# Service Level Enforcement Policy Usage Scenarios for Policy Manager

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# Service Level Enforcement Policy Usage Scenarios (Policy Manager-specific)

This document provides a list of Policy Manager-specific usage scenarios for the *Service Level Enforcement Policy*.

## Scenario 1: Block Request to Service

Block request to service for 15 minutes after 300 requests SLA has been violated. Application receives the Fault message defined in the *Service Level Enforcement Policy*.

1 Create a physical service in the *Policy Manager Management Console* using **Create Physical Service**.

2 Provide service details and **Finish** the wizard.

3 Using **Virtualize Service**, virtualize and host the physical service on Network Director (ND1), and assign a name (e.g., **Vs1**).

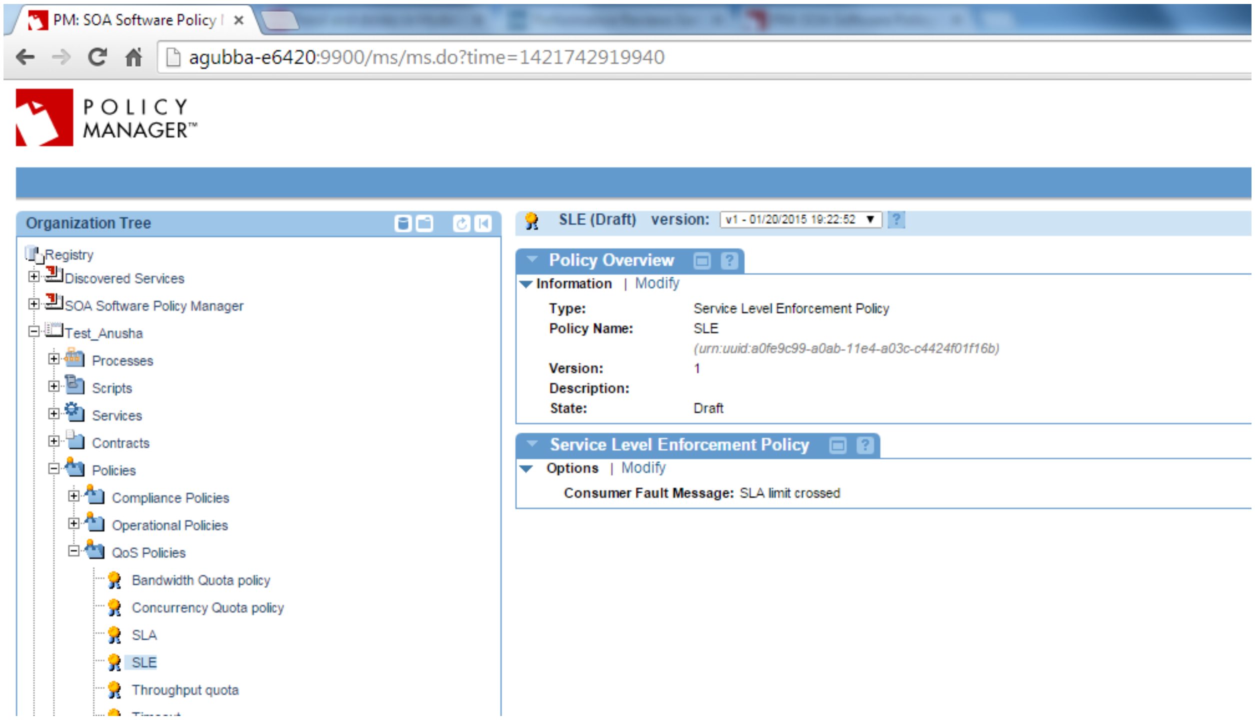
4 Navigate to *Organization > Policies > QoS Policies* and use **Add Policy** to create a *Service Level Enforcement Policy*.

5 Configure the *Service Level Enforcement Policy* and define a custom Fault message that reflects the use case scenario purpose.

6 Next, use **Add Policy** and create a *Service Level Policy*.

7 Configure this policy as per the use case with a Custom alert for **Usage Count > 300** in a 15 minute interval.

8 Attach the Service Level Enforcement policy and Service Level policy to **Vs1** service in the *Service Details > Policy Attachments > QoS* section.



SLE (Draft) version: v1 - 01/20/2015 19:22:52

Type: Service Level Enforcement Policy
Policy Name: SLE
*(urn:uuid:a0fe9c99-a0ab-11e4-a03c-c4424f01f16b)*
Version: 1
Description:
State: Draft

Consumer Fault Message: SLA limit crossed

9 Send more than 300 requests to **Vs1** from application/client.

10 The first 300 requests will be successful, and subsequent requests will fail and generate the custom Fault message defined in the *Service Level Enforcement Policy*.

# Scenario 2: SLA Clear Alert

SLA generates a clear alert and sends an email to alert the administrator(s) after the App has been denied access for 15 minutes.

1 Create a physical service in the *Policy Manager Management Console* using **Create Physical Service**.

2 Provide service details and **Finish** the wizard.

3 Using Virtualize Service, virtualize and host the physical service on Network Directory (**ND1**), and assign a name (e.g., **Vs1**).

4 Navigate to *Organization > Policies > QOS Policies* and use **Add Policy** to create a *Service Level Enforcement Policy*.

5 Configure the *Service Level Enforcement Policy* as per the use case a with a custom Fault message.

6 Navigate to *Organization > Policies > QOS Policies* and use **Add Policy** to create a *Service Level Policy*.

7 Configure the *Service Level Policy* as per the use case with a custom alert for **Usage Count > 300** in a 15 minute interval.

8 Attach the *Service Level Enforcement Policy* and *Service Level Policy* to the **Vs1** service in the *Service Details > Policy Attachments > QoS* section.

9 Send more than 300 requests to **Vs1** from application/client.

10 The first 300 requests will be successful and subsequent requests will fail and generate the custom Fault message defined in the *Service Level Enforcement Policy*.

11 After the alert is generated, if the SLA is not violated again, a clear alert will be generated.

12 If the alert is configured with an email, it will be sent to the assigned users when triggered.

## Scenario 3: SLA Reset

SLA has been reset and the App can send to the API.

1 Create a physical service in *Policy Manager Management Console* using **Create Physical Service**.

2 Provide service details and **Finish** the wizard

3 Using Virtualize Service, virtualize and host the physical service on Network Director (**ND1**), and assign a name (e.g., **Vs1**),

4 Navigate to *Organization > Policies > QOS Policies* and use **Add Policy** to create a *Service Level Enforcement Policy*.

5 Configure the *Service Level Enforcement Policy* as per the use case a custom Fault message

6 Navigate to *Organization > Policies > QOS Policies* and use **Add Policy** to create a *Service Level Policy*.

7 Configure the *Service Level Policy* as per the use case with custom alert for **Usage Count > 300** in 15 minute intervals.

8 Attach the *Service Level Enforcement Policy* and *Service Level Policy* to **Vs1** service in the *Service Details > Policy Attachments > QoS* section.

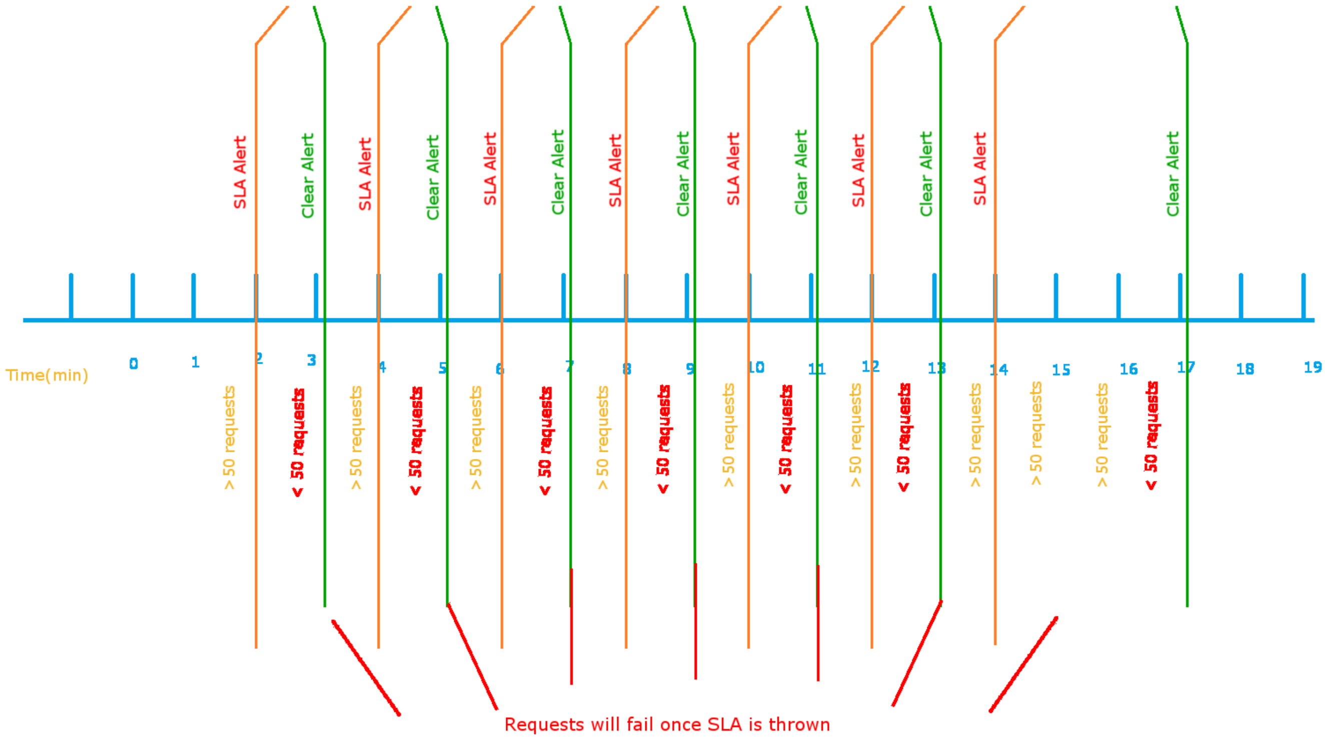
9 Send more than 300 requests to **Vs1** from application/client.

10 The first 300 requests will be successful and subsequent requests will fail  and generate the custom Fault message in *Service Level Enforcement Policy*.

11 After the alert is generated, if the SLA is not violated again, a clear alert will be generated.

12 After clear alert is generated the requests should be successful until it violates the SLA again.

# ***Timeline***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Requests will fail once SLA is thrown