Infrastructure Provisioning and Prerequisites

Google Cloud

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	

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Host Resource Requirements

- Production planets will usually have higher CPU, memory, and disk requirements

- Message processor, Cassandra, and PostgreSQL have the highest resource requirements

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

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Operating System

- Red Hat Enterprise Linux and variants are supported

- Check the OS support list for developer portal

https://docs.apigee.com/api-services/reference/supported-software

Firewalls

- Network firewall ports must be opened before installation time
- Any local network restrictions (iptables, TCP wrappers) should be disabled

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

Prerequisites

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

Prerequisites

- Users and groups
  - Apigee user and group will be created if they do not exist
  - Files are owned by apigee:apigee
  - Services run as apigee
  - External directory user can be used
- Installation location
  - Apigee is installed to /opt/apigee
  - Symlink can be used to relocate
  - Files must still be owned by apigee

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Prerequisites

- Supported JDK is required

- SELinux must be disabled during the installation

- System limits are recommended for Cassandra and message processor hosts

- SMTP relay is required for developer portal, suggested for management server

Prerequisites

- Apigee software repository credentials will be used during the installation
- OS distributor and EPEL repositories must be available
- https://fedoraproject.org/wiki/EPEL
- Root access is required

Software Distribution

- https://software.apigee.com/

- Local network mirror

- Packaged tarball generated from local mirror

Thank You

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