

ADMIN CONSOLE > RAPPORTERING >

Microsoft Sentinel SIEM

View in the help center:
<https://bitwarden.com/help/microsoft-sentinel-siem/>

Microsoft Sentinel SIEM

Microsoft Sentinel is a security information and event management (SIEM) platform that can be used to monitor Bitwarden organizations. Organizations can monitor [event](#) activity with the Bitwarden Event Logs app on Microsoft Sentinel.

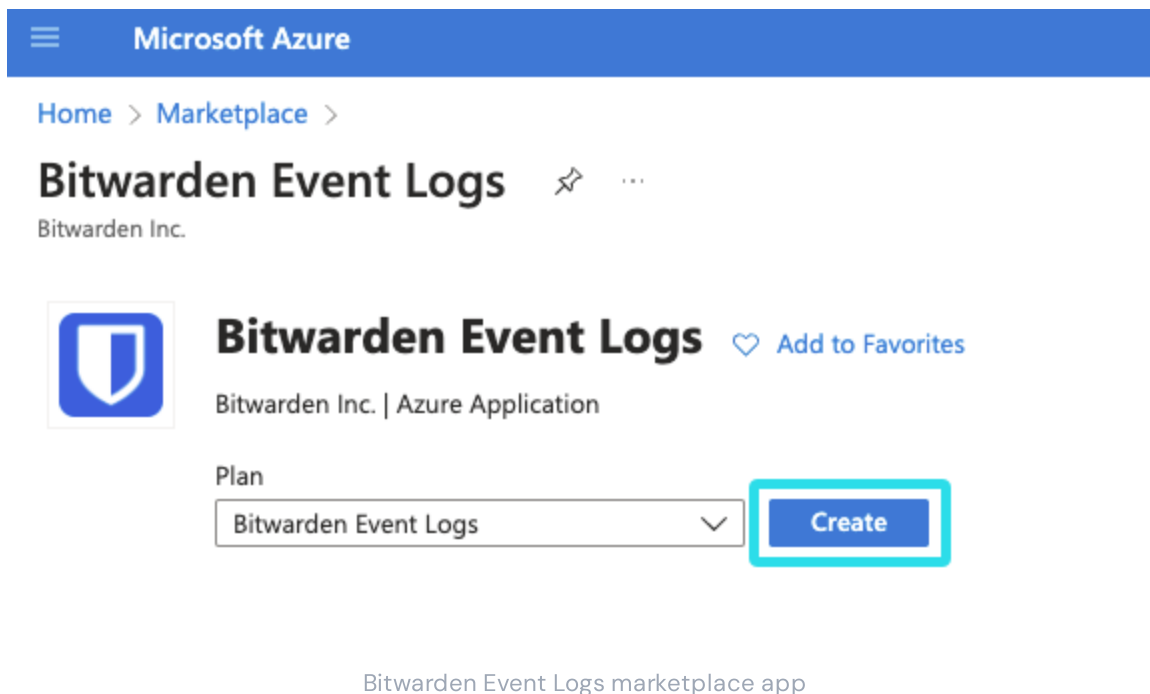
Setup

To setup the Bitwarden integration, an active Azure account with access to a Microsoft Sentinel Workspace is required. Additionally, a Bitwarden [API key](#), which can only be retrieved by [organization owners](#).

Install the Bitwarden app to your Microsoft Sentinel dashboard

The Bitwarden Event Logs application can be located in the [Microsoft Azure Marketplace](#). To add the new application to your Workspace:

1. Choose the Bitwarden Event Logs plan from the dropdown menu and select **Create**.



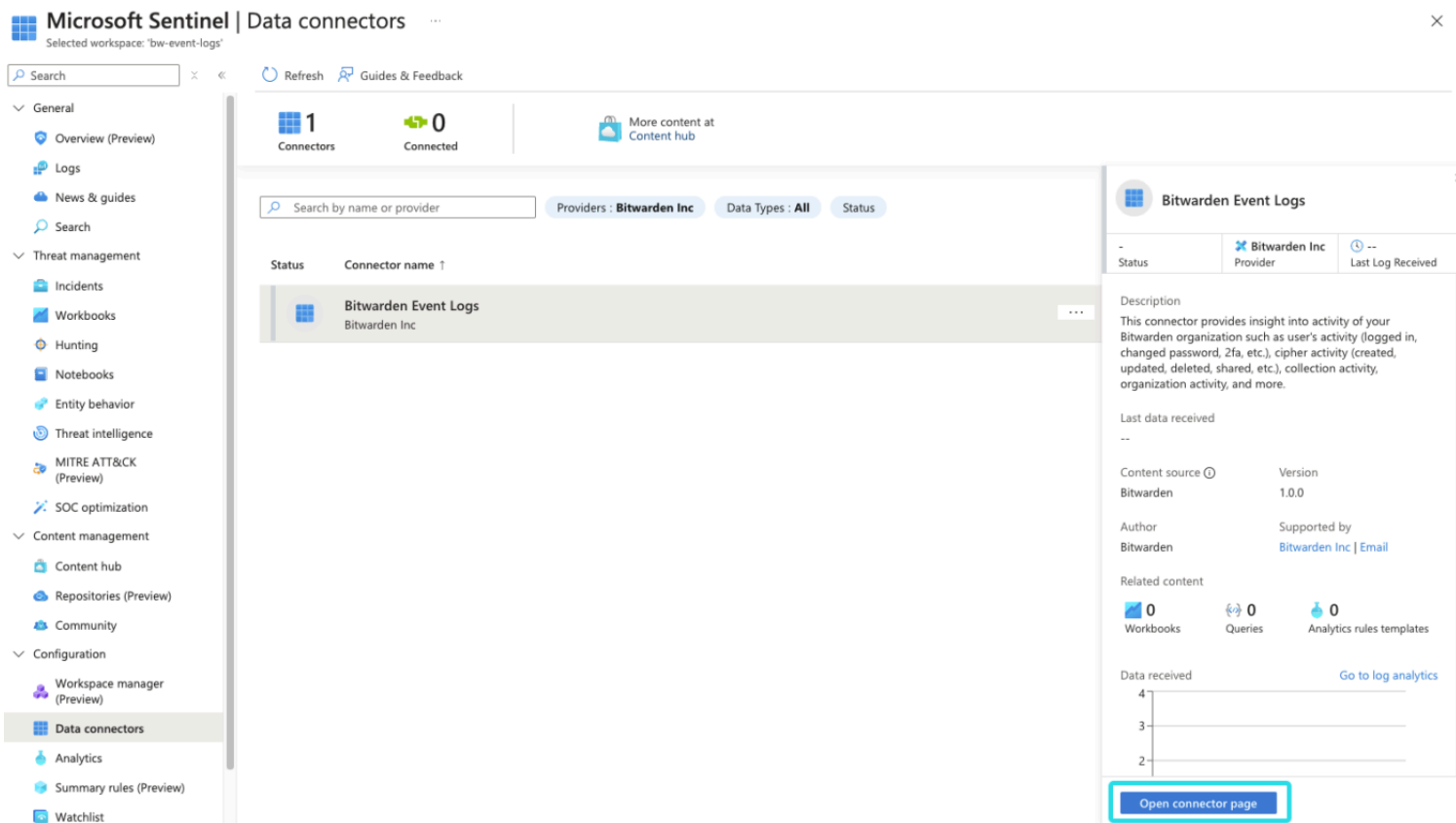
2. Complete the required fields and select the Workspace that will be monitoring Bitwarden organization data.

3. Once complete, select **Review + create**.

Connect your Bitwarden Organization

Once the Bitwarden Event Logs app has been added to your Microsoft Sentinel Workspace, you can connect your Bitwarden organization using your Bitwarden [API key](#).

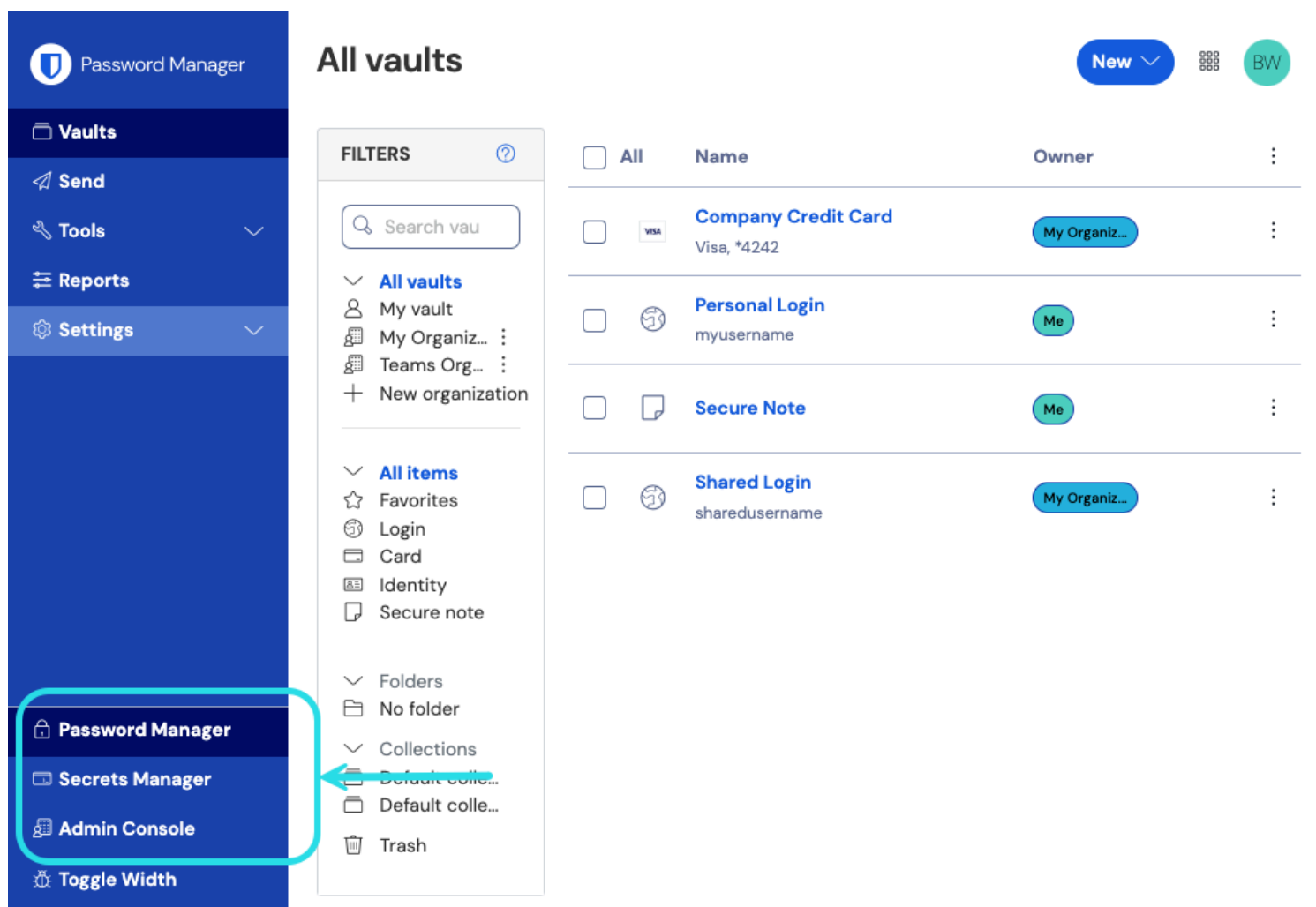
1. Return to the **Data connectors** screen and select the Bitwarden Event Logs app. Select **Open connector page**. If the Bitwarden Event Logs app is not visible, you may be required to select  **Refresh**.



The screenshot shows the Microsoft Sentinel 'Data connectors' page. On the left is a navigation pane with categories like General, Threat management, Content management, and Configuration. The 'Data connectors' option is selected. The main area displays a list of connectors, with 'Bitwarden Event Logs' by Bitwarden Inc. highlighted. A right-hand pane provides details for this connector, including its description, last data received status, content source (Bitwarden), version (1.0.0), author (Bitwarden), and related content (0 Workbooks, 0 Queries, 0 Analytics rules templates). At the bottom of this pane is a button labeled 'Open connector page'.

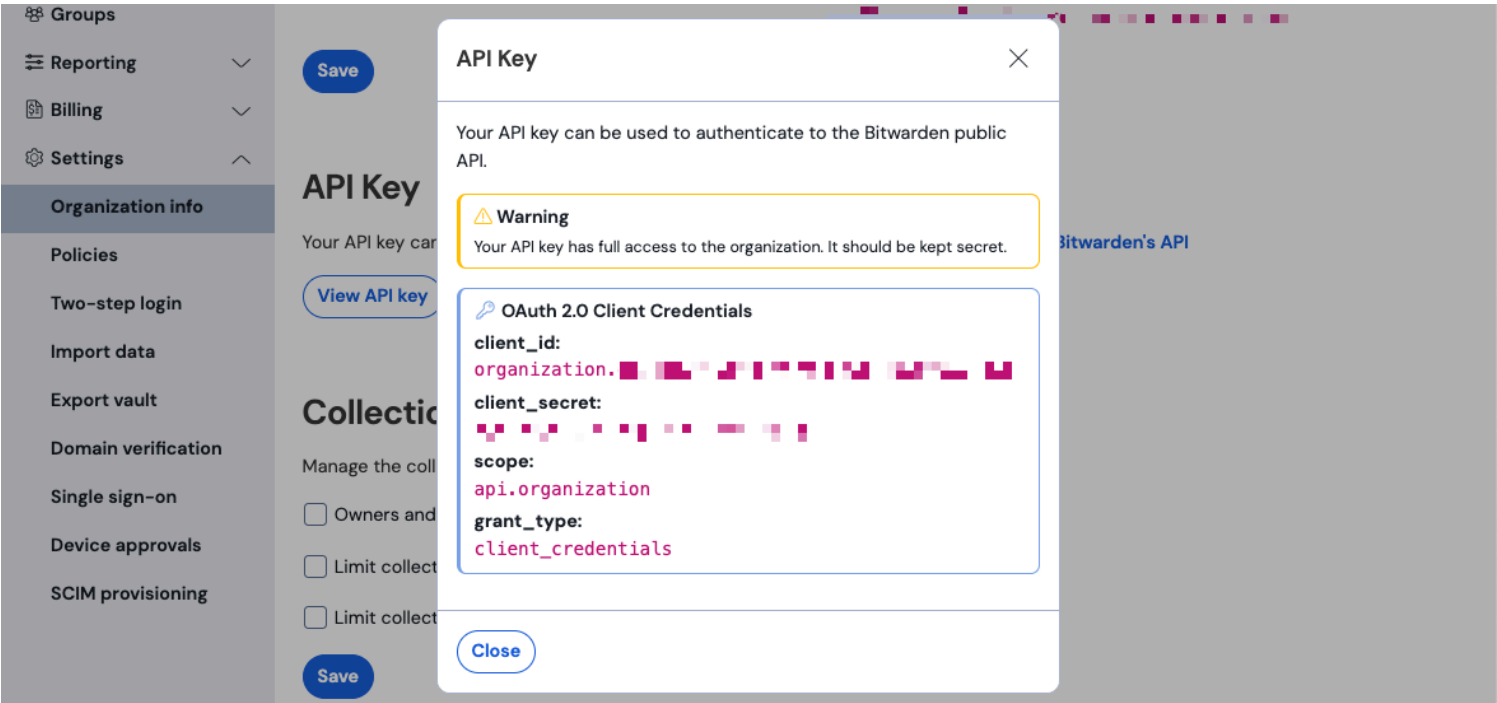
Microsoft Sentinel Bitwarden Event Logs app

2. Keep this screen open, on another tab, log in to the Bitwarden web app and open the Admin Console using the product switcher:



Product switcher

3. Navigate to your organization's **Settings** → **Organization info** screen and select the **View API key** button. You will be asked to re-enter your master password in order to access your API key information.



Organization api info

4. Return to the Microsoft Sentinel tab. On the **Configuration** page, complete the following fields:

Field	Value
Bitwarden Identity URL	For Bitwarden cloud users, the default URL will be <code>https://identity.bitwarden.com</code> or <code>https://identity.bitwarden.eu</code>. For self-hosted Bitwarden users, input your self-hosted URL. For example, <code>https://<self-hosted-url>/identity</code>. Be sure that the URL does not include any trailing forward slashes at the end of the URL <code>/</code>.
Bitwarden API URL	For Bitwarden cloud users, the default URL will be <code>https://api.bitwarden.com</code> or <code>https://api.bitwarden.eu</code>. For self-hosted Bitwarden users, input your self-hosted URL. For example, <code>https://<self-hosted-url>/api</code>. Be sure that the URL does not include any trailing forward slashes at the end of the URL <code>/</code>.
Client ID	Input the value for <code>client_id</code> from the Bitwarden organization API key window.
Client Secret	Input the value for <code>client_secret</code> from the Bitwarden organization API key window.

Select **Connect** once the required fields have been completed.

Note

Your organization API key information is sensitive data. Do not share these values in nonsecure locations.

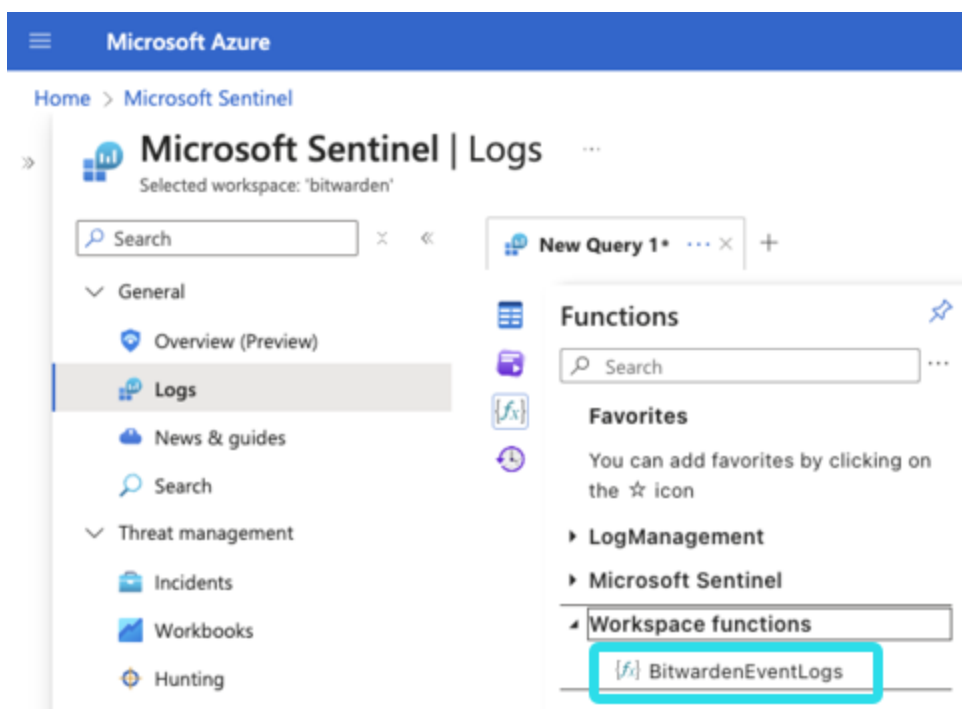
Start monitoring event logs

Note

Historic event data is not available for the Bitwarden Event Logs app on Microsoft Sentinel at this time. Additionally, it may take up to 1 hour for the first events to appear in Microsoft Sentinel.

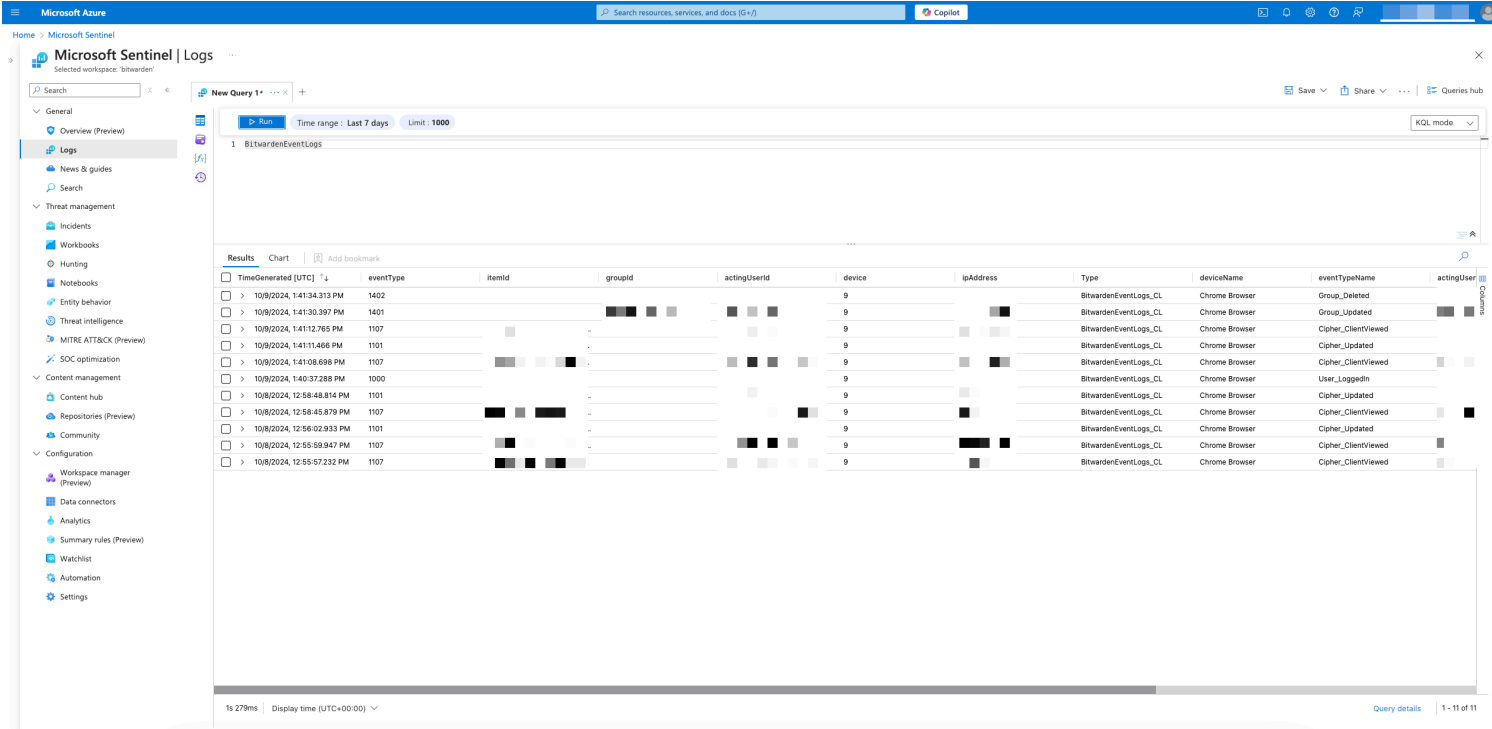
Bitwarden organization event logs can be viewed in Microsoft Sentinel using the **BitwardenEventLogs** query function.

1. From Microsoft Sentinel, select **Logs**. A New Query tab will be created. On the left hand navigation, select **Functions** → **Workspace functions** → **BitwardenEventLogs**.
2. Before running the query, you may select time frame and add specific parameters to the query. To begin the query, select **Run**.



Microsoft Sentinel query

Queries can be saved for future use.



Microsoft Sentinel query result

Monitor using Workbooks

Workbooks can be used to review event logs and visualize data. Additionally, templates are included in the Bitwarden Event Logs Workbook for a pre-configured overview of available data.

To access Workbooks, select **Workbooks** from the navigation and then **Templates**.

Microsoft Sentinel | Workbooks

Selected workspace: 'bw-event-logs'

Search

Refresh Add Workbook Guides & Feedback

General

Overview

Logs

News & guides

Search

Threat management

Incidents

Workbooks

Hunting

Notebooks

Entity behavior

Threat intelligence

MITRE ATT&CK (Preview)

SOC optimization (Preview)

Content management

Content hub

0 My workbooks

3 Templates

0 Updates

More content at Content hub

My workbooks

Templates

Search

Add filter

Name	Status	Source name
Bitwarden Authentication Events	--	Bitwarden
Bitwarden Organization Events	--	Bitwarden
Bitwarden Vault Items Events	--	Bitwarden

Bitwarden Organization Events

Description
This workbook provides insights on Bitwarden Organizations Event Logs.

Content source Bitwarden

Template version 1.0.0

Author Bitwarden

Supported by Bitwarden Inc | Email

View Template Save

Workbook templates

The Bitwarden Event Logs app will have three templates included by default. Select one of the templates and choose **View Template** to begin monitoring data.

My workbooks

Templates

Search

Add filter

Name	Status	Source name
Bitwarden Authentication Events	--	Bitwarden
Bitwarden Organization Events	--	Bitwarden
Bitwarden Vault Items Events	--	Bitwarden

Included templates

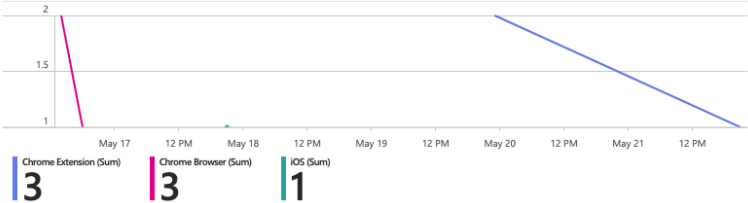
The dashboards include visualized data:

Time: Last 14 days

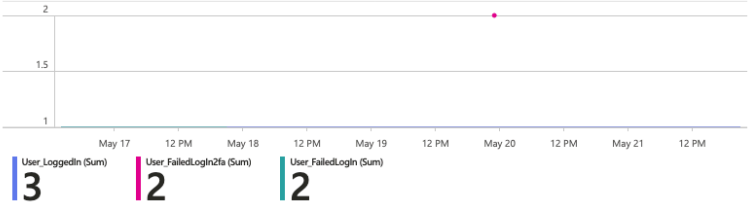
Successful Log In Attempts by Country



Authentication Events by Device



Authentication Events by Type



Microsoft Sentinel dashboard view

Continue scrolling the overview page for additional event log data:

Top Users By: User Name

Top Failed Log Event Users



Top Successful Log Event Users



Latest Authentication Events

TimeGenerated	↑↓	eventType↑↓	itemid ↑↓	collectionId ↑↓	↑↓	groupId ↑↓	policyId ↑↓	memberId ↑↓	actingUserId	↑↓	installationId ↑↓	↑↓	device↑↓	ipA... ↑↓	TenantId
5/19/2024, 11:36:30.951 PM			1006										2		
5/19/2024, 11:36:16.556 PM			1006										2		
5/16/2024, 2:03:05.447 PM			1000										9		
5/16/2024, 2:03:55.748 PM			1005										9		
5/16/2024, 6:00:29.614 PM			1000										9		
5/17/2024, 9:11:59.709 PM			1005										1		
5/21/2024, 9:34:05.581 PM			1000										2		

Bitwarden even log view