

Bandwidth Quota Policy Usage Scenarios for Community Manager

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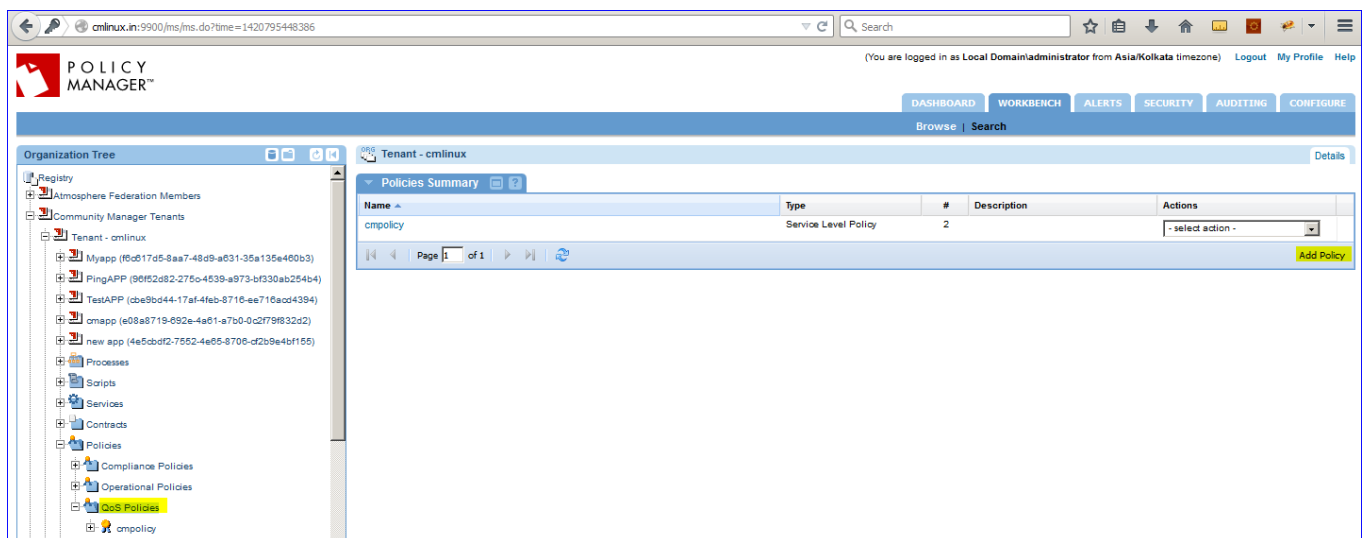
Bandwidth Quota Policy Usage Scenarios (Community Manager-specific)

This document provides a list of Community Manager-specific usage scenarios for the *Bandwidth Quota Policy*.

Add / Configure Bandwidth Quota Policy

If you are using a *Bandwidth Quota Policy* with Community Manager, the policy must be added to the Community Manager **Tenant** Organization for it to be available in the Community Manager UI.

- 1 Go to the *Policy Manager Management Console > Tenant Organization > Policies > QoS Policies* and click **Add Policy**.



- 2 Specify Policy Name, Policy Type (Bandwidth Quota Policy), click **Finish**, and then **Close**.

- 3 On the *Bandwidth Quota Policy Details* screen, click **Modify**.

- 4 Provide policy details. You can configure this policy for request or response. Configure it with small bandwidth (e.g., 1 kb, 10kb) so that you will see the policy behavior immediately. Click **Finish**.

SOA Software Policy Manager - Modify Bandwidth Quota Policy Wizard - Mozilla Firefox

POLICY MANAGER™

Modify Bandwidth Quota Policy

The "Modify Bandwidth Quota Policy" screen allows you to update the bandwidth quota policy. A Bandwidth Quota is defined as the a number of kilobytes or megabytes per second that a consumer can upload or download at any given time.

If the quota is exceeded, the runtime will throttle the traffic to conform to the quota policy. The quota is also assigned to either the request (upload) or response (download).

No alerts are generated for this policy since the bandwidth consumed is a function of the network speed and capabilities of the service provider, not the consumer.

Bandwidth Quota Policy Details

Name: Bandwidth Quota Policy

Description:

Bandwidth Quota

Bandwidth Limit: 10 kbps

Request/Response: ☒ Request ☐ Response

[Help](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)

5 If you are using Policy Manager 7.2 (or above), activate the policy. Otherwise skip this step.

POLICY MANAGER™

(You are logged in as Local Domain\administrator from Asia/Kolkata timezone) Logout My

DASHBOARD WORKBENCH ALERTS SECURITY AUDITING

Organization Tree

- Policies
 - Compliance Policies
 - Operational Policies
 - QoS Policies
 - Bandwidth Quota Policy**
 - Concurrency Quota Policy
 - Script Policy
 - Service Level Enforcement Policy
 - Service Level Policy
 - Throughput Quota Policy
 - ampolicy
- Containers
- Processes
- Scripts
- Services
- Contracts
- Policies
- Containers
- Discovered Services

Bandwidth Quota Policy (Draft) version: v1 - 01/28/2016 11:17:27

Policy Overview

Information | Modify

Type: Bandwidth Quota Policy

Policy Name: Bandwidth Quota Policy (urn:uuid:2455eafe-a6b1-11e4-afab-e14bec00ea01)

Version: 1

Description:

State: Draft

Bandwidth Quota Policy

Options | Modify

Bandwidth Limit: 10 kbps

Request/Response: request

Actions

- Change Organization
- Delete Policy
- Delete Policy Current Version
- Export Policy
- Modify Policy Information
- View Policy References

Policy Workflow

Information

State: Draft

Owner: Local Domain\administrator

Workflow Actions

Comments:

Actions:

- Activate Policy

Scenario 1: How Do I Verify Bandwidth Quota Policy?

- 1 Launch *Community Manager*.
- 2 Attach *Bandwidth Quota Policy* at the Service / Contract / Term Level.
- 3 Go to the *DEV CONSOLE* and send requests. Once the upload/download exceeds the specified limit, then runtime will throttle as illustrated below. *Note that this policy does not generate alerts.*

Run It

```
GET /prod/ HTTP/1.1
User-Agent : Mozilla/5.0 (Windows NT 6.1; WOW64; rv:34.0) Gecko/20100101 Firefox/34.0
Host : 10.7.20.129:8900
Accept : */*
Content-Type : application/x-www-form-urlencoded
Authorization : Atmosphere realm=http://atmosphere,atmosphere_app_id=TestAppRuntimeID, atmosphere_signature_method=NONE
```

