



Mobile Policy Types Commands

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api unified

Configures unified API parameters.

Privilege Security Administrator, Administrator

Command Modes Exec > Global Configuration

Syntax Description `api unified { [engine-group engine_group] [externalIPs ip_address] }`

engine-group *engine_group*

Specify the default engine group to receive Unified API traffic.

externalIPs *ip_address*

Specify external IP address for the unified-api service.

Must be an IP address.

Usage Guidelines Use this command to configure unified API parameters.

engine

Configures the engine parameters.

Privilege Security Administrator, Administrator

Command Modes Exec > Global Configuration

Syntax Description `engine engine_name [boot-config engine_name | config-lock { false | true } | environment environment_variables | grpc grpc_configuration_options | install-features application_features | patching patching_jars | properties system_properties | release-train release_train_image | replicas replica_count | repository helm_repository | subversion-config-url subversion_config_url | subversion-run-url subversion_run_url | tracing-service-name tracing_server | unified-api-replicas unified_api_count]`

grouping engine_group_name

Specify the engine group's name.

Must be a string in the pattern '[a-zA-Z][a-zA-Z0-9]*'.

config-lock { false | true }

Specify to enable or disable the configuration lock.

Must be either "false" or "true".

Default Value: false.

boot-config engine_name

Specify the engine name to boot the initial engine group.

replicas replica_count

Specify the replica count.

Must be an integer.

Default Value: 1.

unified-api-replicas unified_api_count

Specify the unified API count.

Must be an integer.

Default Value: 1.

subversion-run-url subversion_run_url

Specify the subversion run URL.

Must be a string.

subversion-config-url *subversion_config_url*

Specify the subversion configuration URL.

Must be a string.

repository *helm_repository*

Specify the Helm repository.

release-train *release_train_image*

Specify the release train image.

Must be a string.

tracing-service-name *tracing_server_name*

Specify the tracing server name used for Policy Engine.

Must be a string.

Usage Guidelines

Use this command to configure the engine parameters.

engine environment

Configures the environment variables exposed to engine-app pods.

Privilege

Security Administrator, Administrator

Command Modes

Exec > Global Configuration

Syntax Description

engine *engine_name* **environment** *environment_variables*

name *environment_name*

Specify the environment name.

Must be a string.

value *value*

Specify the value for the environment.

Must be a string.

Usage Guidelines

Use this command to configure the environment variables exposed to engine-app pods.

engine grpc

Configures the gRPC parameters.

Privilege

Security Administrator, Administrator

Command Modes

Exec > Global Configuration

Syntax Description

engine *engine_name* **grpc** [**externalIPs** *external_ip_address* | **port** *grpc_port_number*]

port *grpc_port_number*

Specify the gRPC port number.

Must be an integer.

externalIPs *external_ip_address*

Specify the external IP address.

Must be an IP address.

Usage Guidelines

Use this command to configure the gRPC parameters.

engine install-features

Configures the installation feature parameters.

Privilege

Security Administrator, Administrator

Command Modes

Exec > Global Configuration

Syntax Description

engine *engine_name* **install-features** { **policy-builder** *policy_builder_name* | **policy-server** *policy_server_name* }

policy-builder *policy_builder_name*

Specify the policy builder feature to be installed.

Must be a string.

policy-server *policy_server_name*

Specify the policy server feature feature to be installed.

Must be a string.

Usage Guidelines

Use this command to configure the feature parameters.

engine patching patch

Configures the patching parameters.

Privilege Security Administrator, Administrator

Command Modes Exec > Global Configuration

Syntax Description `engine engine_name patching patch patch_id [[jar jar_to_patch] [version jar_version_number]]`

patch_id

Specify the ID of the patch to apply.

Must be a string.

version jar_version_number

Specify the version number of jar. Changes every time a new patch is uploaded.

Must be an integer.

Default Value: 1.

jar jar_to_patch

Specify the jar to patch.

Must be a string.

Usage Guidelines Use this command to configure the patching parameters.

engine properties

Configures the system properties passed to the application.

Privilege Security Administrator, Administrator

Command Modes Exec > Global Configuration

Syntax Description `engine engine_name properties system_properties`

name environment_name

Specify the environment name.

Must be a string.

value value

Specify the value for the environment.

Must be a string.

Usage Guidelines Use this command to configure the system properties passed to the application.

engine resources limits

Configures the resource request parameters.

Privilege Security Administrator, Administrator

Command Modes Exec > Global Configuration

Syntax Description `engine engine_name resources limits { [cpu cpu_limit] [memory memory_limit] }`

cpu cpu_limit

Specify the CPU limit. If not specified, the default value is set to 18.

Must be a string.

memory memory_limit

Specify the memory limit. If not specified, the default value is set to 20Gi.

Must be a string.

Usage Guidelines Use this command to configure the resource request parameters.

engine resources requests

Configures the resource request parameters.

Privilege Security Administrator, Administrator

Command Modes Exec > Global Configuration

Syntax Description `engine engine_name resources requests { [cpu cpu_request] [memory memory_request] }`

cpu cpu_request

Specify the CPU request.

Must be a string.

memory memory_request

Specify the memory request.

Must be a string.

Usage Guidelines Use this command to configure the resource request parameters.

external-services

Configures access to external services.

Privilege Security Administrator, Administrator

Command Modes Exec > Global Configuration

Syntax Description `external-services K8 service name service_name [ips ip_address | port port_number]`

K8 Service name *service_name*

Specify the Kubernetes or the external service name.

Must be a string in the pattern '[a-z]([-a-z0-9]*[a-z0-9])?'.

ips *ip_address*

Specify the IP address of the external service.

Must be an IP address.

port *port_number*

Specify the port number of the external service.

Must be a port number.

Usage Guidelines Use this command to configure the access to external services.

label cdl-layer

Configures the CDL pods node affinity label.

Privilege Security Administrator, Administrator

Command Modes Exec > Global Configuration

Syntax Description `cdl-layer { key label_key | value label_value }`

key *label_key*

Specify the label key.

Must be a string.

value *label_value*

Specify the label value.

Must be a string.

Usage Guidelines Use this command to configure the CDL.

label oam-layer

Configures the OAM pods node affinity label.

Privilege Security Administrator, Administrator

Command Modes Exec > Global Configuration

Syntax Description `oam-layer { key label_key | value label_value }`

key *label_key*

Specify the label key.

Must be a string.

value *label_value*

Specify the label value.

Must be a string.

Usage Guidelines Use this command to configure the OAM pods node affinity label.

label protocol-layer

Configures the protocol layer pod node affinity label.

Privilege Security Administrator, Administrator

Command Modes Exec > Global Configuration

Syntax Description `protocol-layer { key label_key | value label_value }`

key *label_key*

Specify the label key.

Must be a string.

value *label_value*

Specify the label value.

Must be a string.

Usage Guidelines Use this command to configure the protocol layer pod node affinity label.

label service-layer

Configures the service pods node affinity label.

Privilege Security Administrator, Administrator

Command Modes Exec > Global Configuration

Syntax Description **service-layer** { **key** *label_key* | **value** *label_value* }

key *label_key*

Specify the label key.

Must be a string.

value *label_value*

Specify the label value.

Must be a string.

Usage Guidelines Use this command to configure the service pods node affinity label.

