## apigee

# Edge Profile Setup Overview

Requirements analysis	Infrastructure provisioning	Bootstrapping	Validation	
Installation topology design	minastructure provisioning	Edge profile setup		
Organization design		Organization provisioning	Post-installation activities	
Capacity planning	Prerequisites	Developer portal profile setup		
Planning	Preparation	Installation		

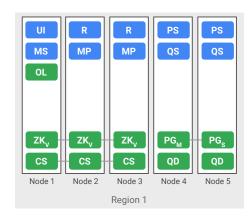


### Edge Profile Setup

- Configures services on each host
- Requires a profile and response file

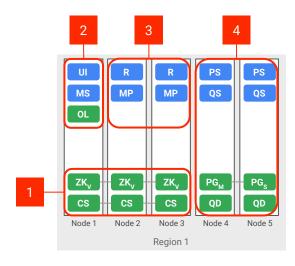


### **Installation Topology**





### **Installation Topology**





## **Edge Profiles**

Profile	Description	Profile	Description
С	Install Cassandra only	ui	Install the Edge UI
zk	Install ZooKeeper only	qs	Install Qpid Server only
ds	Install ZooKeeper and Cassandra	ps	Install Postgres Server only
Id	Install OpenLDAP only	sax	Install the analytics components, meaning Qpid and Postgres
ms	Install Edge Management Server, which also installs the Edge UI and OpenLDAP	mo	Install Monetization
r	Install Edge Router only	sa	Install Edge standalone, meaning Cassandra, ZooKeeper, Management Server, OpenLDAP, Edge UI, Router, and Message Processor. This option omits the Edge analytics components: Qpid and Postgres.
mp	Install Edge Message Processor only	aio	Install all components on a single node
rmp	Install Edge Router and Message Processor		



#### Response File

- Flat text file
- Contains Bash variables
- Used by several different installation tasks
- Usually the same on each host in a region



#### Response File Example

```
HOSTIP="10.142.0.29"
                                             USE CASS CLUSTER="y"
                                             CASS HOSTS="10.142.0.29:1,1
MSIP="10.142.0.29"
                                             10.142.0.24:1,1 10.142.0.28:1,1"
                                             USE CASS CLUSTERNAME="Apigee"
ADMIN EMAIL="opdk@google.com"
APIGEE ADMINPW="ILoveAPIs123"
                                             CASS AUTH="v"
LICENSE FILE="/tmp/apigee/license.txt"
                                             CASS USERNAME="cassandra"
                                             CASS PASSWORD="cassandra"
USE LDAP REMOTE HOST="n"
                                             PG PWD="ILoveAPIs123"
LDAP TYPE="1"
APIGEE LDAPPW="ILoveAPIs123"
                                             SKIP SMTP="y"
                                             SMTPMAILFROM="noreply@apigee.com"
ENABLE AX="y"
                                             BIND ON ALL INTERFACES="v"
MP POD="gateway"
REGION="dc-1"
USE ZK CLUSTER="y"
ZK HOSTS="10.142.0.29 10.142.0.24
10.142.0.28"
ZK CLIENT HOSTS="10.142.0.29 10.142.0.24
10.142.0.28"
```



#### Response File Example

#### Region 1

```
HOSTIP="$(hostname -i)"
MSIP="$DC1IP1"
ADMIN EMAIL="<email@example.com>"
APIGEE ADMINPW="<password>"
LICENSE_FILE="/tmp/apigee/license.txt"
USE_LDAP_REMOTE_HOST="n"
LDAP TYPE="2"
LDAP SID="1"
LDAP PEER="$DC2IP1"
APIGEE LDAPPW="<password>"
MP POD="gateway"
REGION="dc-1"
ZK_HOSTS="$DC1IP2 $DC1IP3 $DC1IP4 $DC2IP2 $DC2IP3 $DC2IP4:observer"
ZK_CLIENT_HOSTS="$DC1IP2 $DC1IP3 $DC1IP4"
CASS_HOSTS="$DC1IP2:1,1 $DC1IP3:1,1 $DC1IP4:1,1 $DC2IP2:2,1 $DC2IP3:2,1
$DC2IP4:2,1"
PG MASTER="$DC1IP5"
PG STANDBY="$DC2IP5"
PG_PWD="postgres"
SKIP SMTP="v"
SMTPHOST="smtp.example.com"
SMTPPORT="25"
SMTPUSER="smtp@example.com"
SMTPPASSWORD="<password>"
SMTPSSL="n"
BIND_ON_ALL_INTERFACES="y"
```

#### Region 2

```
HOSTIP="$(hostname -i)"
MSIP="$DC2IP1"
ADMIN EMAIL="<email@example.com>"
APIGEE ADMINPW="<password>"
LICENSE_FILE="/tmp/apigee/license.txt"
USE LDAP REMOTE HOST="n"
LDAP TYPE="2"
LDAP SID="2"
LDAP PEER="$DC1IP1"
APIGEE_LDAPPW="<password>"
MP POD="gateway"
REGION="dc-2"
ZK HOSTS="$DC1IP2 $DC1IP3 $DC1IP4 $DC2IP2 $DC2IP3 $DC2IP4:observer"
ZK CLIENT HOSTS="$DC2IP2 $DC2IP3 $DC2IP4"
CASS_HOSTS="$DC2IP2:2,1 $DC2IP3:2,1 $DC2IP4:2,1 $DC1IP2:1,1 $DC1IP3:1,1
$DC1IP4:1.1"
PG MASTER="$DC1IP5"
PG STANDBY="$DC2IP5"
PG_PWD="postgres"
SKIP SMTP="v"
SMTPHOST="smtp.example.com"
SMTPPORT="25"
SMTPUSER="smtp@example.com"
SMTPPASSWORD="<password>"
SMTPSSL="n"
BIND_ON_ALL_INTERFACES="y"
```



#### Response File Settings

https://docs.apigee.com/private-cloud/latest/install-edge-components-node#installedgecomponents

https://docs.apigee.com/private-cloud/latest/edge-configuration-file-reference



#### **Running Setup**

/opt/apigee/apigee-setup/bin/setup.sh -f <response\_file> -p rofile>



# apigee Thank You