apigee Installation Planning

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



Requirements Analysis

- Non-production or production
- Region count
- Regional redundancy
- Expected traffic load
- Payload size
- API proxy complexity



Requirements Analysis

- Host redundancy
- Analytics data retention period
- Management server redundancy
- Management server latency
- Developer portal

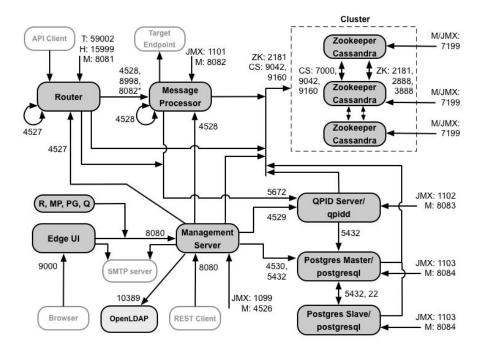


Choosing an Installation Topology Design

- Architecture templates can be used as-is or tweaked to suit your needs
- https://docs.apigee.com/private-cloud/latest/installation-topologies
- More than one Apigee planet is usually required
 - Code development and testing
 - Infrastructure testing
 - Production



Firewall Requirements



https://docs.apigee.com/private-cloud/latest/installation-requirements#firewallsandvirtualhosts



Organizations and Environments

- Organizations provide security isolation for users and resources
- Environments group together deployable resources
- Message processing capacity is allocated at the environment level
- Common mapping:
 - Single organization for the company, same name in each planet
 - Environments for each SDLC stage (dev, test, etc.) split across multiple planets



Capacity Planning

- Capacity planning is an ongoing process
- The Apigee architecture is flexible and can be changed over time to accomodate traffic growth and additional availability



apigee Thank You