



## How-to Guide: Tenable Tenable.sc for Lieberman

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Last Revised: April 02, 2020

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# Welcome to Tenable.sc for Lieberman

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This document provides information and steps for integrating Tenable.sc with Lieberman.

Security administrators know that conducting network vulnerability assessments means getting access to and navigating an ever-changing sea of usernames, passwords, and privileges. By integrating Tenable.sc with Lieberman, customers have more choice and flexibility.

The benefits of integrating Tenable.sc with Lieberman include:

- Credentials update directly in Tenable.sc, requiring less management.
- Reduced time and effort documenting where credentials are stored in the organizational environment.
- Automatic enforcement of security policies in specific departments or business unit requirements, simplifying compliance.
- Reduced risk of unsecured privileged accounts and credentials across the enterprise.

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# Integrations

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The Lieberman system can be configured using either Windows or SSH. Full database support is also provided. Click the corresponding link to view the configuration steps.

[Windows Integration](#)

[SSH Integration](#)

[Database Integration](#)

[Add Credential to the Scan](#)

# Windows Integration

Before you begin:

**Caution:** You must create an **Explicit Account** under **Delegation > Delegation Identities** in Lieberman. For additional information on how to create an Explicit Account, see the Explicit Accounts section in the [Lieberman RED Identity Management Administrator's Guide](#).

To integrate with Windows:

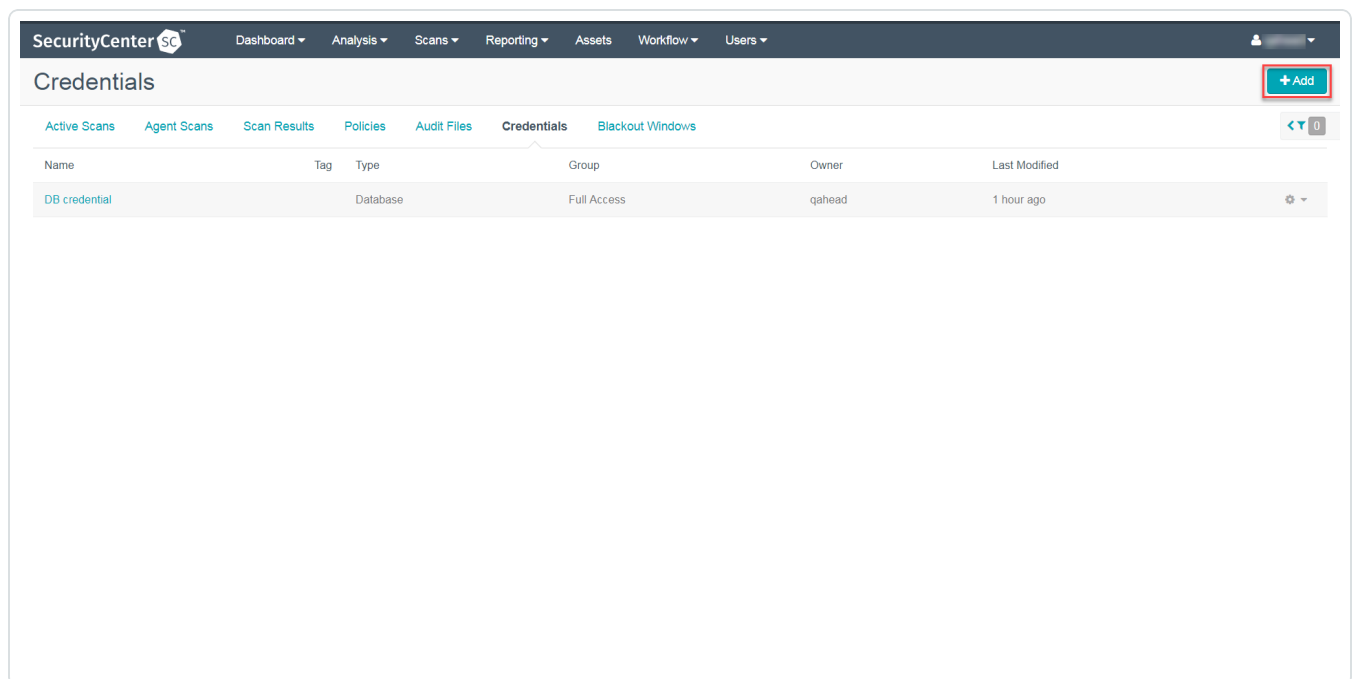
1. Log in to Tenable.sc.
2. In the top navigation bar, click **Scanning**.

A drop-down appears.

3. Click **Credentials**.

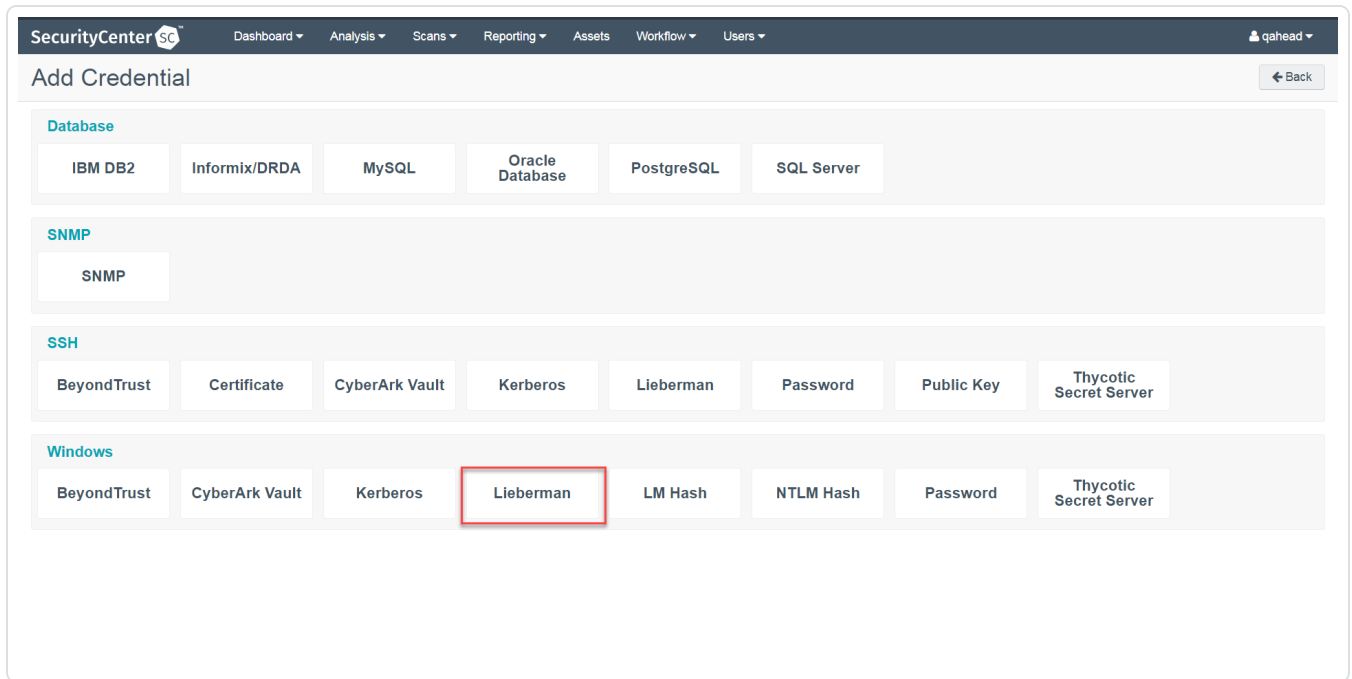
The **Credentials** window opens.

4. Click the **+ Add** button.

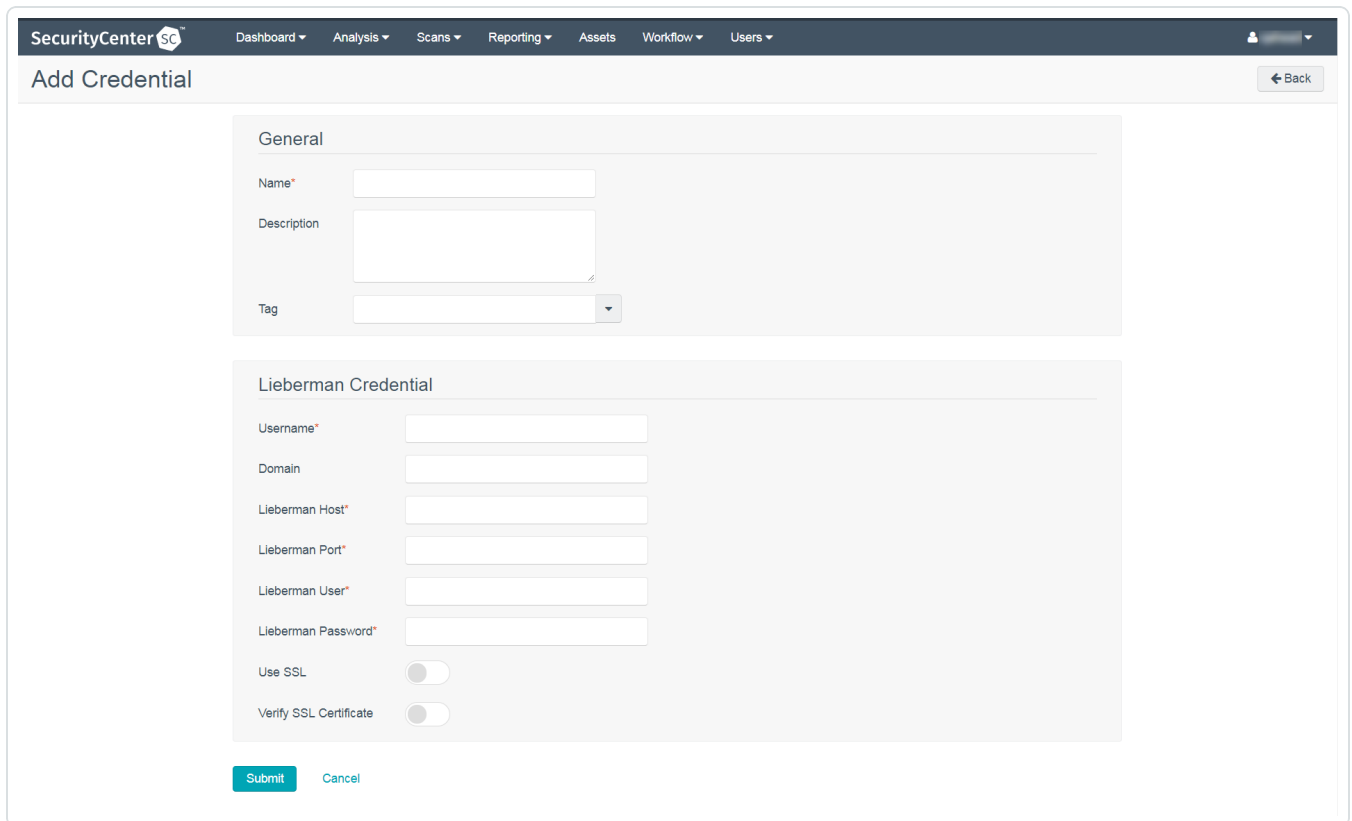


The **Add Credential** window opens.

5. In the **Windows** section, click **Lieberman**.



The **Add Credential** configuration page appears.



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6. In the top section, enter a descriptive **Name** (required) , **Description** (optional), and **Tag** (optional).
7. Configure each field for **Windows** authentication. See [Tenable.sc User Guide](#) to get detailed descriptions for each option.
8. Click **Save**.
9. Next, follow the steps for [adding the credential to a scan](#).

# SSH Integration

Before you begin:

**Caution:** You must create an **Explicit Account** under **Delegation > Delegation Identities** in Lieberman. For additional information on how to create an Explicit Account, see the Explicit Accounts section in the [Lieberman RED Identity Management Administrator's Guide](#).

To integrate with SSH:

To configure a **SSH** credentialed network scan with Lieberman:

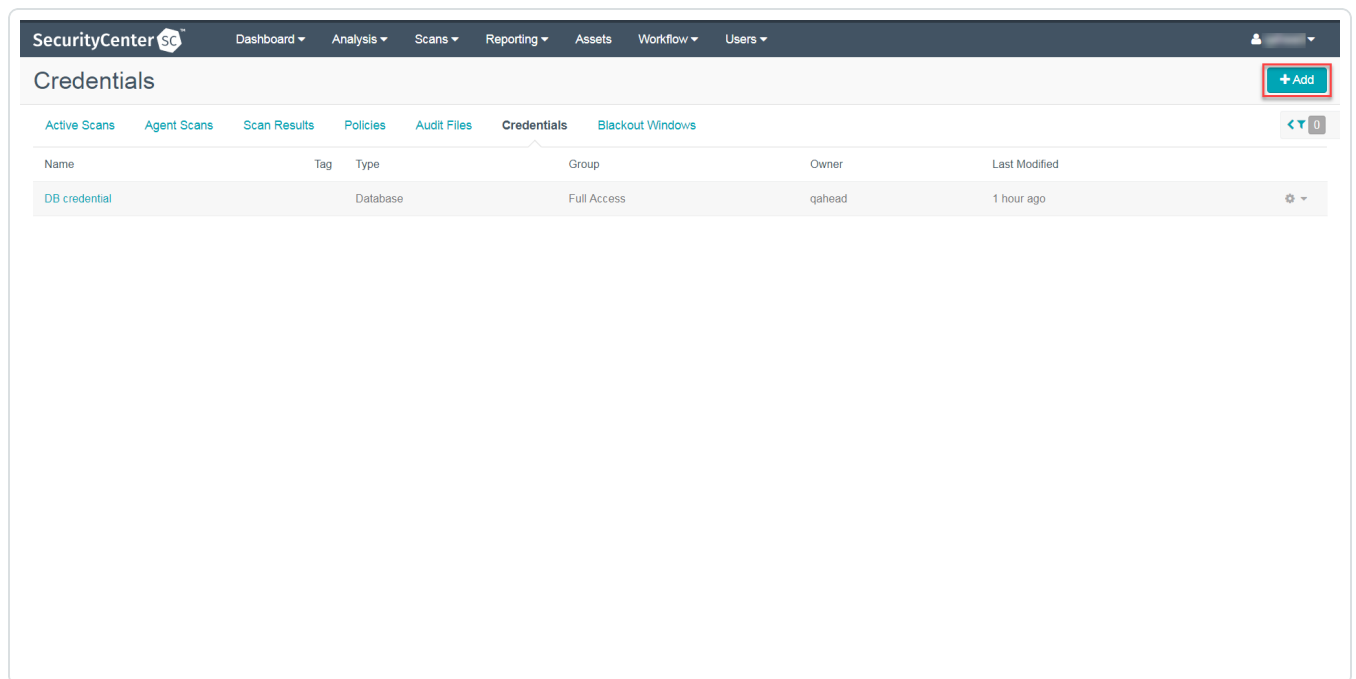
1. Log in to Tenable.sc.
2. In the top navigation bar, click **Scanning**.

A drop-down appears.

3. Click **Credentials**.

The **Credentials** window opens.

4. Click the **+ Add** button.



The **Add Credential** window opens.



5. In the SSH section, click **Lieberman**.

The screenshot shows the 'Add Credential' page in the SecurityCenter interface. The page has a dark header with the SecurityCenter logo and navigation menus for Dashboard, Analysis, Scans, Reporting, Assets, Workflow, and Users. A user profile 'qahead' is visible in the top right. Below the header, the page title 'Add Credential' is displayed with a 'Back' button. The main content area is divided into four sections: Database, SNMP, SSH, and Windows. Each section contains a grid of buttons representing different credential types. In the SSH section, the 'Lieberman' button is highlighted with a red rectangular box. Other buttons in the SSH section include BeyondTrust, Certificate, CyberArk Vault, Kerberos, Password, Public Key, and Thycotic Secret Server. The Windows section includes BeyondTrust, CyberArk Vault, Kerberos, Lieberman, LM Hash, NTLM Hash, Password, and Thycotic Secret Server.

The **Add Credential** configuration page appears.

The screenshot shows the configuration page for a Lieberman credential. The page title is 'Add Credential' with a 'Back' button. The configuration is organized into two main sections: 'General' and 'Lieberman Credential'. The 'General' section includes a 'Name\*' text input field, a 'Description' text area, and a 'Tag' dropdown menu. The 'Lieberman Credential' section includes several required text input fields: 'Username\*', 'Lieberman Host\*', 'Lieberman Port\*', 'Lieberman User\*', and 'Lieberman Password\*'. Below these fields are two toggle switches: 'Use SSL' and 'Verify SSL Certificate', both currently turned off. At the bottom of the page, there are 'Submit' and 'Cancel' buttons.

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6. In the top section, enter a descriptive **Name** (required) , **Description** (optional), and **Tag** (optional).
7. Configure each field for **SSH** authentication. See the [Tenable.sc User Guide](#) to get detailed descriptions for each option.
8. Click **Save**.
9. Next, follow the steps for [adding the credential to a scan](#).

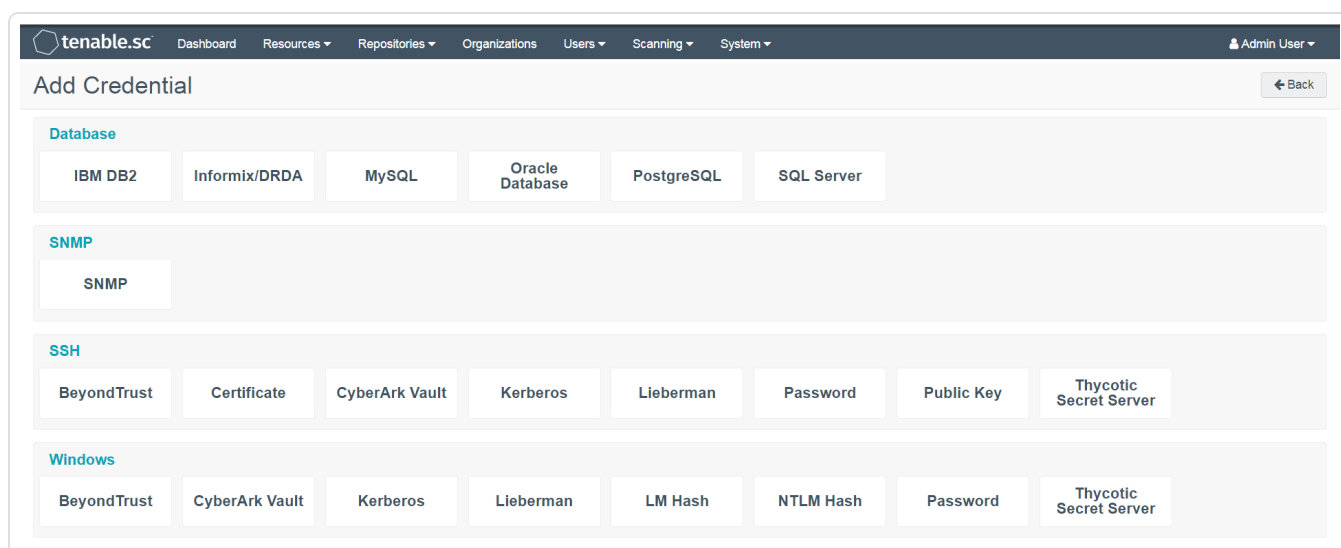
# Configure Database Integration

Tenable.sc provides full database support for Lieberman. Enable the plugins in the scanner to display them in the output.

To configure database integration:

1. Log in to Tenable.sc.
2. Click **Scanning > Credentials**.  
The **Credentials** page appears.
3. Click **+Add** at the top of the screen.  
The **Add Credential** page appears.

4. In the **Database** section, click **Oracle Database**.



The **Add Credential** page appears.

5. In the **Name** field, type a descriptive name.
6. (Optional) In the **Descriptionn** field, type a description.
7. (Optional) In the **Tag** drop-down, select a tag.
8. In the **Authentication Method** drop-down, select **Lieberman**.

The **Lieberman** options appear.

The screenshot shows the 'Add Credential' page in the Tenable.sc interface. The page is titled 'Add Credential' and has a 'Back' button in the top right corner. The main content is divided into two sections: 'General' and 'Oracle Database Credential'.

**General Section:**

- Name\*: New\_Scan\_Lieberman
- Description: (empty text area)
- Tag: (empty dropdown menu)

**Oracle Database Credential Section:**

- Authentication Method: Lieberman (dropdown menu)
- Username\*: (empty text input)
- Port: 1521 (text input)
- Authentication: Normal (dropdown menu)
- Service Type: SID (dropdown menu)
- Service: (empty text input)
- Lieberman Host\*: (empty text input)
- Lieberman Port\*: (empty text input)
- Lieberman User\*: (empty text input)
- Lieberman Password\*: (empty text input)
- Use SSL: (toggle switch, currently off)
- Verify SSL Certificate: (toggle switch, currently off)
- System Name: (empty text input)

At the bottom of the form, there are two buttons: 'Submit' (in a blue box) and 'Cancel'.

9. Configure each option for the **Oracle Database** authentication. See the [Database Credentials](#) section in the Tenable.sc User Guide to get detailed descriptions for each option.

10. Click **Submit**.

What to do next:

- Next, follow the steps to [Add a Credential to a Scan](#).

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# Enable Database Plugins

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To enable database plugins:

1. Complete the steps on the [Configure Options Plugin](#) page in the Tenable.sc User Guide.

See the chart for database plugin types and corresponding IDs.

Plugin Type	Plugin ID
MSSQL	91827
Oracle	91825
MySQL	91823
PostgresSQL	91826

2. Click **Save**.

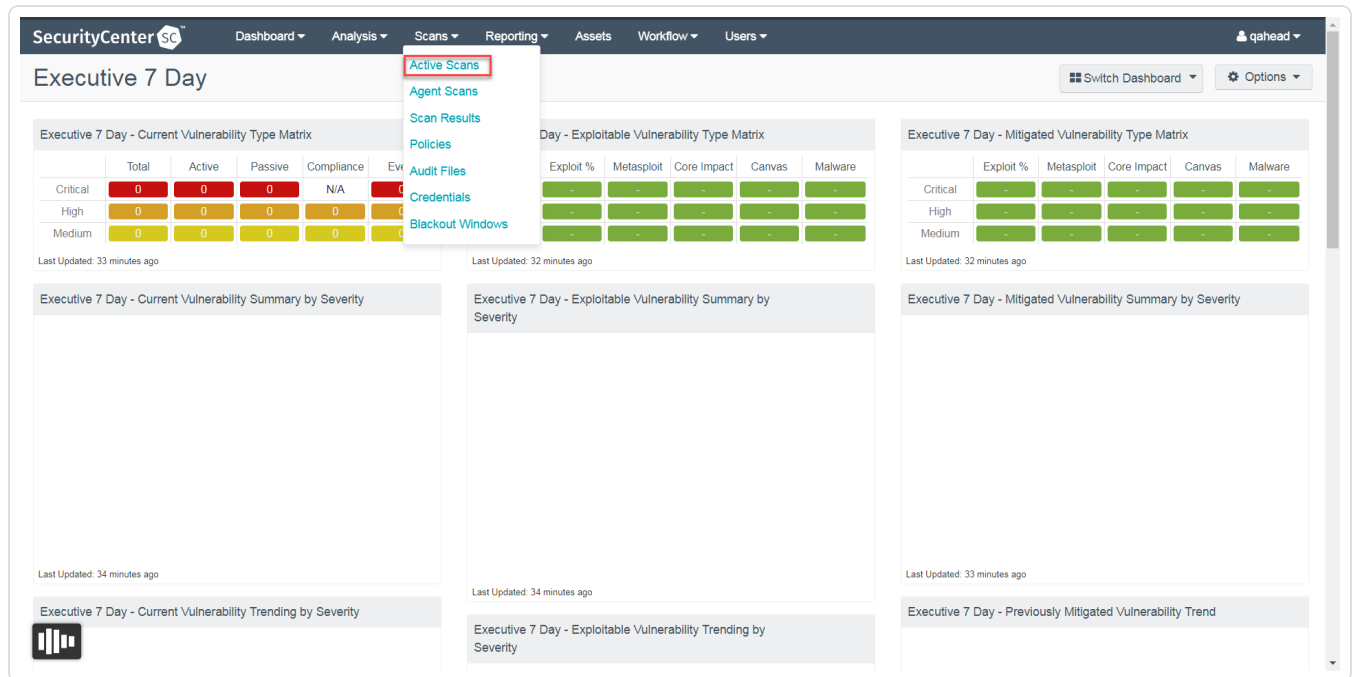
# Add a Credential to a Scan

To add a Lieberman credential to a scan:

1. In the top navigation bar in Tenable.sc, click **Scans**.

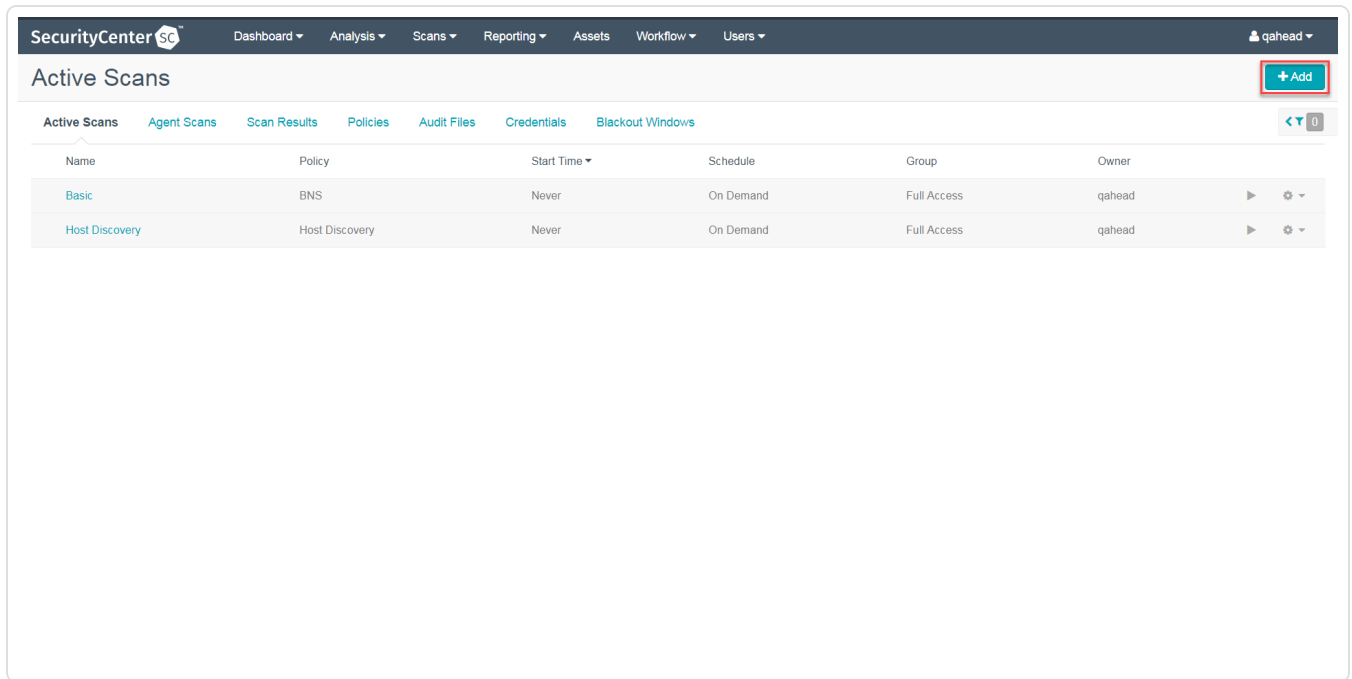
A drop-down appears.

2. Select **Active Scans**.



The **Active Scans** window appears.

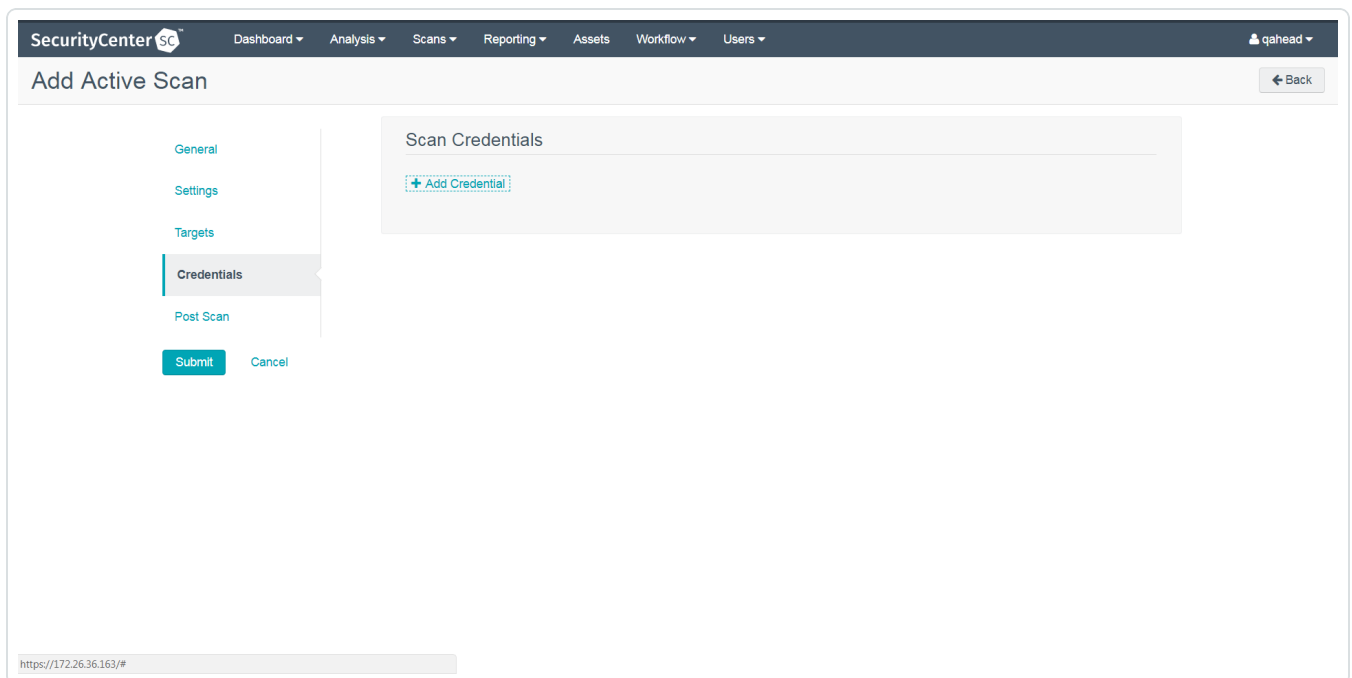
3. In the top right corner, click **+Add**.



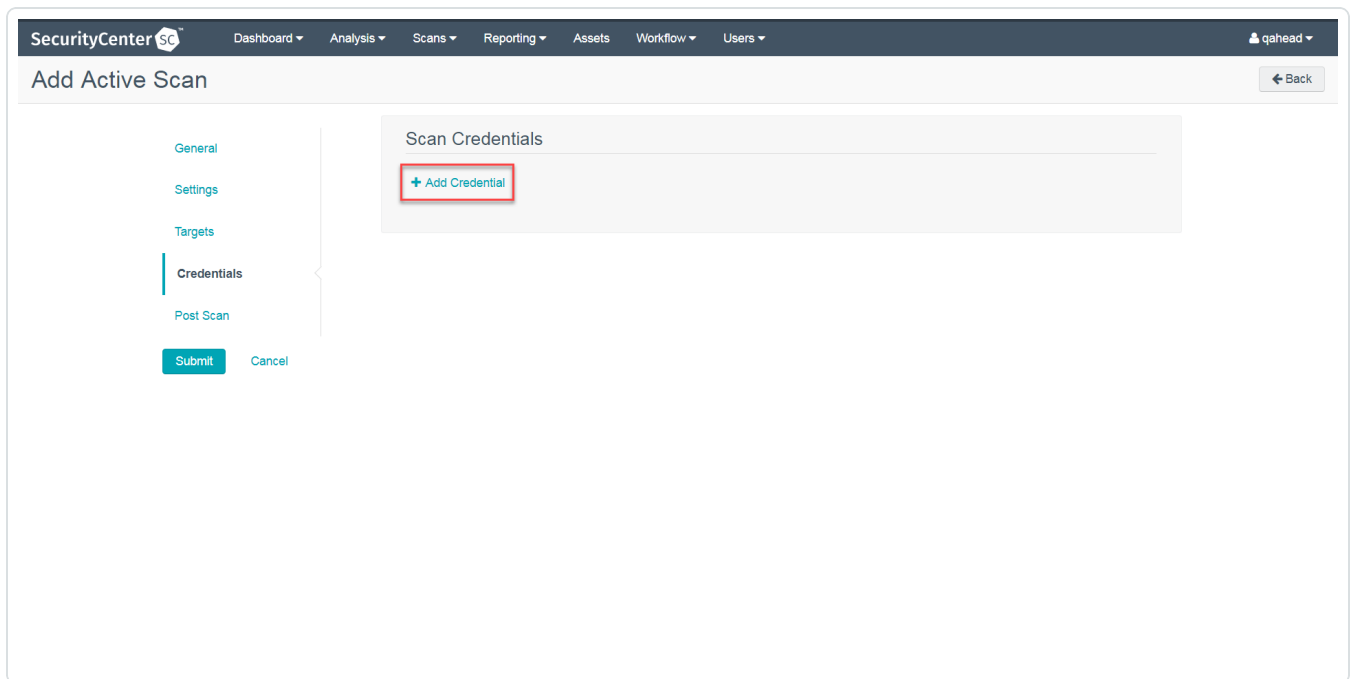
The **Add Active Scan** window appears.

4. In the left column, click **Credentials**.

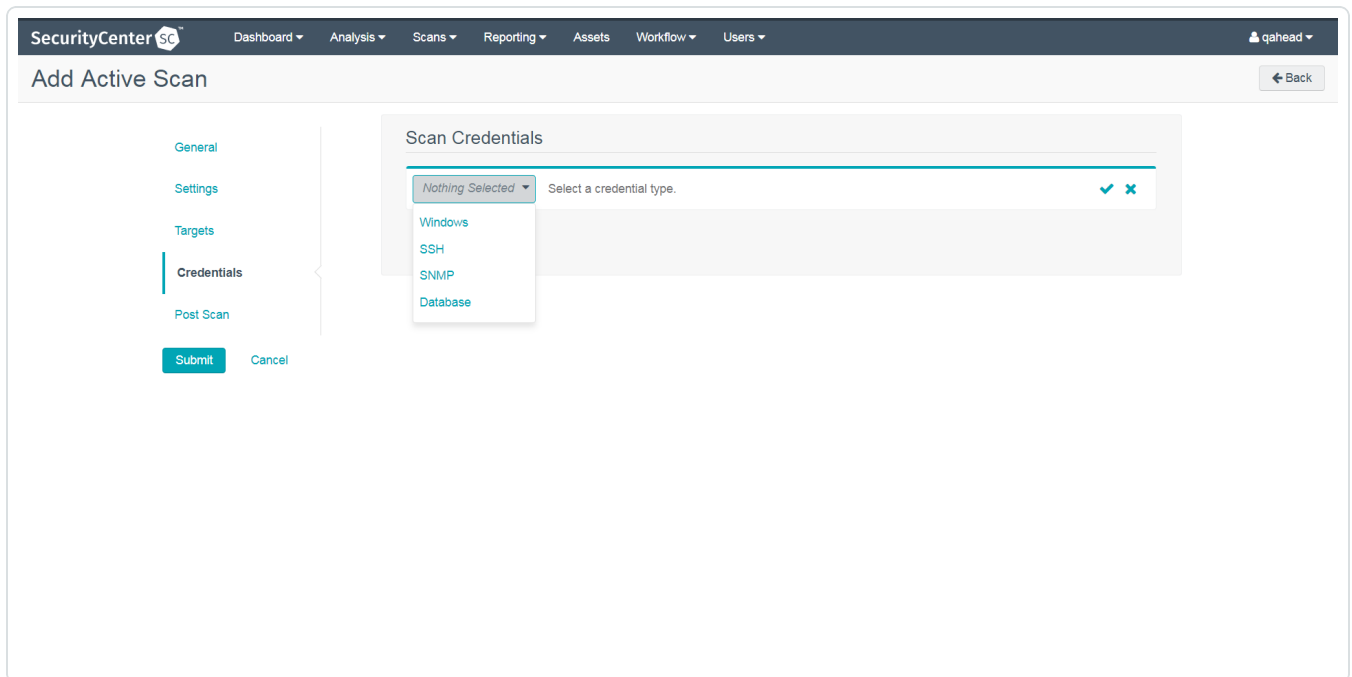
The **Scan Credentials** section appears.



5. In the **Scan Credentials** section, click **+Add Credential**.



A drop-down appears.

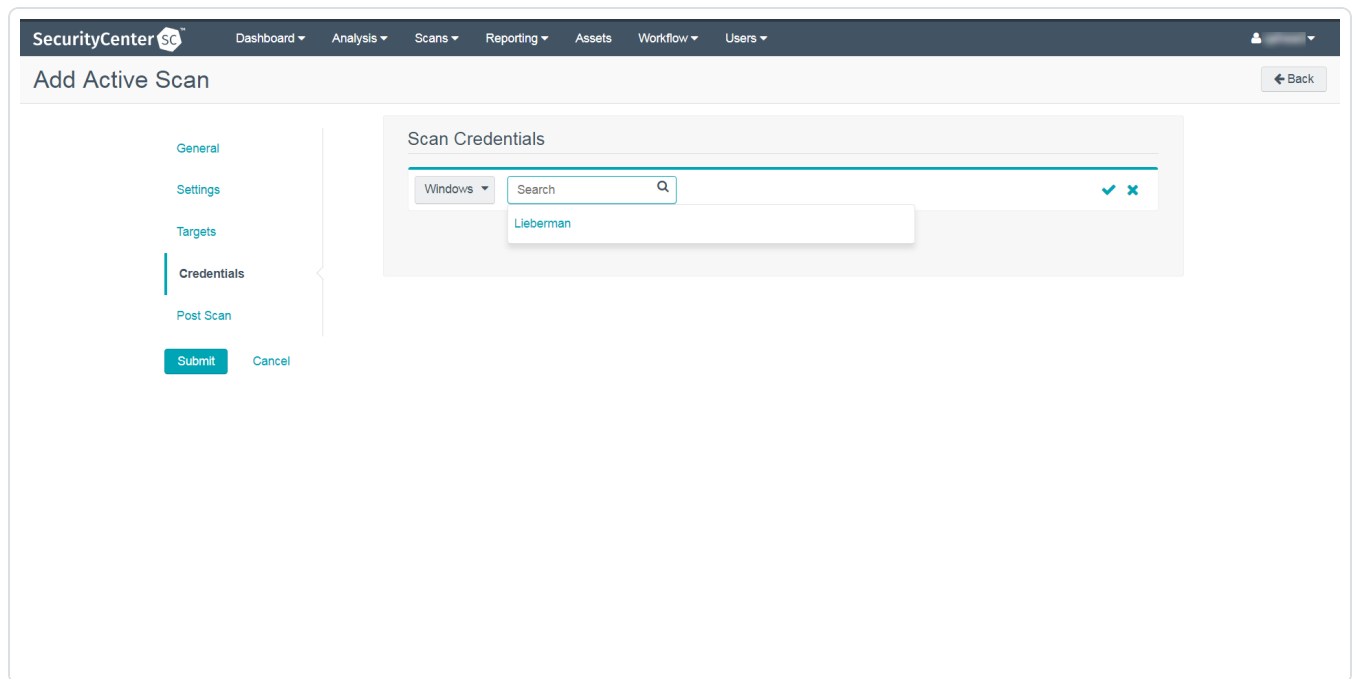


6. Select the system type.

The **Select Credential** option appears.



## 7. Click **Select Credential**.



A drop-down appears.

8. Select the previously created credential.
9. Enter information for the **General**, **Settings**, **Targets**, and **Post Scan** sections.
10. Click **Submit**.

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# Additional Information

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[Lieberman System](#)

[About Tenable](#)

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# Lieberman System

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For additional information and documentation about the Lieberman system, go to <https://liebsoft.com/support/documentation/>.

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## About Tenable

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Tenable transforms security technology for the business needs of tomorrow through comprehensive solutions that provide continuous visibility and critical context, enabling decisive actions to protect your organization. Tenable eliminates blind spots, prioritizes threats, and reduces exposure and loss. With more than one million users and more than 20,000 enterprise customers worldwide, organizations trust Tenable for proven security innovation. Tenable's customers range from Fortune Global 500 companies, to the U.S. Department of Defense, to mid-sized and small businesses in all sectors, including finance, government, healthcare, higher education, retail, and energy. Transform security with Tenable, the creators of Nessus and leaders in continuous monitoring, by visiting [tenable.com](https://tenable.com).