BeyondTrust

Privileged Remote Access
PortalGuard Integration Guide

TC:3/4/2024

Table of Contents

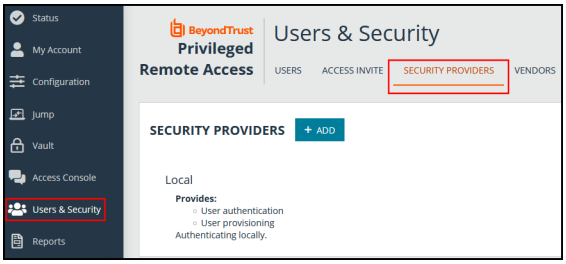
Integrate BeyondTrust Privileged Remote Access with PortalGuard

Integrating BeyondTrust Privileged Remote Access with Bio-key PortalGuard's Identity and Access Management platform provides multi-factor authentication with Identity-Bound Biometrics. Bio-key portal guard allows for biometric support including voice recognition, which provides a flexible yet very secure gate keeper in front of BeyondTrust Privileged Remote Access. At login time, it asks the user to repeat specific words or numbers, and matches the voice patterns. Implementing steps like these helps enforce stronger security and compliance.

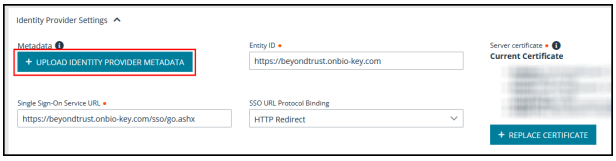
Configure Privileged Remote Access for Integration with PortalGuard

Configuration of this integration requires obtaining a file from PortalGuard, and then following these steps in BeyondTrust Privileged Remote Access:

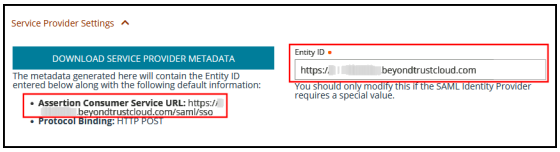
1. Sign in to PortalGuard.
2. Download your PortalGuard metadata by navigating to the following page: https://{YOUR-PG-SITE}.onbio-key.com/sso/metadata.ashx.
3. Sign in to the BeyondTrust Privileged Remote Access site.
4. Navigate to the **Users & Security** page, **Security Providers** tab.
5. Click **ADD** next to **Security Providers**.



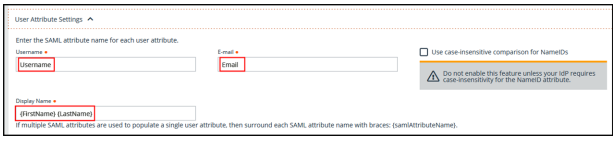
6. Upload the metadata downloaded from PortalGaurd to the Privileged Remote Access site by clicking **Upload Identity Provider Metadata**. This auto-populates the **Entity ID**, **Single Sign-On Service URL**, **SSO URL Protocol Binding**, and the **Current Certificate** fields.



7. Make note of the **Entity ID** and **Assertion Consumer Service URL**. You need these for the PortalGuard configuration.



8. Ensure the **User Attribute Settings** fields have the following values:
    - **Username**: Username
    - **E-mail**: Email
    - **Display Name**: {firstName} {LastName}



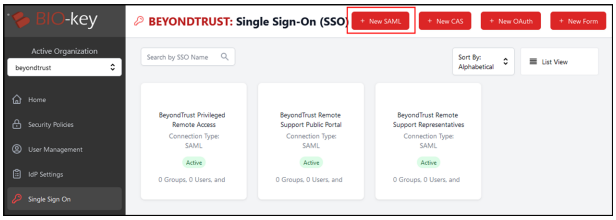
9. Under **Authorization Settings**, add *Vendor* to the **Available Groups**. You need at least one available group specified here.
10. Select the **Default Group Policy** for this configuration. You can use

the General Members policy.

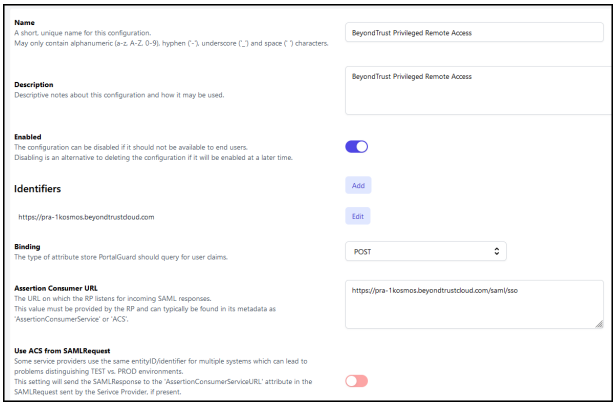
11. Click **Save**.

Configure PortalGuard for Integration with Privileged Remote Access

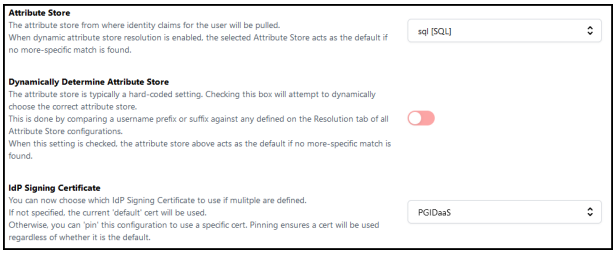
1. Within the PortalGuard IDaaS Admin Panel, navigate to the **Single Sign On** tab within the navigation menu on the left side.
2. Click **New SAML** on the top of the page.



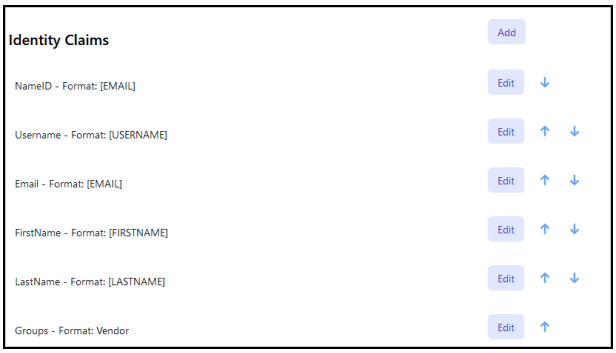
3. This opens a new window showing configuration fields for the new SAML SSO connection. Enter the following information:
   - **Name**: The name of the configuration. This field is not shown to users and is used only within the Admin Panel.
   - **Description**: Any description info for the configuration. Again, this field is not shown to users and is only used within the Admin Panel.
   - **Enabled**: Toggles whether the config is enabled and in use or not. You can disable it if you do not want it to be used at the moment.
   - **Identifiers**: The **Entity ID** from your Privileged Remote Access site.
   - **Binding**: Set this to POST.
   - **Assertion Consumer URL**: The **Assertion Consumer Service URL** from your Privileged Remote Access site.
   - **Use ACS from SAMLRequest**: Disabled.



4. Navigate to the **Identity Claims** tab on the left side of the SSO configuration.
5. Leave the top three settings at the default values. These are **Attribute Store**, **Dynamically Determine Attribute Store**, and **IdP Signing Certificate**.

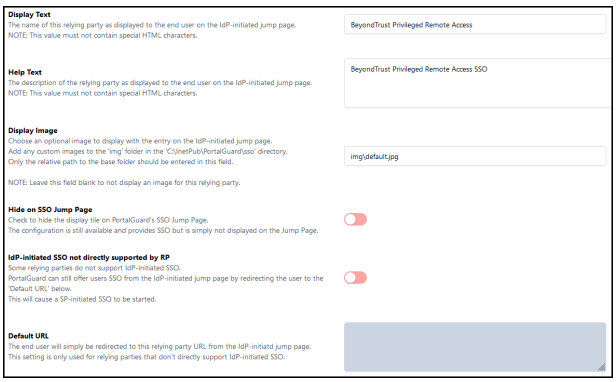


6. Create six new **Identity Claims** with the following information:



   - **Name**: NameID
     - Check **Send as NameID**
     - **Schema Type**: urn:oasis:names:tc:SAML:2.0:nameid-format:persistent
     - **Value Type**: Formatted String
     - **Composite Value Format**: [EMAIL]
   - **Name**: Username
     - **Schema Type**: Username
     - **Value Type**: Formatted String
     - **Composite Value Format**: [USERNAME]
   - **Name**: Email
     - **Schema Type**: Email
     - **Value Type**: Formatted String
     - **Composite Value Format**: [EMAIL]
   - **Name**: FirstName
     - **Schema Type**: FirstName
     - **Value Type**: Formatted String
     - **Composite Value Format**: [FIRSTNAME]
   - **Name**: LastName
     - **Schema Type**: LastName
     - **Value Type**: Formatted String
     - **Composite Value Format**: [LASTNAME]
   - **Name**: Groups
     - **Schema Type**: Groups
     - **Value Type**: Formatted String
     - **Composite Value Format**: Vendor

7. Navigate to the **IdP-Initiated** tab on the left side of the SSO configuration.

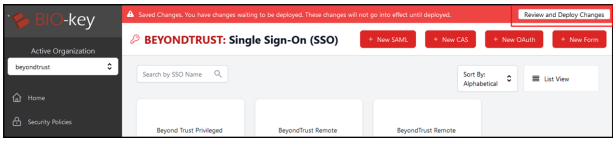


   - Set the **Display Text** to *BeyondTrust Privileged Remote Access* or a similar description. This is displayed on the PortalGuard SSO Jump Page as a tile.
   - Set the **Help Text** to *BeyondTrust Privileged Remote Access* or a similar description. This is displayed when a user hovers over the tile on the PortalGuard SSO Jump Page.
   - Set the **Display Image** to *img\default.jpg* for the default SSO image. To add an image to your IDaaS instance to display here, please open a ticket within the PortalGuard

support portal.

- Select **Hide** on SSO Jump Page to not show this tile on the PortalGuard SSO Jump Page.
- Make sure **IdP-initiated SSO not directly supported by RP** is disabled.

8. Navigate to the **Authorization** tab on the left side of the SSO Configuration. Specify the users, groups, and OUs that access this application. Leave this empty to allow all users.
9. Click **Save** in the upper right of the page to save this configuration.
10. A red bar at the top of the screen states that there are changes not yet deployed. Click **Review and Deploy Changes** to apply these to your running PortalGuard instance.



11. Click **Deploy**.