# **CDN** node management

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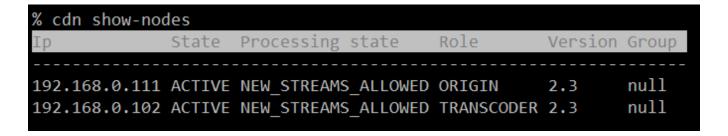
### CDN node state

#### cdn show-nodes

Shows CDN nodes list visible by current node

Example:

cdn show-nodes

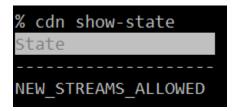


#### cdn show-state

Shows current CDN node state

Txample:

cdn show-state



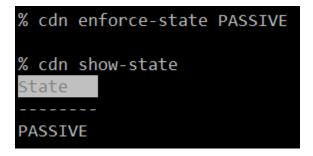
#### cdn enforce-state

Explicitly set current CDN node state or clear previously set.

Parameters: [state] node state

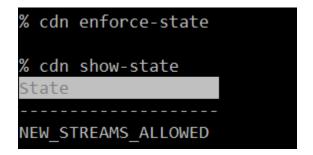
Example:

cdn enforce-state PASSIVE



If the parameter is not set, the command clears state that was previously set:

cdn enforce-state



# Transcoding profiles

## cdn profile-print

Shows transcoding profiles list set on current CDN node

Example:

cdn profile-print

```
% cdn profile-print
Profile -360p
Type Width Height Bitrate Codec Quality
Video 0
          360 0 h264 0
Profile -480p
Type Width Height Bitrate Codec Quality
Video 0 480 0 h264 0
Profile -720p
Type Width Height Bitrate Codec Quality
Video 0 720 0 h264 0
Profile -240p
Type Width Height Bitrate Codec Quality
Video 0
          240
                 0
                        h264 0
```

cdn profile-remove

Remove the transcoding profile from the current CDN node

cprofile name> transcoding profile name (mandatory)

Example:

```
cdn profile-remove -720p
```



## Stream routes

#### cdn show-routes

Shows active stream routes in CDN visible by this node

Example:

cdn show-routes

#### % cdn show-routes

#### cdn show-route

Shows the stream routes visible by this CDN node

#### Parameters:

<stream name> stream name to show routes (mandatory)

#### Example:

cdn show-route test-240p

# % cdn show-route test-240p Route REQUESTED-PROFILE:[VIDEO{width=0, height=240, gop=null, fps=null, bitrate=0, codec='h264', codecImpl='null', quality=0, preset=null, profile=null, level=null}] 1-NEW-TRANSCODER-192.168.0.102:[] 2-PROXY-192.168.0.111:[AUDIO{bitrate=0, codec='opus', rate=48000, channels=2}, VIDEO{width=640, height=480, gop=null, fps=null, bitrate=0, codec='H264', codecImpl='', quality=0, preset=null, profile=null, level=null}]

## Stream ACL keys

#### cdn acl-add

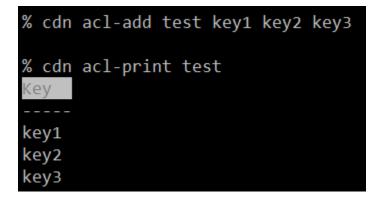
Set ACL keys to the stream

#### Parameters:

- <stream name> stream name to set ACL (mandatory)
- <keys>... ACL keys list divided by whitespace (mandatory)

#### Example:

cdn acl-add test key1 key2 key3



#### cdn acl-print

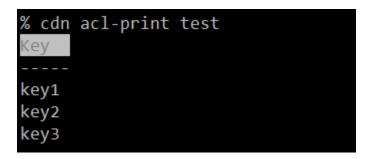
Shows ACL keys list for the stream

#### Parameters:

<stream name > stream name to show (mandatory)

Example:

cdn acl-print test



#### cdn acl-remove

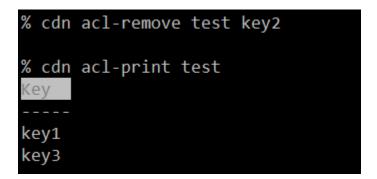
Remove one or more ACL keys from the stream

#### Parameters:

<stream name> stream name to remove keys (mandatory) <keys>...ACL keys list divided by whitespace (mandatory)

#### Example:

cdn acl-remove test key2



#### cdn acl-delete

Clear ACL keys list for the stream

#### Parameters:

<stream name> stream name to clear keys (mandatory)

#### Example:

cdn acl-delete test

```
% cdn acl-delete test
% cdn acl-print test
ACL test not found
```

## Signaling connections management

cdn show-connections

#### Dispalys active CDN 2.4 connections

#### Example:

cdn show-connections

% cdn show-connections											
Ip	State	Inbound	Outbound	Last	rtt	Max	rtt	Last	SN	In	flight
	ACTIVE	false	true	1		2057		127		0	