# Block Google AI Mode in the Secure Web Appliance

## Contents



## Introduction

This document describes the necessary steps to perform so the Secure Web Appliance is configured to block the HTTPS requests to the Google AI Mode.

## Prerequisites

### Requirements

Cisco recommends that you have knowledge of these topics:

- SWA administration
- Basic Networking and Proxy protocols
- Decryption process of the SWA
- Regular Expressions

Cisco recommends that you have these tools installed:

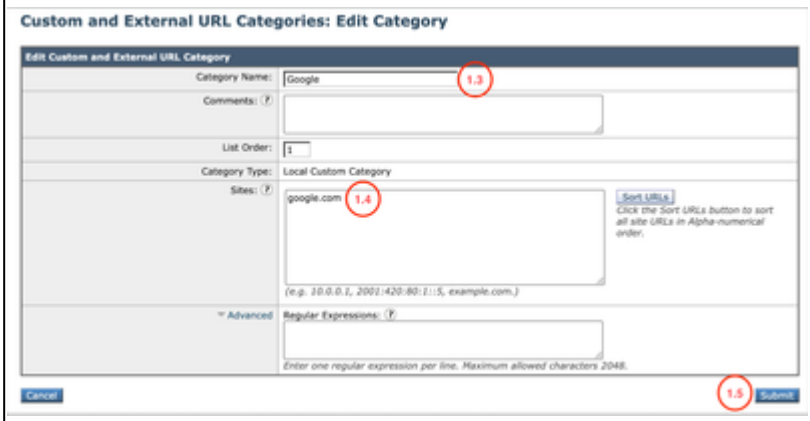
- Physical or Virtual SWA
- Administrative Access to the SWA Graphical User Interface (GUI)

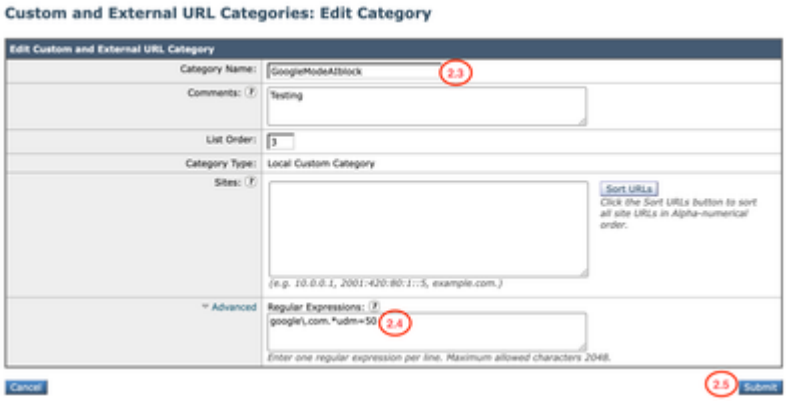
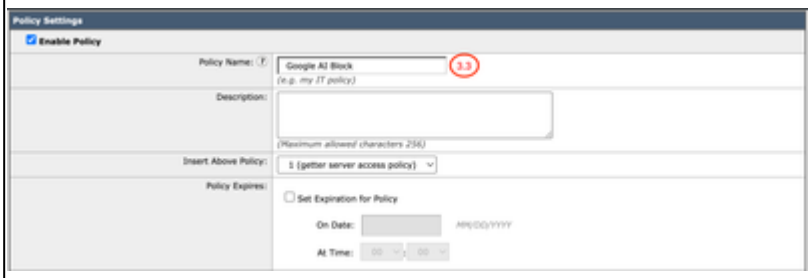
### Components Used

This document is not restricted to specific software and hardware versions.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

# Configurations Steps

| | |
|---|---|
| Step 1. Create a Custom URL Category for the Google website. | Step 1.1. From the GUI, navigate to **Web Security Manage**r and choose **Custom and External URL Categories**.<br><br>Step 1.2**.** Click **Add Category** to create a new Custom URL Category.<br><br>Step 1.3**.** Enter **Name** for the new category.<br><br>Step 1.4**.** Define this URLs in the Sites section:<br><br>`google.com`<br><br>Step 1.5. **Submit** the changes.<br><br>  |
| Step 2.Create a Custom URL Category for the Google AI Mode. | Step 2.1. From the GUI, navigate to **Web Security Manage**r and choose **Custom and External URL Categories**.<br><br>Step 2.2. Click **Add Category** to create a new Custom URL Category.<br><br>Step 2.3. Enter **Name** for the new category.<br><br>Step 2.4. Define this URLs in the Regular Expressions section:<br><br>`google\.com.*udm=50` |

| | |
|---|---|
| | Step 2.5. **Submit** the changes.<br><br>**Tip**: For more information about how to configure Custom URL Categories, visit: [Configure Custom URL Categories in Secure Web Appliance - Cisco]<br><br>  |
| Step 3. Decrypt the traffic for Google. | Step 3.1. From the GUI, navigate to **Web Security Manager** and choose **Decryption Policies**<br><br>Step 3.2**.** Click **Add Policy**.<br><br>Step 3.3. Enter **Name** for the new policy.<br><br>  <br><br>Step 3.4. (Optional) Select the **Identification Profile** that you need this policy to apply to.<br><br>Step 3.5. From **Policy Member Definition** section, click **URL Categories** links to add the Custom URL Category.<br><br>Step 3.6. Select the **URL Category** that was created in **Step 1**.<br><br>Step 3.7. Click **Submit**. |

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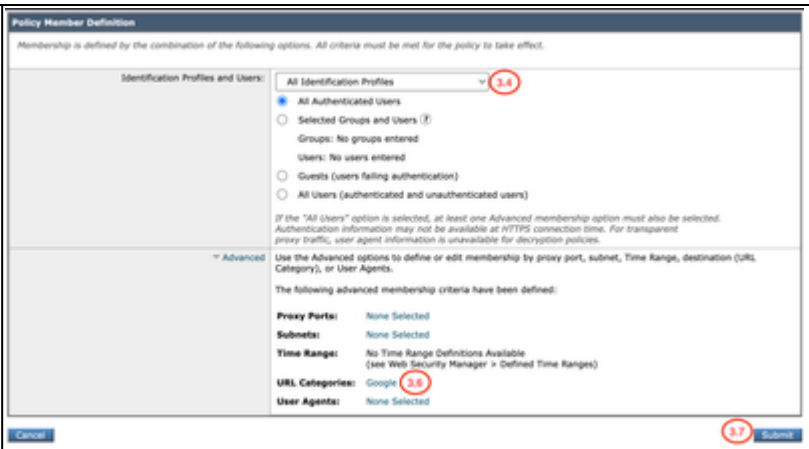

<br><br>
Step 3.8. In Decryption Policies page, click the link from URL Filtering for the new policy.<br><br>
Step 3.9. Choose Decrypt as the action for Custom URL Category.<br><br>
Step 3.10. Click Submit.<br><br>


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<td>Step 4. Block the Google AI Mode Traffic.</td>
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Step 4.1. From the GUI, navigate to Web Security Manager and choose Access Policies.<br><br>
Step 4.2. Click Add Policy.<br><br>
Step 4.3. Enter Name for the new policy.<br><br>


<br><br>
Step 4.4. (Optional) Select the Identification Profile that you need this policy to apply to.<br><br>
Step 4.5. From Policy Member Definition section, click URL Categories links to add the Custom URL Category.<br><br>
Step 4.6. Select the URL Category that was created in Step 2.<br><br>
Step 4.7. Click Submit.
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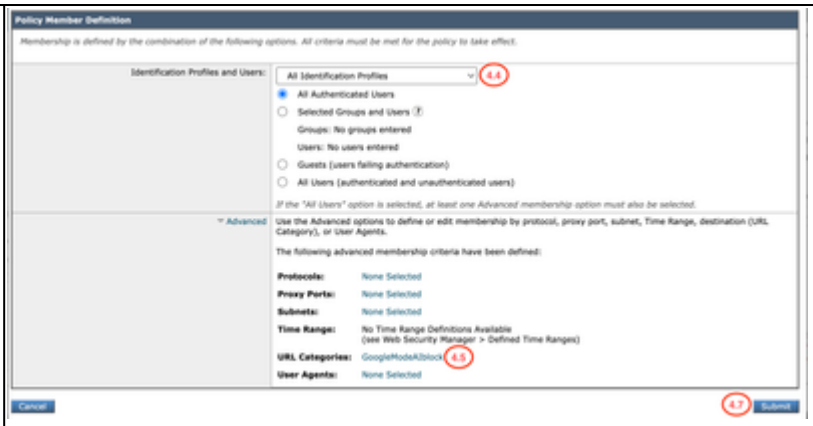
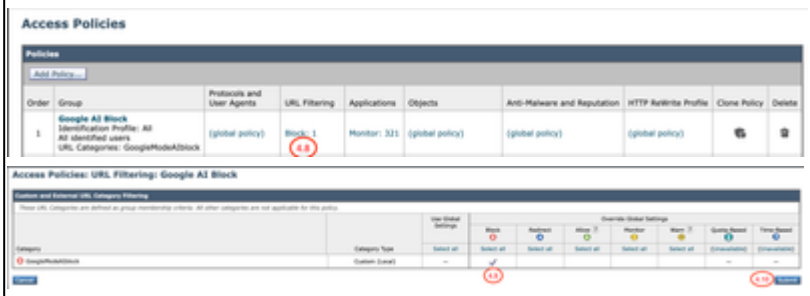



Step 4.8. In **Access Policies** page, click the **link** from **URL Filtering** for the new policy.

Step 4.9. Choose **Block** as the action for Custom URL Category.

Step 4.10. Click **Submit**.




Step 4.11. **Commit** changes.

# Verify

When the configuration settings are completed, Google AI traffic is processed on the access logs as Block as it is detected by the Custom Category we created for Google AI Block.

<#root>

```
1779219170.427 101 10.184.103.26
```

**TCP_DENIED_SSL/403**

```
 0 GET https://www.google.com:443/search?q=cisco+live+&sca_esv=afc85aa92f7b31d4&source=hp&ei=2roMatavIo
```

**BLOCK_CUSTOMCAT_12-Google_AI_Block**

```
-ciscotest-NONE-NONE-NONE-NONE-NONE <"C_Goo0",4.7,-,"-",-,-,-,-,"-",-,-,-,"-",-,-,"-","-",-,-,"IW_srch"
```

A request for a search query through the Google AI mode is blocked and display this End User Notification.


All other Google traffic continues to be allowed.

## Related Information

Define Custom URL Categories in WSA

User Guide for AsyncOS 15.2 for Cisco Secure Web Appliance

Configure Decryption Certificate in Secure Web Appliance