

Python Commands

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```

config
— python
  — python-policy name [create]
  — no python-policy name
    — [no] cache
      — entry-size size
      — no entry-size
      — max-entries count
      — no max-entries
      — max-entry-lifetime [days days] [hrs hours] [min minutes] [sec seconds]
      — no max-entry-lifetime
      — mcs-peer ip-address sync-tag [32 chars max]
      — no mcs-peer
      — minimum-lifetimes
        — high-availability seconds
        — no high-availability
        — multi-chassis-redundancy seconds
        — no multi-chassis-redundancy
        — persistence seconds
        — no persistence
      — [no] persistence
      — [no] shutdown
    — description description-string
    — no description
    — dhcp type direction {ingress | egress} script script
    — no dhcp type direction {ingress | egress}
    — dhcp6 type direction {ingress | egress} script script
    — no dhcp6 type direction {ingress | egress}
    — diameter diameter type direction {ingress|egress} script [32 chars max]
    — no diameter type direction {ingress|egress}
    — radius type direction {ingress | egress} script script
    — no radius type direction {ingress | egress}

```

```

config
— python
  — python-script name [create]
  — no python-script name
    — action-on-fail {drop | passthrough}
    — no action-on-fail
    — description description-string
    — no description
    — primary-url url
    — no primary-url
    — protection none

```

- **protection** **hmac-sha256** *key key* [*hash|hash2*]
- **no protection**
- **secondary-url** *url*
- **no secondary-url**
- **[no] shutdown**
- **[no] tertiary-url** *url*
- **no tertiary-url**

config

- **aaa**
 - **radius-server-policy** *policy-name* [**create**]
 - **no radius-server-policy** *policy-name*
 - **python-policy** *name*
 - **no python-policy**

config

- **router** *router-name*
 - **radius-proxy**
 - **server** *server-name* [**create**] [**purpose** {[**accounting**][**authentication**]}] [**wlan-gw-group** *wlan-gw-group-id*]
 - **no server** *server-name*
 - **python-policy** *name*
 - **no python-policy**

config

- **system**
 - **persistence**
 - **python**
 - **description** *description-string*
 - **no description**
 - **location** *cflash-id*
 - **no location**

config

- **redundancy**
 - **multi-chassis**
 - **peer**
 - **sync**
 - **[no] python**

Services Commands

Refer to the 7x50 SR OS Services Guide for information on command syntax and CLI descriptions.

```

config
— service
    — vpls service-id
    — no vpls service-id
        — sap sap-id [create] [capture-sap]
        — no sap sap-id
            — dhcp-python-policy policy-name
            — no dhcp-python-policy
            — dhcp6-python-policy policy-name
            — no dhcp6-python-policy

config
— service
    — ies service-id [create]
    — no ies service-id
    — vprn service-id [create]
    — no vprn service-id
        — subscriber-interface ip-int-name
        — no subscriber-interface ip-int-name
            — dhcp
                — python-policy name
                — no python-policy
            — group-interface ip-int-name
            — no group-interface ip-int-name
                — dhcp
                    — python-policy name
                    — no python-policy
            — ipv6
                — dhcp6
                    — python-policy name
                    — no python-policy

config
— service
    — vprn service-id [create]
    — no vprn service-id
        — radius-proxy
            — server server-name [create] [purpose {[accounting][authentication]}
                [wlan-gw-group wlan-gw-group-id]
            — no server server-name
                — python-policy name
                — no python-policy

```

Tools Commands

tools

- **dump**
 - **python-policy** *name* **cache**
 - **python-policy** *name* **cache** **hex-key** *hex-string*
 - **python-policy** *name* **cache** *string-key* [512 chars max]
- **perform**
 - **python-policy** *name* **cache** **hex-key** *hex-string* **set-lifetime** [0..2147483647]
 - **python-policy** *name* **cache** *string-key* [512 chars max] **set-lifetime** [0..2147483647]
 - **python-script protect** **input** *file-url* **hmac-sha256** **key** *secret-key* **output** *file-url*
 - **python-script protect** *name*

Show Commands

```
show
  — python
    — python-policy
    — python-policy policy-name [association]
    — python-script
    — python-script script-name [association | source-in-use]
```

Debug Commands

```
debug
  — python
    — [no] python-script name
    — script-all-info
    — [no] script-compile-error
    — [no] script-export-variables
    — [no] script-output
    — [no] script-output-on-error
```

Clear Commands

```
clear
  — python
    — python-policy name cache
    — python-policy name cache hex-key hex-string
    — python-policy name cache string-key [512 chars max]
```

Clear Commands