



Edge Management

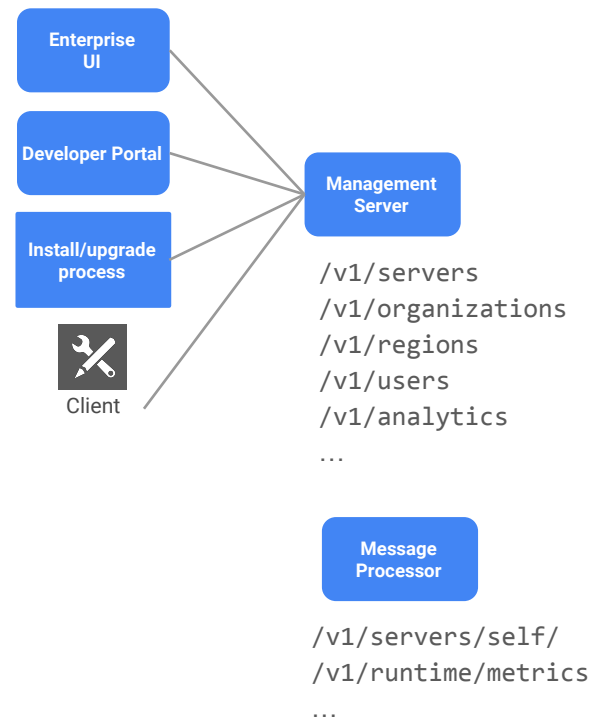
Management API

Agenda

- Management API overview
- Management API basics
- Supported resources
- Tools

Management API Overview

- Edge provides management interfaces based on REST APIs. Each server level API which provides basic functions related to the server status and operation.
- The Management Server exposes a centralized unified REST API called Management API. The Management API governs all functions on Apigee Edge, from simple operations such as deployment, reports to operations such as adding and removing capacity from a given Pod, Environment or Org. The management API supports JSON and XML, and are secured via HTTP Basic Authentication.
- Management API documentation is found here: <http://docs.apigee.com/management/apis>, additional APIs are described as part of Private Cloud Install-Config-Guide and Operations-Guide.
- Enterprise UI operations area all powered by Management API. All data shown in UI is served by Management Server.
- Installation and upgrade process as well as management scripts make use of Management API.



Management API Basics

General Structure:

```
/v1/<resource>/<id>?<attribute>=<value>&<attribute>=<value>
```

Examples:

```
/v1/organizations
```

```
/v1/organizations/<org-name>
```

```
/v1/organizations/<org-name>/environments
```

```
/v1/organizations/<org-name>/environments/<env-name>
```

```
/v1/servers?pod=<pod-name>&region=<region-name>
```

Management API - Supported resources

- Analytics
- API Proxies
- API Products
- Apps
- Apps - Company
- Apps - Developer
- Audits
- Cached Logs
- Caches
- Companies
- Company App Families
- Company App Keys
- Company Developers
- Data Masks
- Debug sessions
- Deployments
- Developer App Families
- Developer App Keys
- Developers
- Environments
- Key/Value maps
- Keystores and Truststores
- Monetization APIs
- OAuth 1.0a Access Tokens
- OAuth 1.0a Request Tokens
- OAuth 1.0a Verifiers
- OAuth2 Access Tokens
- OAuth2 Authorization Code
- OAuth2 Refresh Tokens
- Organizations
- Policies
- References
- Reports
- Resource files
- Shared flows & flow hooks
- Stats
- Target Servers
- User roles
- Users
- Vaults
- Virtual hosts

<http://docs.apigee.com/api-services/content/api-reference-getting-started>

Tools

Apigee has developed and open sourced several wrappers for the Management API. These tools allows you to execute common actions such as deploy and undeploy APIs.

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Apigee Management API Postman collection

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Apigee config Maven-plugin

<https://github.com/apigee/apigee-config-maven-plugin>



Thank You