



# Platform Operation - Part 1

# Topics

- Directory structure
- Service Control
- Component Status

# Component Naming Convention



apigee

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- `apigee`: A third-party component used by Edge.  
For example: `apigee-cassandra`.

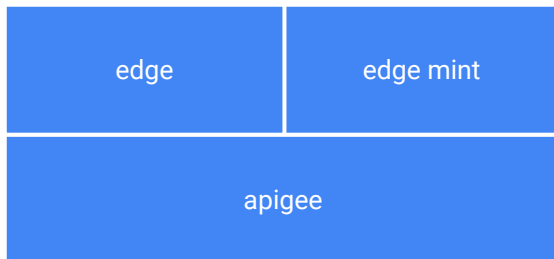
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- `edge`: An Edge component. For example: `edge-management-server`.

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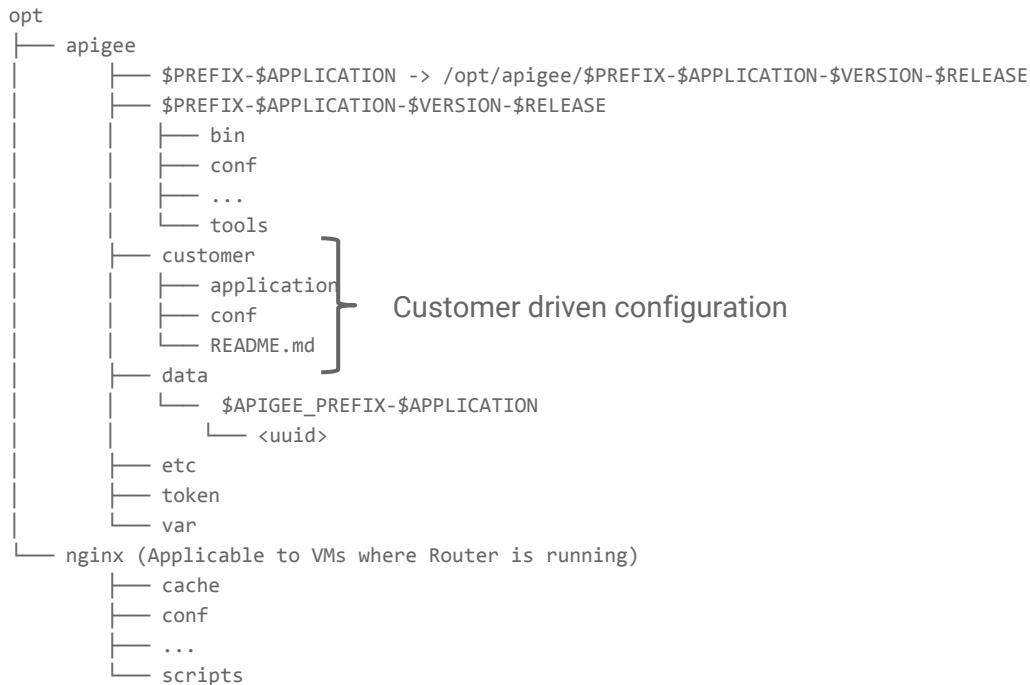


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- `apigee`: A third-party component used by Edge.  
For example: `apigee-cassandra`.
- `edge`: An Edge component. For example: `edge-management-server`.
- `edge-mint`: A Monetization component. For example:  
`edge-mint-management-server`.

# Directory Structure

Edge RPMs use the following file structure. For a given component named **\$PREFIX-\$APPLICATION**, the structure looks as follows:





# Service Control

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- The `apigee-service` command provides unified service control and component management
- The command is located at `/opt/apigee/apigee-service/bin/apigee-service`
  - Usage takes the format: `apigee-service <component> <action> [options]`
  - This directory is also added to the system search path
  - Use tab to complete `apigee-service` component names and actions
- Use `apigee-service` to manage the runtime state and internal configuration of each component:
  - > `apigee-service apigee-cassandra stop`
  - > `apigee-service edge-router restart`
  - > `apigee-service edge-management-server store_ldap_credentials`
  - > `apigee-service apigee-postgresql setup-replication-on-standby -f /tmp/config.txt`
- The `apigee-all` (`/opt/apigee/apigee-service/bin/apigee-all`) command applies `apigee-service` actions to all components found on a host:
  - > `apigee-all stop`
  - > `apigee-all restart`
  - > `apigee-all status`
  - > `apigee-all version`
  - > `apigee-all backup`
  - > `apigee-all wait_for_ready`
- To see all available components, run `apigee-service help`





# Component Status

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- Edge components (for example, edge-management-server) expose a service management API on a custom port
- Valid API calls vary by component, but all components support a set of core calls used to check status:
  - `/v1/servers/self`
  - `/v1/servers/self/up`
  - `/v1/servers/self/uuid`
- To call a component API, use curl or your HTTP client of choice:

```
> curl http://router-addr:8081/v1/servers/self/up
```
- Additional calls are explored in the next section

Component	API Port
edge-management-server	8080
edge-router	8081
edge-message-processor	8082
edge-qpuid-server	8083
edge-postgres-server	8084



# Thank You