Configure Custom Malware Protection Profiles

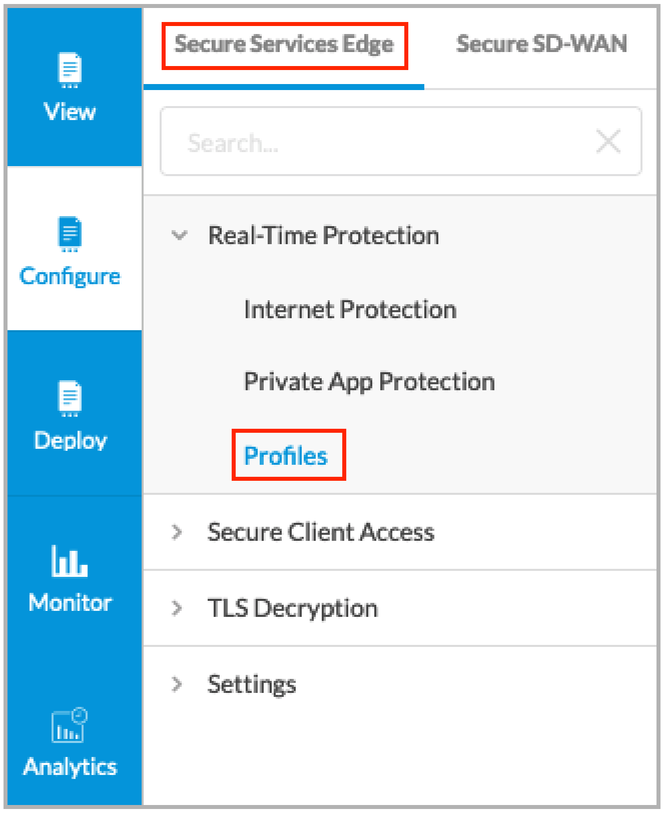
For supported software information, click here.

Malware is malicious software that is specifically designed to disrupt computers and computer systems. There are many types of malware, including computer viruses, worms, Trojan viruses, spyware, adware, and ransomware. Among the things malware can do is leak private information, gain unauthorized access to information or systems, and deprive users of access to information.

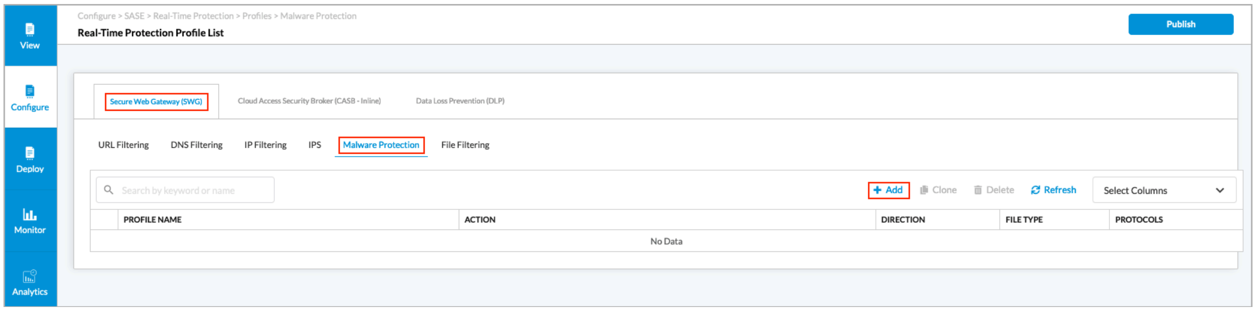
By default, Versa SASE provides a predefined security enforcement policy to protect against malware. This article describes how you can configure custom malware protection profiles.

To configure a custom malware-filtering profile:

1. Go to Configure > Real-Time Protection > Profiles.



The following screen displays.

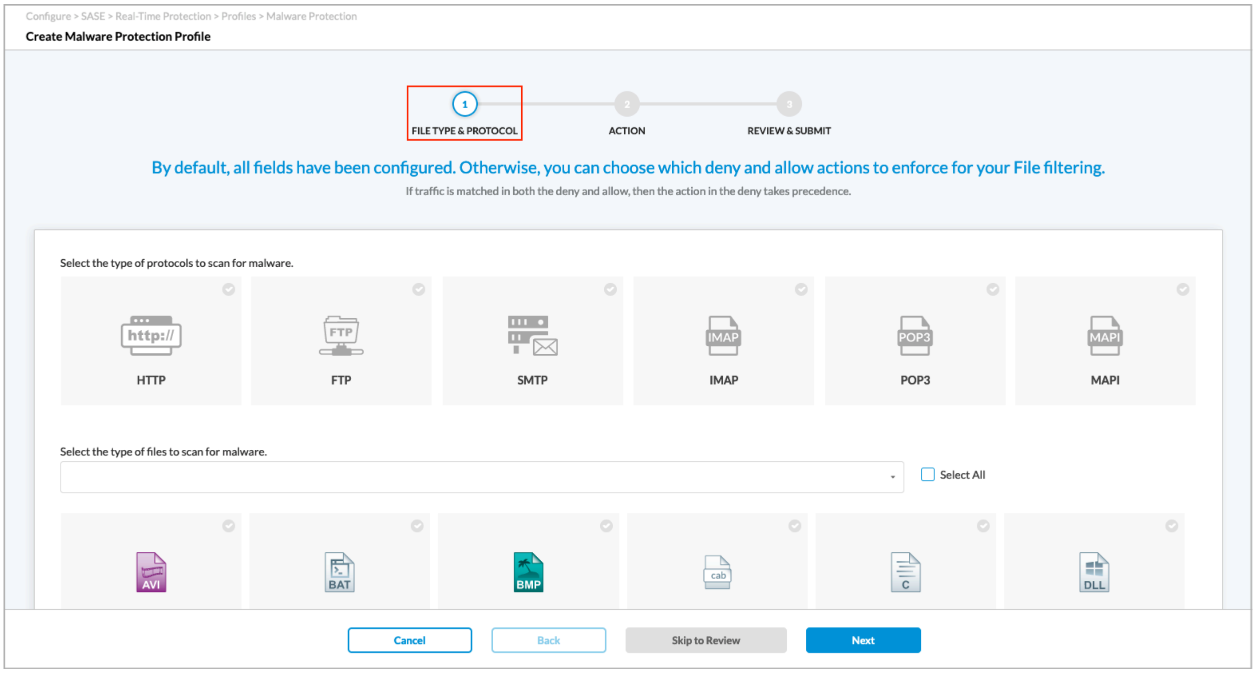


Configure > SASE > Real-Time Protection > Profiles > Malware Protection

Real-Time Protection Profile List

PROFILE NAME	ACTION	DIRECTION	FILE TYPE	PROTOCOLS
No Data				

2. Select the Secure Web Gateway (SWG) tab, and then select the Malware Protection subtab.
3. Click + Add to add a new malware-filtering profile. The Create Malware Protection Profile screen displays.



Configure > SASE > Real-Time Protection > Profiles > Malware Protection

Create Malware Protection Profile

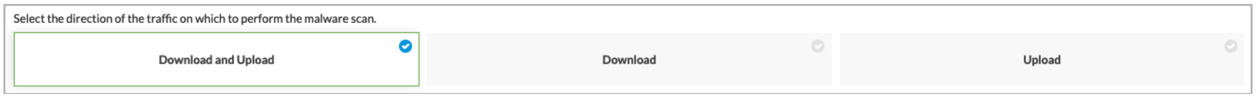
By default, all fields have been configured. Otherwise, you can choose which deny and allow actions to enforce for your File filtering.

If traffic is matched in both the deny and allow, then the action in the deny takes precedence.

Select the type of protocols to scan for malware.

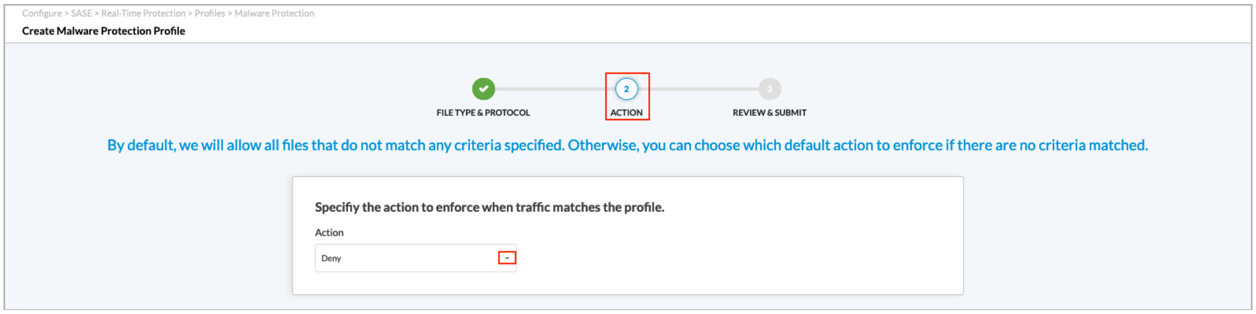
Select the type of files to scan for malware.

4. Select the protocols to scan for malware:
    - FTP
    - HTTP
    - IMAP
    - MAPI
    - POP3
    - SMTP
5. Select the types of files to scan for malware. Use the search box to find specific file types. Check the Select All box to select all file types.
6. Scroll to the bottom of the screen, and then select the direction of the traffic on which to perform the malware scan. By default, the Download and Upload option.



Select the direction of the traffic on which to perform the malware scan.

7. Click Next to go to the Action screen.



Configure > SASE > Real-Time Protection > Profiles > Malware Protection

Create Malware Protection Profile

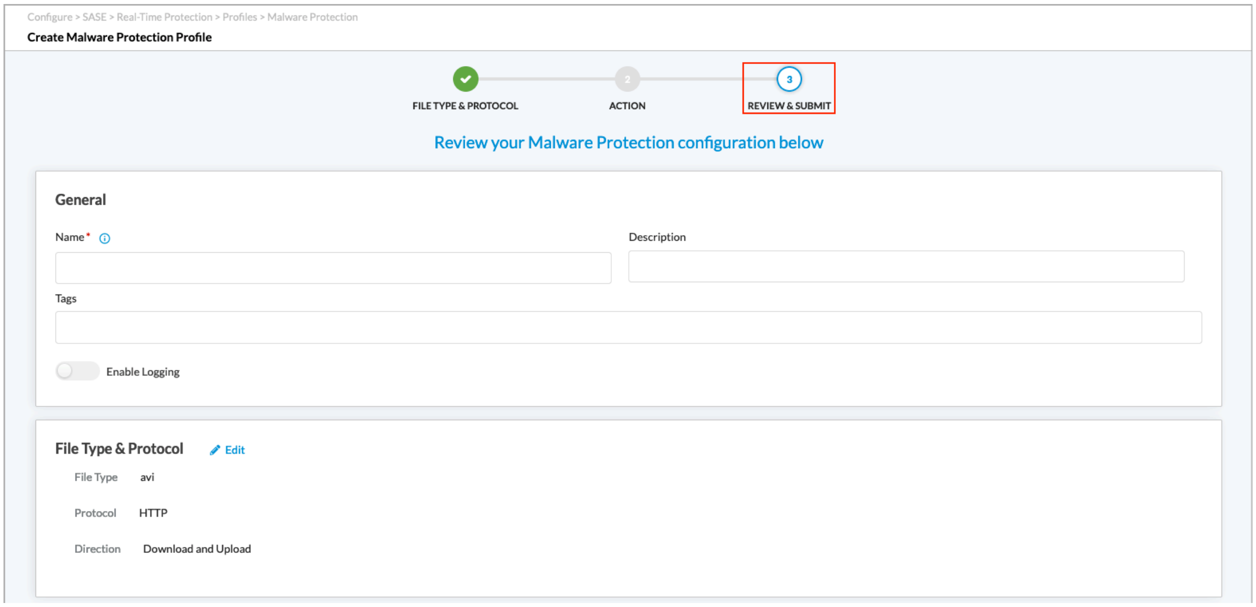
By default, we will allow all files that do not match any criteria specified. Otherwise, you can choose which default action to enforce if there are no criteria matched.

Specifiy the action to enforce when traffic matches the profile.

Action: Deny

8. Select the enforcement action to take when traffic matches the malware profile:
    - Alert
    - Allow
    - Deny (default)
    - Recommended Action
    - Reject

    Note that if traffic matches both the Allow and Deny actions, the Deny action takes precedence over the Allow action.
9. Click Next.
10. In the Review and Submit screen, enter a name for the malware protection profile and, optionally, a description and one or more tags. A tag is an alphanumeric descriptor, with no white spaces or special characters, that you can use to search the objects.



Configure > SASE > Real-Time Protection > Profiles > Malware Protection

Create Malware Protection Profile

Review your Malware Protection configuration below

General

Name*

Description

Tags

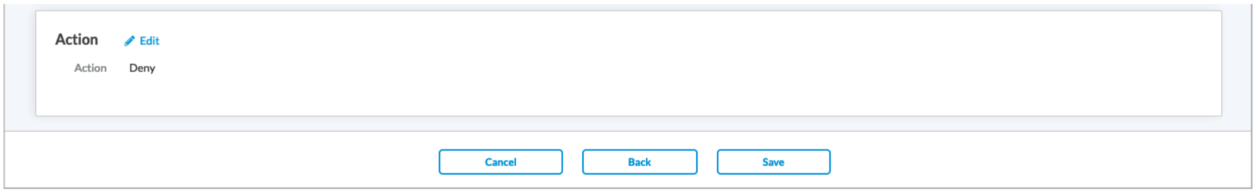
Enable Logging

File Type & Protocol

File Type: avi

Protocol: HTTP

Direction: Download and Upload



Action ✎ Edit

Action Deny

11. Click the Enable Logging slider to send logs to Versa Analytics.

12. Review the remaining entries. To make changes, click the ✎ Edit Edit icon.
13. Click Save to add the malware protection profile.

Supported Software Information

Releases 11.3.1 and later support all content described in this article.

Additional Information

Configure Offline Custom Malware Protection Profiles
Configure Profiles