# CDN node management

# CDN node state

#### cdn show-nodes

Shows CDN nodes list visible by current node

Example:

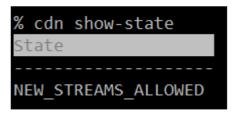
cdn show-nodes % cdn show-nodes Ip State Processing state Role Version Group 192.168.0.111 ACTIVE NEW\_STREAMS\_ALLOWED ORIGIN 2.3 null 192.168.0.102 ACTIVE NEW\_STREAMS\_ALLOWED TRANSCODER 2.3 null

cdn show-state

Shows current CDN node state

Example:

cdn show-state



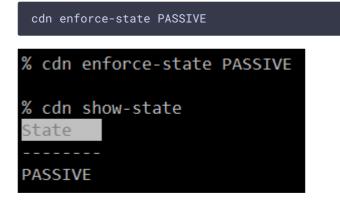
## cdn enforce-state

Explicitly set current CDN node state or clear previously set.

Parameters:



Example:



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									
Profi	le -360	∂р							
		-							
Туре	Width	Height	Bitrate	Codec	Quality				
Video	0	360	0	h264	0				
		-							
Profi.	le -480	∂р							
		-							
_									
Туре	Width	Height	Bitrate	Codec	Quality				
Video	0	480	0	h264	0				
		-							
Proti.	le -720	∂р							
		-							
Туре	Width	Height	Bitrate	Codec	Quality				
Video	0	720	0	h264	0				
	1	-							
Prot1.	le -240	эр							
		-							
-					0 111				
Туре	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 pr	ofile-rem	ove -720p				
% cdn	profi	le-remov	ve -720p			
% cdn	profi	le-prin†	t			
Profi	le -360	- ∂p				
		-				
Туре	Width	Height	Bitrate	Codec	Quality	
Video	0	360	0	h264	0	
		-				
Profi	le -480	∂р				
		-				
Туре	Width	Height	Bitrate	Codec	Quality	
Video	0	480	0	h264	0	
		-				
Profi	le -240	∂р				
		-				
Туре	Width	Height	Bitrate	Codec	Quality	
Video	0	240	 Ø	h264	0	
120120						

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 Noute REQUESTED-PROFILE:[VIDEO{width=0, height=240, gop=null, fps=null, bitrate=0, codec='h264', codecImpl='null', quality=0, preset=null, profile=null, leve1=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, bitra te=0, codec='H264', codecImpl='', quality=0, preset=null, profile=null, leve1=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
<b>%</b> Ке		acl-prim	nt tes	st		
 ke						
	y1 92					
ke	y3					

### cdn acl-print

Shows ACL keys list for the stream

Parameters:

• stream name - stream name to show (mandatory)

Example:

cdn acl-print test
9/ - to 1
% cdn acl-print test
Key
 kov1
key1 key2
key3

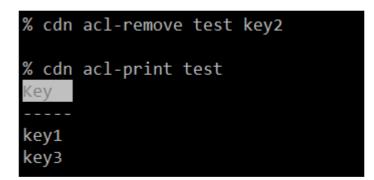
cdn acl-remove

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-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-conn	ections										
% cdn show-cor	nnection	าร									
Ip	State	Inbound	Outbound	Last	rtt	Max	rtt	Last	SN	In	flight
	ACTIVE	false	true	 1		2057	 7	127		 0	