Python RADIUS CLI Command Descriptions

Generic Commands

description

Syntax	**description** *description-string* **no description**
Context	confif>aaa>radius-script-policy

This command creates a text description stored in the configuration file for a configuration context.

The **description** command associates a text string with a configuration context to help identify the context in the configuration file.

The **no** form of this command removes any description string from the context.

Default	No description is associated with the configuration context.
Parameters	*description-string —* A text string describing the entity. Allowed values are any string up to 80 characters long composed of printable, 7-bit ASCII characters excluding double quotes. If the string contains special characters (#, $, spaces, etc.), the entire string must be enclosed within double quotes.

shutdown

Syntax	[no] **shutdown**
Context	config>aaa>radius-scr-plcy>primary config>aaa>radius-scr-plcy>secondary
Description	The **shutdown** command administratively disables the entity. When disabled, an entity does not change, reset, or remove any configuration settings or statistics. Many entities must be explicitly enabled using the **no shutdown** command.

The **shutdown** command administratively disables an entity. The operational state of the entity is disabled as well as the operational state of any entities contained within. Many objects must be shut down before they can be deleted.

Unlike other commands and parameters where the default state is not indicated in the configuration file, **shutdown** and **no shutdown** are always indicated in system generated configuration files.

The **no** form of the command puts an entity into the administratively enabled state.

Default	no shutdown

Script Commands

radius-script-policy

Syntax	**radius-script-policy** *policy-name* [**create**] **no radius-script-policy** *policy-name*
Context	config>aaa
Description	This command configures a RADIUS script policy. The no form of the command removes the scrip policy from the configuration.
Default	none
Parameters	*policy-name —* Configures Python scripts to modify RADIUS messages.
	create — This keyword is required when first creating the configuration context. Once the context is created, it is possible to navigate into the context without the **create** keyword.

action-on-fail

Syntax	**action-on-fail {drop|passthrough}** **no action-on-fail**
Context	config>aaa>radius-scr-plcy
Description	specifies the action taken when Python fails to modify the RADIUS message. The **no** form of the command reverts to the default.
Default	drop
Parameters	**drop —** Specifies that the packet will be dropped.
	passthrough — Specifies that the packet will be sent out without any modifications.

primary

Syntax	**primary**
Context	config>aaa>radius-scr-plcy
Description	This command enables the context to configure a primary script.
Default	none

script-url

Syntax	**script-url** *primary-script-url*
	no script-url
Context	config>aaa>radius-scr-plcy>primary
Description	This command configures the URL of the primary script.
	The no form of the command removes the URL from the configuration.
Default	no script-url
Parameters	*primary-script-url* — Specifies the URL of the secondary script to change RADIUS attributes of the RADIUS message.

secondary

Syntax	**secondary**
Context	config>aaa>radius-scr-plcy
Description	This command enables the context to configure a secondary script.
Default	none

script-url

Syntax	**script-url** *secondary-script-url*
	no script-url
Context	config>aaa>radius-scr-plcy>secondary
Description	Specifies the URL of the secondary script to change RADIUS attributes of the RADIUS message.
	The no form of the command removes the URL from the configuration.
Default	no script-url
Parameters	*secondary-script-url* — Specifies the URL of the secondary script to change RADIUS attributes of the RADIUS message.

l2tp-accounting-policy

Syntax	**l2tp-accounting-policy** *policy-name* [**create**]
	no l2tp-accounting-policy *policy-name*
Context	config>aaa
Description	This command configures an L2TP accounting policy.
	The **no** form of the command removes the policy-name from the configuration.

Default none

Parameters *policy-name —* Specifies a policy name

      create — This keyword is required when first creating the configuration context. Once the context is created, it is possible to navigate into the context without the **create** keyword.

request-script-policy

Syntax **request-script-policy** *script-policy*
no request-script-policy

Context config>aaa>l2tp-accounting-policy
config>aaa>radius-srv-plcy

Description This command configures a Python script policy to modify Access-Request.

The **no** form of the command removes the policy-name from the configuration.

Default none

Parameters *script-policy —* Specifies a the RADIUS script policy used to change the RADIUS attributes of the outgoing Access-Request messages.

radius-server-policy

Syntax **radius-server-policy** *policy-name* [**create**]
no radius-server-policy *policy-name*

Context config>aaa

Description This command configures the RADIUS script policy used to change the RADIUS attributes of the outgoing Access-Accept messages.

The **no** form of the command removes the policy-name from the configuration.

Default none

Parameters *policy-name —* Specifies a the RADIUS script policy used to change the RADIUS attributes of the outgoing Access-Request messages.

      create — This keyword is required when first creating the configuration context. Once the context is created, it is possible to navigate into the context without the **create** keyword.

authentication-policy

Syntax **authentication-policy** *name* [**create**]
no authentication-policy

Context config>subscr-mgmt

Description This command creates the context to configure RADIUS server parameters for session authentication.

The **no** form of the command removes the RADIUS server configuration for session authentication.

RADIUS servers can be configured for three different applications:

1. For authentication of dynamic Triple Play subscriber sessions, under `config>subscr-mgmt>authentication-plcy`

2. For 802.1x port authentication, under `config>system>security>dot1x>radius-plcy`

3. For CLI login users, under `config>system>radius`

Default none

Parameters *name —* The name of the profile. The string is case sensitive and limited to 32 ASCII 7-bit printable characters with no spaces.

accept-script-policy

Syntax **accept-script-policy** *policy-name*
no accept-script-policy

Context config>aaa>radius-srv-plcy

Description This command configures the the RADIUS script policy used to change the RADIUS attributes of the outgoing Access-Accept messages.

The **no** form of the command removes the policy name from the configuration.

Default no accept-script-policy

Parameters *policy-name —* Specifies the Python script policy to modify Access-Accept.

radius-accounting-policy

Syntax **radius-accounting-policy** *name* [**create**]
no radius-accounting-policy

Context config>subscr-mgmt

Description This command specifies a subscriber RADIUS based accounting policy.

Parameters *name —* The name of the policy. The string is case sensitive and limited to 32 ASCII 7-bit printable characters with no spaces.

coa-script-policy

Syntax **coa-script-policy** *policy-name*
no coa-script-policy

Context config>subscr-mgmt>auth-plcy

Description	This command configures the RADIUS script policy used to change the RADIUS attributes of the Change-of-Authorization messages.
	The **no** form of the command removes the policy name from the configuration.
Default	none
Parameters	*policy-name —* Specifies the Python script policy to modify the Change-of-Authorization messages.

request-script-policy

Syntax	**request-script-policy** *policy-name*
	no request-script-policy
Context	config>subscr-mgmt>auth-plcy
Description	This command configures the RADIUS script policy used to change the RADIUS attributes of the outgoing Access-Request messages.
	The **no** form of the command removes the policy name from the configuration.
Default	none
Parameters	*policy-name —* Specifies the Python script policy to modify Access-Request messages.

acct-request-script-policy

Syntax	**acct-request-script-policy** *policy-name*
	no acct-request-script-policy
Context	config>subscr-mgmt>acct-plcy#
Description	This command configures the Python script policy to modify Accounting-Request messages.
	The **no** form of the command removes the policy name from the configuration.
Default	none
Parameters	*policy-name —* Specifies the Python script policy to modify Accounting-Request messages.