

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-nodes
Ip           State Processing state  Role           Version Group
-----
192.168.0.111 ACTIVE NEW_STREAMS_ALLOWED ORIGIN         2.3          null
192.168.0.102 ACTIVE NEW_STREAMS_ALLOWED TRANSCODER     2.3          null
```

cdn show-state

Shows current CDN node state

Example:

```
cdn show-state
```

```
% cdn show-state
State
-----
NEW_STREAMS_ALLOWED
```

cdn enforce-state

Explicitly set current CDN node state or clear previously set.

Parameters:
[state] node state

Example:

```
cdn enforce-state PASSIVE
```

```
% cdn enforce-state PASSIVE  
  
% cdn show-state  
State  
-----  
PASSIVE
```

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

```
cdn enforce-state
```

```
% cdn enforce-state  
  
% cdn show-state  
State  
-----  
NEW_STREAMS_ALLOWED
```

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

Parameters:
<profile name> transcoding profile name (mandatory)

Example:

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

```
% cdn profile-remove -720p

% 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 -240p
-----

Type  Width Height Bitrate Codec Quality
-----
Video 0      240     0      h264    0
```

Stream routes

cdn show-routes

Shows active stream routes in CDN visible by this node

Example:

```
cdn show-routes
```

```
% cdn show-routes
```

```
Route
```

```
0-192.168.0.111-0-[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}]-test
```

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-add test key1 key2 key3
```

```
% cdn acl-print test
```

```
Key
```

```
-----
```

```
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-print test
Key
-----
key1
key2
key3
```

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-remove test key2

% cdn acl-print test
Key
-----
key1
key3
```

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
-----
[redacted]  ACTIVE false   true    1      2057   127   0
```