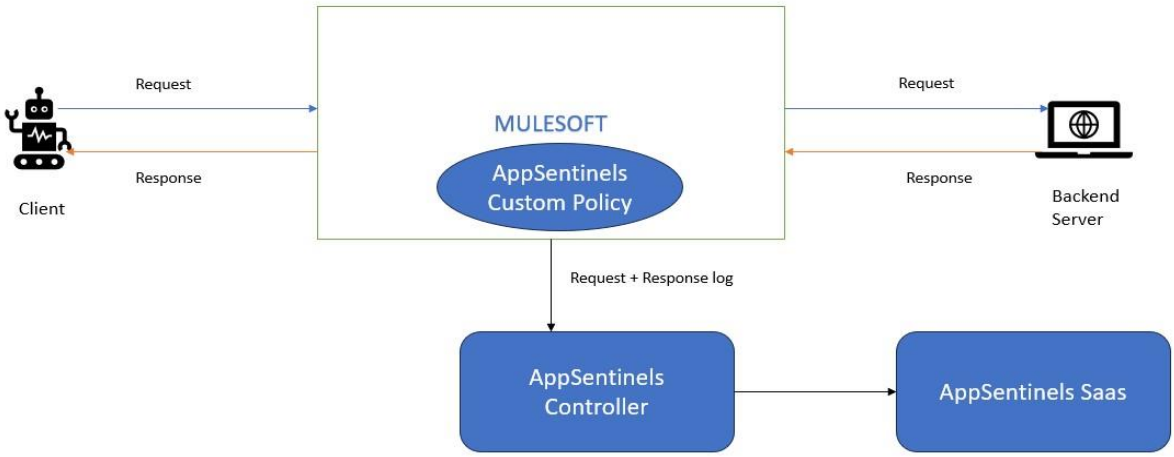
AppSentinels.ai
Application Security Re-invented

AppSentinels API Security Platform

Policy Integration for MuleSoft

Contents

MuleSoft is an integration and API management platform that helps organizations connect applications, data, and devices — both on-premises and in the cloud. It provides tools to build, manage, and secure APIs and integrations through its core product, **Anypoint** Platform.



Prerequisite

- Maven (mvn version >= 3.9.0) must be installed.
- To upload custom policy to MuleSoft Exchange, you must have the exchange contributor's role assigned to you.
- Keep the below parameters handy—
  - Organization Id/Business Group Id
  - Client Id
  - Client Secret
- IP address/FQDN of appsentinels controller

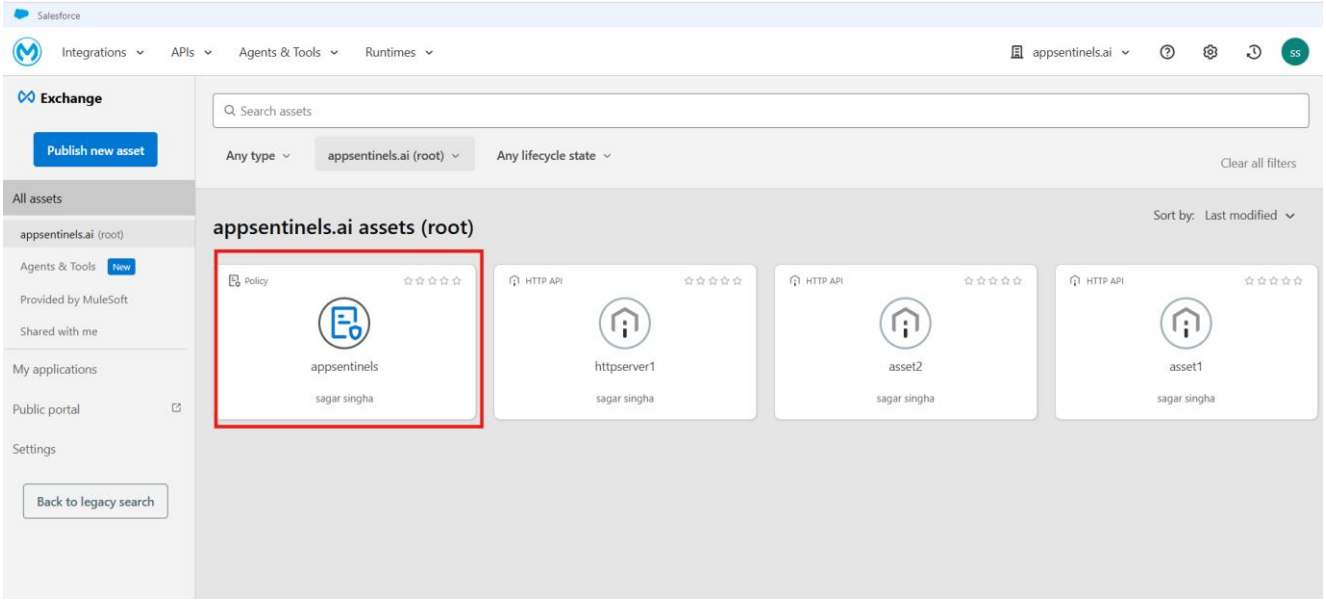
Procedure to deploy policy in anypoint platform

- Download the policy zip file from below link
  - Link: Please contact appsentinels support
- Unzip the file
- Enter into appsentinels directory
- In pom.xml under appsentinels directory change the group Id in (Group Id Mean Organization Id/Business Group Id):
  - **<exchange.url>https://maven.anypoint.mulesoft.com/api/v1/organizations/$ {group Id}/maven</exchange.url>**
  - **<groupId>$ {group Id}/</groupId>**
- In the system where mvn is installed go to C:\Users\${username}\.m2 location and change username and password with your anypoint platform in settings.xml file:


```
<servers>
    <server>
        <id>cloudhub</id>
        <username>${Username}</username>
        <password>${Password}</password>
    </server>
</servers>
```

- Then run below command to deploy the policy to anypoint platform
  - Command: mvn clean deploy

Now policy will be accessible from API manager in anypoint platform. Now appsentinels policy will be appeared under Exchange:



Procedure to apply policy in API/APIs in anypoint platform

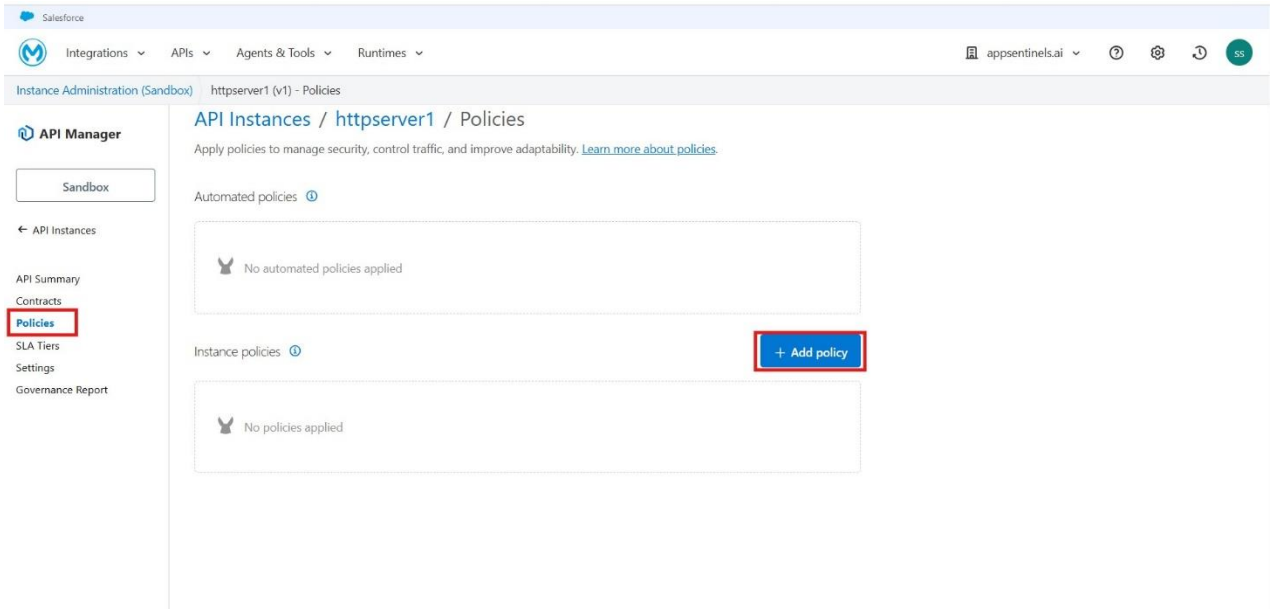
You can apply the policy in anypoint platform in two ways –

- Specific API
- Automated Policy

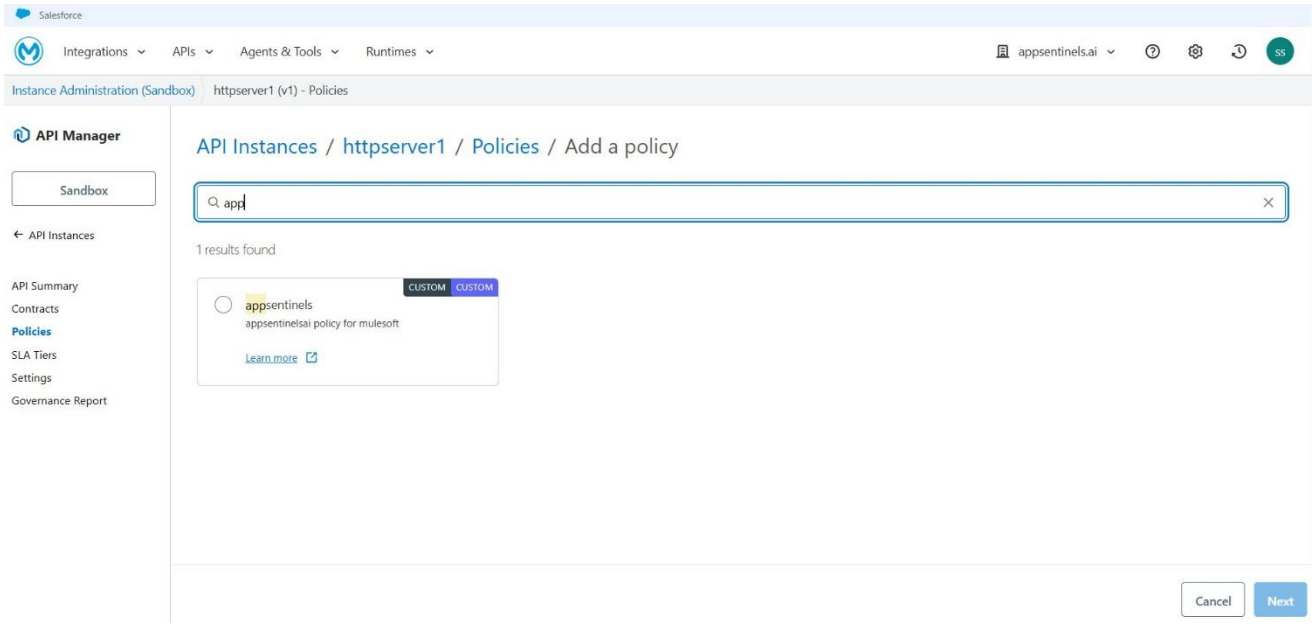
Specific API:

Follow the below steps to apply the appsentinels policy to the APIs that you wish to secure:

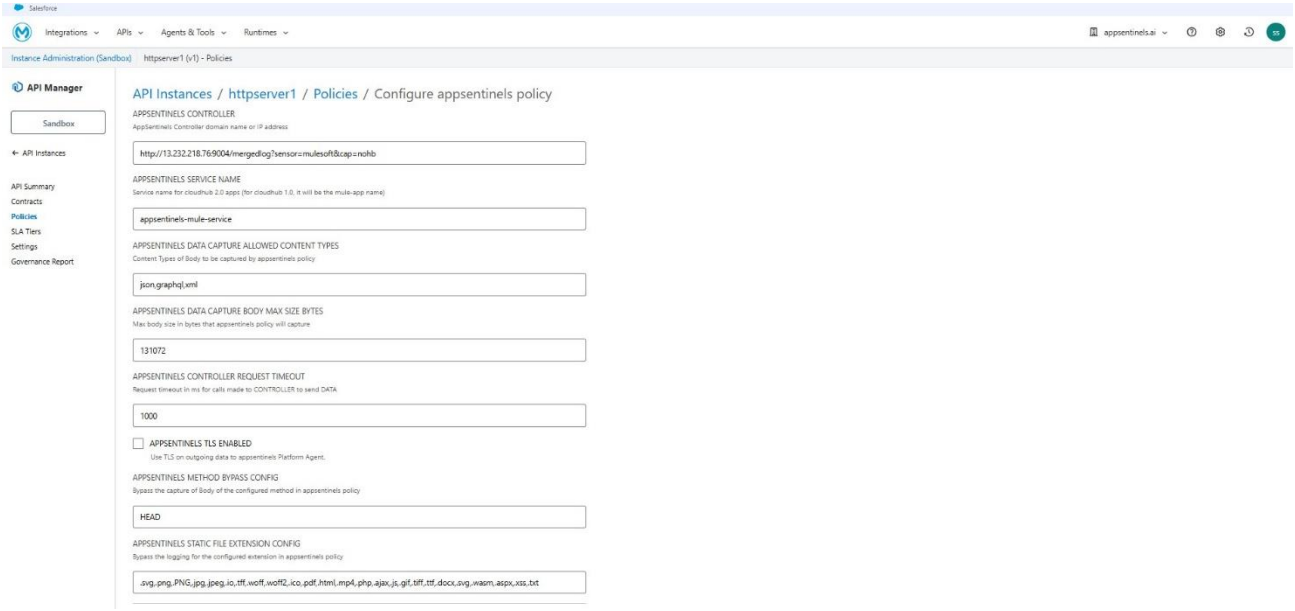
- Login to your Anypoint Platform and navigate to API Manager.
- Select the API to which you wish to attach the Traceable policy.
- Click on the **Policies** option and do add policy as shown below



- Search for appsentinels



- Update the appsentinels controller URL like below in APPSENTINELS CONTROLLER box (Ex: **http://20.165.225.120:9004/mergedlog?sensor=mulesoft&cap=nohb**)

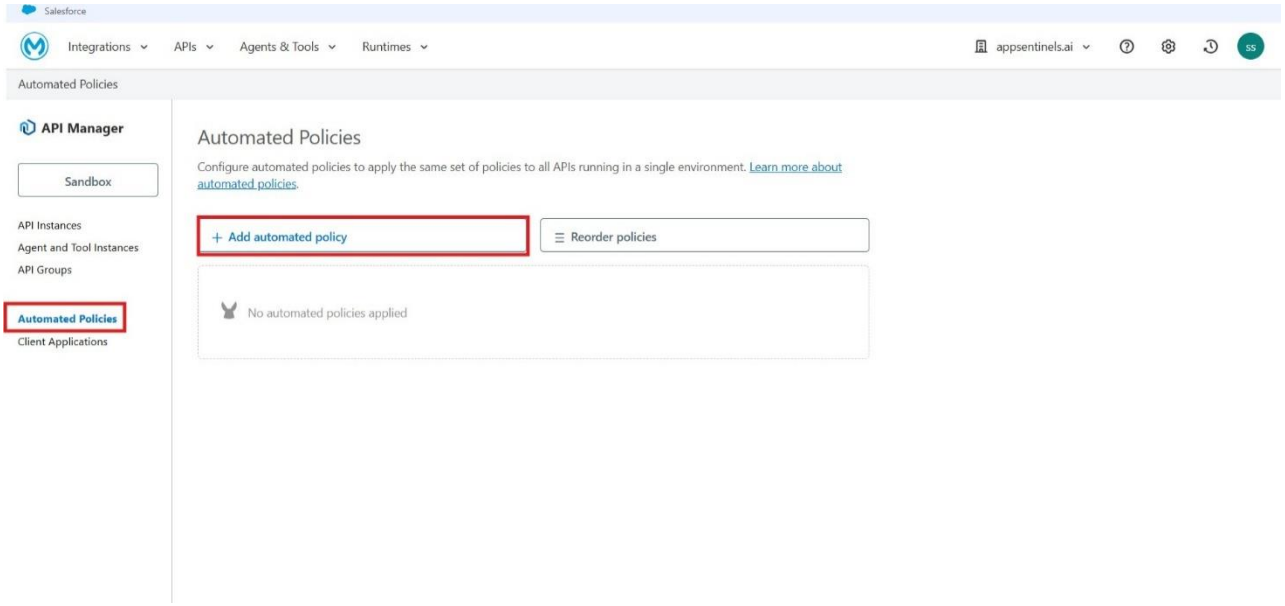


- Apply the Policy

Automated Policy:

Follow the below steps to apply the appsentinels policy to all the APIs:

- Login to your Anypoint Platform and navigate to API Manager.
- Click on Automated Policies from the left navigation menu.



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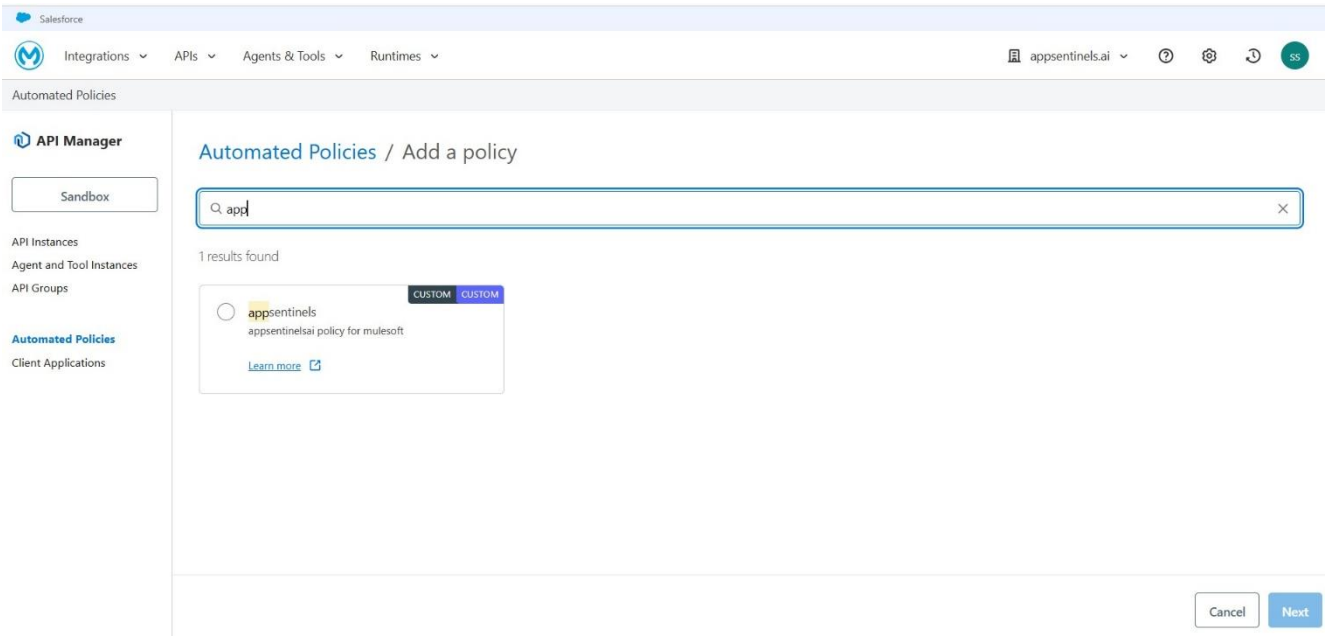

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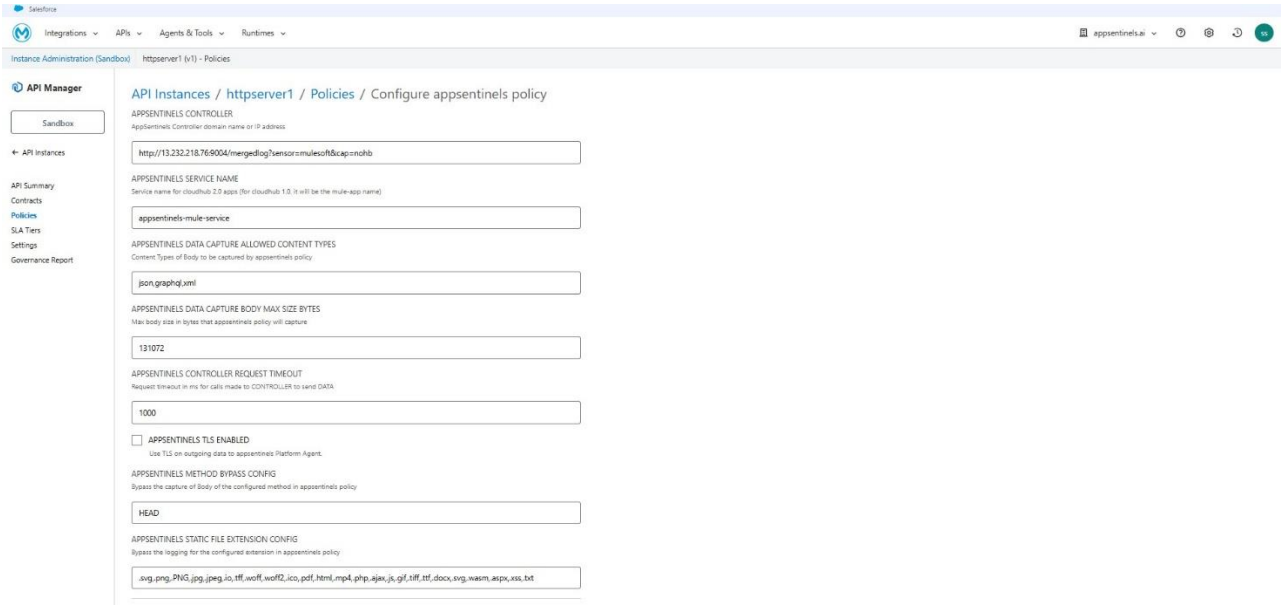

- Apply the policy

