Rate Limiting for API Proxy (Quota Policy):

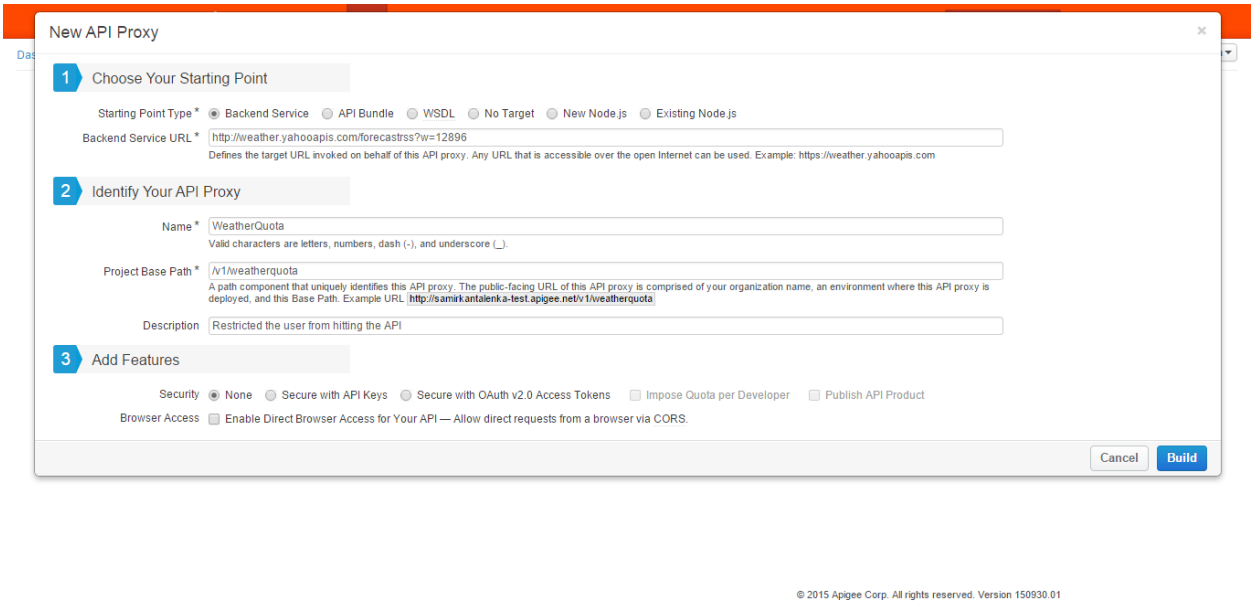
To configure the number of request messages that an API proxy allows over a period of time, such as a second, minute, hour, day, week, or month. You can set the quota to be the same for all apps accessing the API proxy, or you can set the quota based on:

- The product that contains the API proxy
- The app requesting the API
- The app developer
- Many other criteria

Using Quota policies you can, for example, limit apps to 1 request per minute, or to 10,000 requests per month. For example, if you have three API proxies in an API product, a single quota is not shared across all three even if all three use the same quota policy configuration.

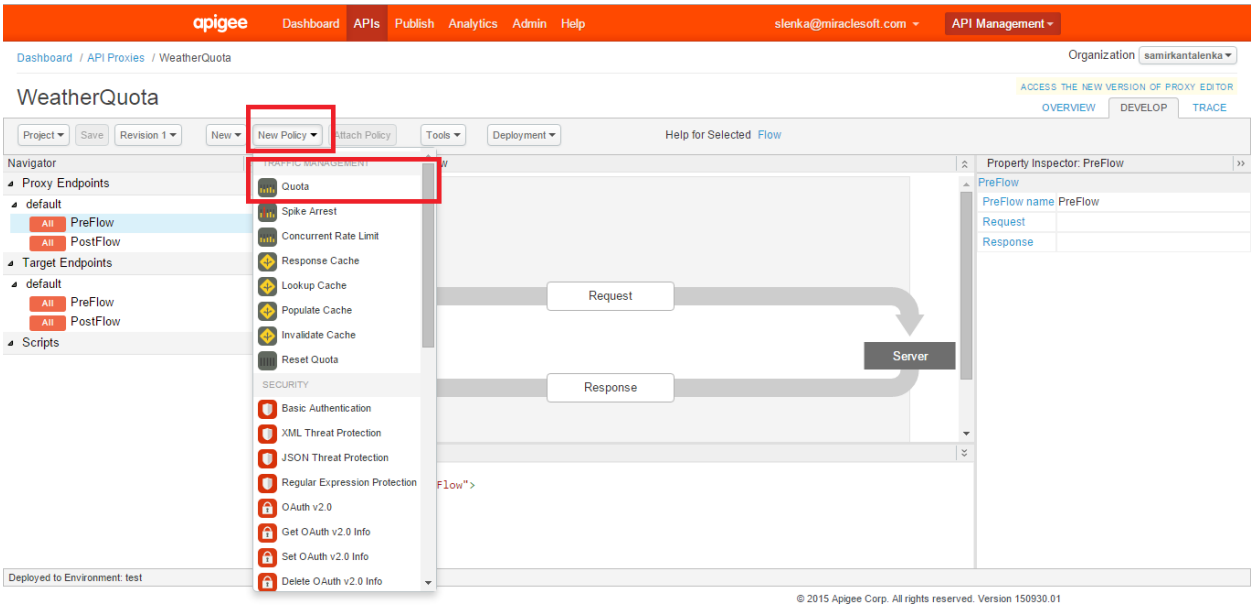
Step 1:

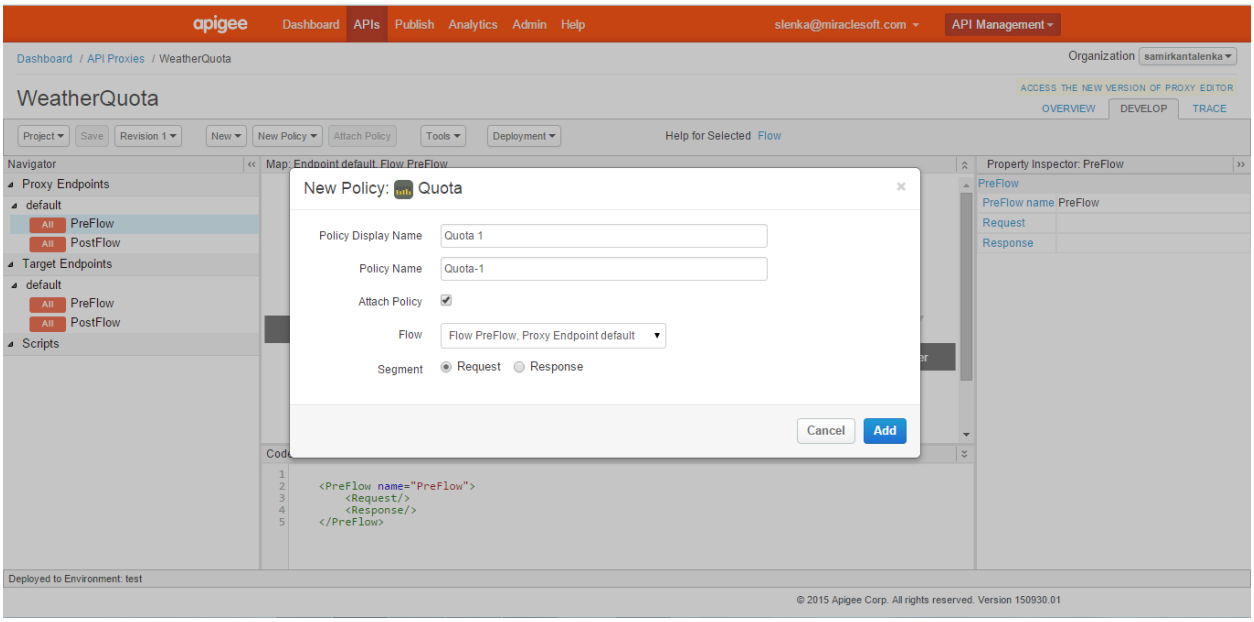
Initially, create an API Proxy by providing Backend Service URL and Project Base path.



Step 2:

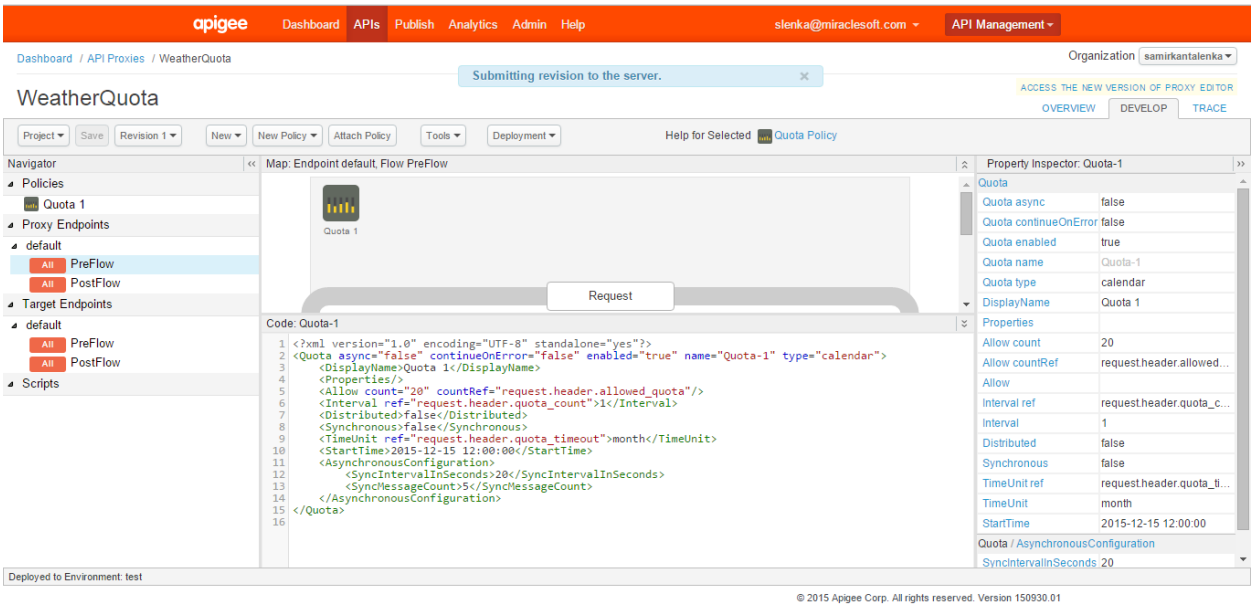
Inorder to give restriction for the user based on the hits, select **Quota Policy** in **New Policy tab**





Step 3:

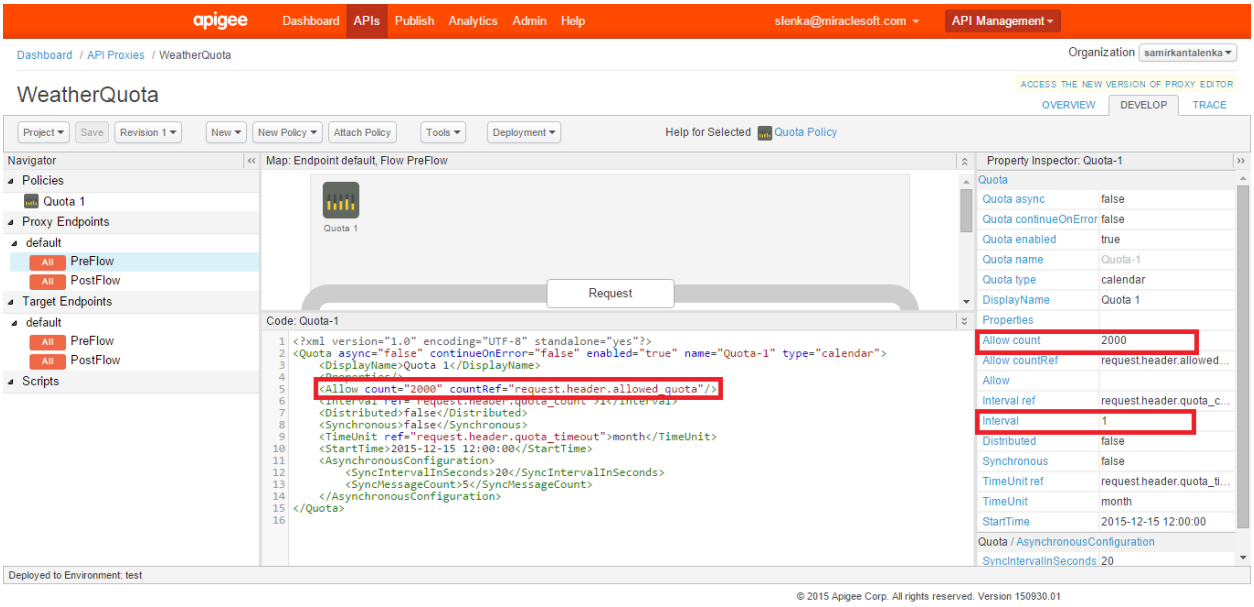
Here select the *Quota Policy* and edit the code and specify the *Time limit* based on our requirement.



Step 4:

Change the *Interval* and *Allow Count* based on our requirement.

In this example, it is changed to 20 requests per minute.

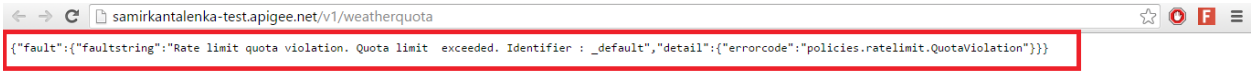


Step 5:

In overview tab hit the backened URL for viewing the response.

Step 6:

After hitting the URL for 20 times, it will show an error as follows



After completion of 1minute, the data will be shown.