Tenable.sc and BeyondTrust PowerBroker Password Safe Integration Guide

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Welcome to Tenable.sc for BeyondTrust

This document describes how to configure Tenable.sc for integration with the BeyondTrust Power-Broker Password Safe.

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 BeyondTrust with Tenable.sc, customers have more choice and flexibility.

The benefits of integrating Tenable.sc with BeyondTrust include:

- Credential updates 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.
Integrations

Configure BeyondTrust with either Windows or SSH. Click the corresponding link to view the configuration steps.

Windows Integration

SSH Integration

Add Credential to a Scan
Windows Integration

To configure a Windows credentialed network scan with BeyondTrust:

1. Log in to Tenable.sc.

2. In the top navigation bar, click Scans.
   
   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 BeyondTrust.
The **Add Credential** configuration page appears.
6. In the top section, enter a descriptive **Name** (required), **Description** (optional), and **Tag** (optional).

7. Configure each field for **Windows** 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.
SSH Integration

To configure an SSH credentialed network scan with BeyondTrust:

1. Log in to Tenable.sc.

2. In the top navigation bar, click **Scans**.
   
   A drop-down appears.

3. Click **Credentials**.
   
   The **Credentials** window appears.

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

   ![Credentials Window](image)

   The **Add Credential** window appears.

5. In the SSH section, click **BeyondTrust**.
The **Add Credential** configuration page appears.
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**.
Add the BeyondTrust Credential to a Scan

To add the BeyondTrust credential to the scan:

1. In the top navigation bar of Tenable.sc, click **Scans**.
   
   A drop-down appears.

2. Select **Active Scans**.

   ![Active Scans window](image)

   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**.

![Add Active Scan](image)

A drop-down appears.

![Select Credential](image)

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**.
API Configuration

API Keys Setup

Enable API Access
### API Keys Setup

#### Steps

1. Log in to **BeyondInsight**.

2. Click **Configuration**.

3. Click **API Registration**.
4. Configure the **source addresses** that are white listed requests.

5. Click **Save**.

**Note:** Once saved, the API Key is available for future requests.
Enable API Access

To enable API Access:

1. Log in to BeyondInsight.
2. Go to Managed Accounts.
3. Click Edit Account.
4. Click **Enable for API Access**.
Additional Information

Elevation

Customized Report

About Tenable
Elevation

**Elevation** is used in BeyondInsight to handle privilege escalation for SSH accounts when performing scans. This option is used because some rules won’t allow server login using root. The **Elevation** can be enforced on BeyondInsight at system level or account level.
Customized Report

You can build a customized report in BeyondInsight to import hosts from a CSV to scan in Tenable.sc. The customized report defines the information needed for Tenable.sc uploads.

To build the report:

1. Log in to BeyondInsight.
3. Select the Parameters.

**Note:** This report can be run on any of your previous discovery scans, exported as a CSV, and uploaded as scan targets in Tenable.sc.
About Tenable

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.