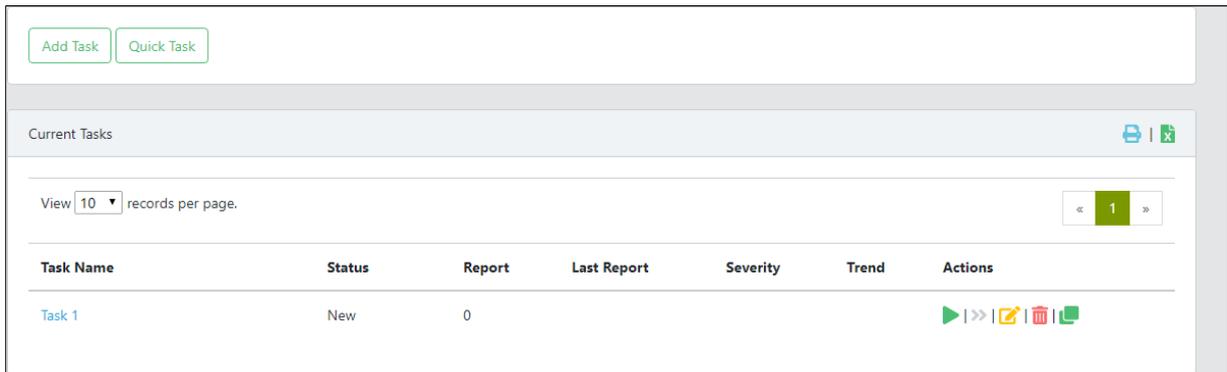


Figure 10

13. In the **Actions** column, click ▶ to start the task.

14. Click **Reports** to view the detailed report of the task. Refer to Figure 11.

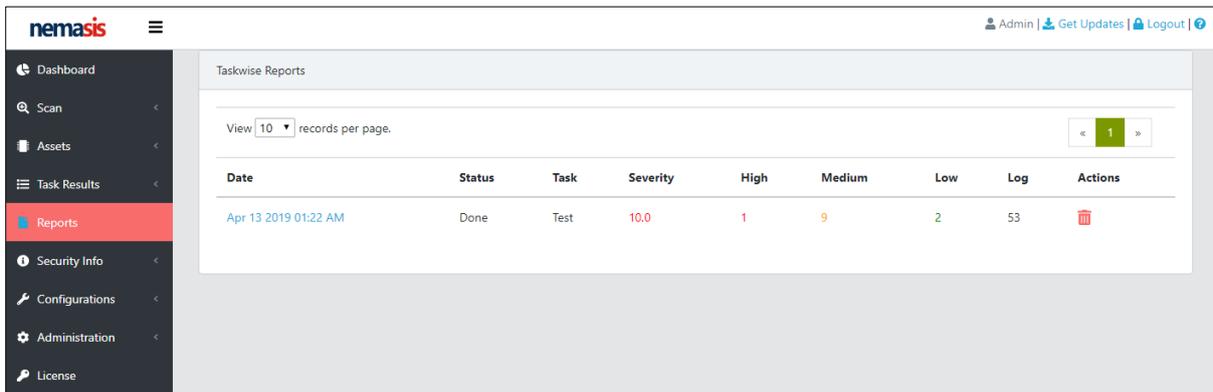


Figure 11