

MSCP Pro/Pro+ 4.x API reference

Caution!

The API is still an alpha version, so later changes can occur!

API commands:

- login.cgi: user login, admin login, broadcast operator login (requesting a login key)
- user-main.cgi: user status/informations output
- user-stat.cgi: user output for statistics and graph
- user-set.cgi: user settings
- user-cmd.cgi: user command execution
- user-status.cgi: user other status
- user-foper.cgi: user file manager
- admin-main.cgi: admin status/informations output
- admin-set.cgi: admin settings and commands
- info.cgi: stream info
- playlist.cgi: playlist

The request can be either GET or POST.

Global parameters:

- key: login key
- out: output type (available values: xml, json, txt)

Requesting a key:

/api/login.cgi?admin=\$admin&passwd=\$password

requesting an admin login key

/api/login.cgi?user=\$user&passwd=\$password

requesting an user login key

/api/login.cgi?user=\$user|ctrluser&passwd=\$ctrlpasswd

requesting a broadcast operator login key

Values shown on each status page:

availablevalues: available values (separator character: |, range character: ~)

User status/information page:

/api/user-main.cgi?key=\$key&page=status	basic user data
/api/user-main.cgi?key=\$key&page=services	list all enabled services
/api/user-main.cgi?key=\$key&page=players	players
/api/user-main.cgi?key=\$key&page=help	help
/api/user-main.cgi?key=\$key&page=showpassword	show user password
/api/user-main.cgi?key=\$key&page=config	main config output
/api/user-main.cgi?key=\$key&page=servercfg	stream server configuration output
/api/user-main.cgi?key=\$key&page=autodjcfg&id=\$n	autodj server configuration output
/api/user-main.cgi?key=\$key&page=schedulelist&id=\$n	autodj schedulelist
/api/user-main.cgi?key=\$key&page=scheduleedit&id=\$n&schedule=\$n	autodj schedule informations
/api/user-main.cgi?key=\$key&page=streamtranscodercfg&id=\$n	stream transcoder configuration output
/api/user-main.cgi?key=\$key&page=reclist	broadcast recording list
/api/user-main.cgi?key=\$key&page=recedit&id=\$n	broadcast recording configuration output
/api/user-main.cgi?key=\$key&page=ctrlusers	broadcast user list
/api/user-main.cgi?key=\$key&page=ctrlusercfg&ctrluser=\$ctrluser	broadcast user configuration output
/api/user-main.cgi?key=\$key&page=ftpcfg	FTP user list
/api/user-main.cgi?key=\$key&page=ftpusercfg&ftpuser=\$ftpuser	FTP user configuration output
/api/user-main.cgi?key=\$key&page=iplist	IP block/allow list
/api/user-main.cgi?key=\$key&page=langlist	List available languages
/api/user-main.cgi?key=\$key&page=backuplist	List backups
/api/user-main.cgi?key=\$key&page=backupedit&id=\$n	backup configuration output

\$n: autodj/stream transcoder/schedule/recording id

\$m: empty=list media files and folders, m3u=list playlist files

/api/user-main.cgi?key=\$key&page=viewlog&prg=\$prg&id=\$id&logfileid=\$logfileid&filter=\$filter view logfile

\$prg: program name (server/proxy/autodj/streamtranscoder/ftpd/ctrl)

\$id: autodj/stream transcoder id

\$logfileid: logfile id (empty or 0: view parameters)

\$filter: filter (connectsource, disconnectsource, error, killsource, programhistory)

Log output is text/plain only, expect if logfile id empty or 0!

User statistics page:

/api/user-stat.cgi?key=\$key&type=listeners

stream server listeners (if supported by stream server)

/api/user-stat.cgi?key=\$key&type=netstat

all connection to stream server (port & port2)

/api/user-stat.cgi?key=\$key&type=graph&graphtype=\$graphtype&period=\$period

data needed for graphs

or
/api/user-stat.cgi?key=\$key&type=graph&graphtype=\$graphtype&period=custom&start=\$start&end=\$end data needed for graphs

\$period: hour, day, week, month, year
\$start: starting at time
\$end: ending at time
\$graphtype: 0: listeners, 1: network bandwidth

User commands:

/api/user-cmd.cgi?key=\$key&cmd=(re)startserver	(re)start stream server
/api/user-cmd.cgi?key=\$key&cmd=stopserver	stop stream server
/api/user-cmd.cgi?key=\$key&cmd=reloadserver	reload stream server config
/api/user-cmd.cgi?key=\$key&cmd=killsource&id=\$n&mount=\$mount	kill source
/api/user-cmd.cgi?key=\$key&cmd=(re)startautodj&id=\$n	(re)start autodj
/api/user-cmd.cgi?key=\$key&cmd=stopautodj&id=\$n	stop autodj
/api/user-cmd.cgi?key=\$key&cmd=refreshplaylist&id=\$n	refresh autodj playlist
/api/user-cmd.cgi?key=\$key&cmd=prevsong&id=\$n	previous track
/api/user-cmd.cgi?key=\$key&cmd=nextsong&id=\$n	next track
/api/user-cmd.cgi?key=\$key&cmd=installautodj&id=\$n	(re)install broadcaster (Pro+ only!)
/api/user-cmd.cgi?key=\$key&cmd=(re)startstreamtranscoder&id=\$n	(re)start Stream Transcoder
/api/user-cmd.cgi?key=\$key&cmd=stopstreamtranscoder&id=\$n	stop Stream Transcoder
/api/user-cmd.cgi?key=\$key&cmd=startrec&id=0	start recording (only num=0)
/api/user-cmd.cgi?key=\$key&cmd=stoprec&id=\$n	stop recording
/api/user-cmd.cgi?key=\$key&cmd=(re)startftpserver	(re)start FTP server
/api/user-cmd.cgi?key=\$key&cmd=stopftpserver	stop FTP server
/api/user-cmd.cgi?key=\$key&cmd=clearcache&type[]=\$type	clear cache
/api/user-cmd.cgi?key=\$key&cmd=startbackup&id=\$id	start backup
/api/user-cmd.cgi?key=\$key&cmd=stopbackup&id=\$id	stop backup
/api/user-cmd.cgi?key=\$key&cmd=startrestore&surl=\$surl&durl=\$durl	start restore
/api/user-cmd.cgi?key=\$key&cmd=stoprestore	stop restore
/api/user-cmd.cgi?key=\$key&cmd=clearcache&type=info,playlist,cover,media	clear cache
/api/user-cmd.cgi?key=\$key&cmd=abortprocess	abort (a stuck) process

\$type[]: info, playlist, cover, media
\$surl: settings URL
\$durl: data URL

User page settings:

/api/user-set.cgi?key=\$key&cmd=setmain **:general settings**

additional parameters:

- language:	language
- metadatacharset:	Used charset to interpret non UTF-8 metadata
- localhostcnt:	Included Localhost in the connection Graphs
- currentpasswd:	current password
- newpasswd:	new password
- confirmpasswd:	confirm new password
- timezone:	timezone
- panelcolors:	classic panel colors
- googlemapsapikey:	Google Maps API key
- coverret1	Cover image retrieval order
- coverret2	Cover image retrieval order
- coverret3	Cover image retrieval order
- replacemissingcover	Replace missing cover image with this image

/api/user-set.cgi?key=\$key&cmd=setlang **:change language**

additional parameters:

- language: language (format can be long and short)

/api/user-set.cgi?key=\$key&cmd=chpasswd **:change password**

additional parameters:

- currentpasswd: current password
- passwd: new password

/api/user-set.cgi?key=\$key&cmd=setserver **:set stream server**

additional parameters (general):

- server: server type
- hostname: host name

- port2func: port+2 function (0=not used, 1=HTTP, 2=HTTPS, 3=HTTPS proxy)
- sslbrowsersonly: use SSL for browsers only (if port2func=3)
- certfiles: certificate files (0=own, 1=provider panel SSL, 2=provider stream SSL)
- cert: own certificate content
- pkey: own private key content
- adminuser: admin login
- adminpassword: admin password
- relayserveruser: relay username
- relayserverpassword: relay password:
- sourcetimeout: source timeout
- clienttimeout: client timeout
- restartnumifcrash: number of attempts to restart stream server on crash
- globalburstsize: global burst size
- georulemode: geo-blocking mode (0=inactive, 1=block, 2=allow)
- countries: countries
- useragentrulemode: user agent blocking mode (0=inactive, 1=block, 2=allow)
- useragents: useragents
- masterserver: relay master server host/IP
- masterport: relay master server port
- masterrelayuser: relay master server username
- masterrelaypassword: relay master server password
- masterupdateinterval: relay master server update interval
- masterrelayondemand: relay on demand

additional parameters (mount):

- streamid[]: stream id
- mountname[]: mount name
- sourceuser[]: source user
- password[]: source password
- streamname[]: stream name
- streamdescription[]: stream description
- genre[]: stream genre
- streamurl[]: stream url
- maxlisteners[]: max listeners
- waitautodj[]: autostart autod after live programme (0 = not start)
- fallbackmount[]: fallback mount
- generatefallbackfile[]: generate fallback file, if does not exist
- fallbackfileformat[]: the format of the generated fallback file
- fallbackoverride[]: fallback override
- fallbackwhenfull[]: fallback when full
- silencerestart[]: restart stream if silence is detected
- silencemail[]: send alert email if silence is detected
- shoutcast1compatible[]: backward compatibility with shoutcast v1 source clients
- intro[]: intro file
- charset[]: character set
- public[]: public stream
- burstsize[]: burst size
- bitrateinfo[]: bitrate info
- metadatainterval[]: metadata interval
- mimetypeinfo[]: mime type info
- clusterpassword[]: cluster password
- showlastsongs[]: show last songs
- hidden[]: hidden mountpoint
- auth[]: mountpoint will require listener authentication:
- duplicateusers[]: allow duplicate users with same authentication:
- savelastsongstofile[]: save song names
- alternativeplaylink[]: alternative playlink
- alternativeplaylinkssl[]: alternative SSL playlink

additional parameters (relay mount):

- relaystreamid[]: stream id
- relaylocalmount[]: local mount name
- relayserver[]: remote server hostname
- relayport[]: remote server port
- relaymount[]: remote server mount name
- relaystreamname[]: stream name
- relaystreamdescription[]: stream description
- relaygenre[]: stream genre
- relaystreamurl[]: stream url
- relaymaxlisteners[]: max listeners
- relaywaitautodj[]: autostart autod after live programme (0 = not start)
- relayfallbackmount[]: fallback mount
- relayfallbackoverride[]: fallback override
- relayfallbackwhenfull[]: fallback when full
- relayshoutcast1compatible[]: backward compatibility with shoutcast v1 source clients
- relayintro[]: intro fájl
- relaycharset[]: character set
- relaypublic[]: public stream
- relayburstsize[]: burst size

- relaybitrateinfo[]: bitrate info
- relaymetadadatainterval[]: metadata interval
- relaymimetypeinfo[]: mime type info
- relayclusterpassword[]: cluster password
- relayshowlastsongs[]: show last songs
- relayhidden[]: hidden mountpoint
- relayauth[]: mountpoint will require listener authentication:
- relayduplicateusers[]: allow duplicate users with same authentication:
- relaysavelastsongstofile[]: save song names
- relayalternativeplaylink[]: alternative playlink
- relayalternativeplaylinkssl[]: alternative SSL playlink

additional parameters (yp servers):

- ypserver[]: yp server address
- yptimeout[]: yp timeout

additional parameters (aliases):

- aliassource[]: alias source
- aliasdest[]: alias destination

starting array variables:

- streamid[]
- relaystreamid[]
- ypserver[]
- aliassource[]

/api/user-set.cgi?key=\$key&cmd=setautodj&id=\$n

:autodj settings

additional parameters:

- id: AutoDJ id
- streamid: stream id
- mount: mount
- sourceuser: source username
- sourcepasswd: source password
- streamname: stream name
- description: stream description
- genre: stream genre
- url: stream url
- permanentsongtitle: permanent song title
- autodjdir: media folder
- subdir: load subdirectories
- autodjtype: autodj type
- channels: channels
- samplerate: samplerate
- bitrate: bitrate
- crossfade: crossfade
- crossfademode: crossfade mode
- crossfadethreshold: crossfade threshold
- fadeoutkillsource: fade out when kick
- fadeoutstop: fade out when stop:
- playlistfile: playlist file
- playlistsort: playlist sort mode
- reversesort: playlist reverse sort
- randomize: playlist play mode
- spotdir: spots folder
- startspot: the playlist begin spot
- playliststartrefresh: playlist refresh on start
- playlistpauserefresh: playlist refresh after standby
- playlisttimerefresh: playlist refresh after scheduled program
- public: public broadcast
- killsource: kill source on autodj start

/api/user-set.cgi?key=\$key&cmd=setstreamtranscoder&id=\$n

:set the Stream Transcoder

additional parameters:

- id (\$n): Stream Transcoder id
- receivemount: Receive mountpoint
- receiveusername: Receive username (if auth is needed)
- receivepasswd: Receive password (if auth is needed)
- staticmetadata: Permanent song title
- stereotoolpreset: Stereo Tool preset
- stereotoolkey: Stereo Tool key (including < and >)
- targetserver[]: target → server type
- targethost[]: target → server host (If the transcoded stream is sent to its own server, this value must be 127.0.0.1)
- targetport[]: target → stream port (If the transcoded stream is sent to its own server, this port value must be stream server port)
- targetsid[]: target → stream id
- targetmount[]: target → source mountpoint or rtmp URI+Stream key
- targetusername[]: target → source username
- targetpasswd[]: target → source password
- targetname[]: target → stream name
- targetdesc[]: target → stream description

- targetgenre[]: target → stream genre
- targeturl[]: target → website
- targetimage[]: target → image for rtmp transcoding (base dir: /home/users/\$user/)
- targetencoder[]: target → encoder
- targetchannels[]: target → channel number (stereo/mono)
- targetsamplerate[]: target → samplerate
- targetbitrate[]: target → bitrate
- targetminbitrate[]: target → min. bitrate
- targetmaxbitrate[]: target → max. bitrate
- targetpublic[]: target → public

starting array variable:
- targetsid[]

/api/user-set.cgi?key=\$key&cmd=setschedule&id=\$n&program=\$p **:set the timer program**

additional parameters:

- id: AutoDJ id
- program: program id
- filename: play program file or playlist name
- month: month (values in cron can be used)
- wed: day of week (values in cron can be used)
- day: day (values in cron can be used)
- hour: hour (values in cron can be used)
- minute: minute (values in cron can be used)
- startplaylist: start playlist immediately
- randomplaylistcontent: randomize playlist content
- enable: active program

Note: It is also settable for unsupported AutoDJ, but only the supported AutoDJ plays the program!

/api/user-set.cgi?key=\$key&cmd=delschedule&id=\$n&program[]=\$p **:delete the timer program**

additional parameters:

- id: AutoDJ id
- program: program id

/api/user-set.cgi?key=\$key&cmd=actschedule&id=\$n&program[]=\$p **:activate the timer program**

additional parameters:

- id: AutoDJ id
- program: program id

/api/user-set.cgi?key=\$key&cmd=deactschedule&id=\$n&program[]=\$p **:deactivate the timer program**

additional parameters:

- id: AutoDJ id
- program: program id

/api/user-set.cgi?key=\$key&cmd=setdlschedule&id=\$n&download=\$d **:set the scheduled download**

additional parameters:

- id: AutoDJ id
- download: download id
- url: download URL
- dlloc: download location
- filename: name of the downloaded file (empty: Save with the filename specified in the URL)
- month: month (values in cron can be used)
- wed: day of week (values in cron can be used)
- day: day (values in cron can be used)
- hour: hour (values in cron can be used)
- minute: minute (values in cron can be used)
- enable: active download

/api/user-set.cgi?key=\$key&cmd=deldlschedule&id=\$n&download[]=\$d **:delete scheduled download**

additional parameters:

- id: AutoDJ id
- download: download id

/api/user-set.cgi?key=\$key&cmd=actdlschedule&id=\$n&download[]=\$d **:activate the scheduled download**

additional parameters:

- id: AutoDJ id
- download: download id

/api/user-set.cgi?key=\$key&cmd=deactdlschedule&id=\$n&download[]=\$d **:deactivate the scheduled download**

additional parameters:

- id: AutoDJ id
- download: download id

/api/user-set.cgi?key=\$key&cmd=setrec&id=\$n **:set the broadcast recording**

additional parameters:

- id: recording number
- sid: stream id
- mount: mount point
- filename: play program file name
- month (if id>0): month (values in cron can be used)
- wed (if id>0): day of week (values in cron can be used)
- day (if id>0): day (values in cron can be used)
- hour (if id>0): hour (values in cron can be used)
- minute (if id>0): minute (values in cron can be used)
- dhour: duration (hours)
- dmin: duration (minutes)
- dsec: duration (seconds)
- nrautodj: no record AutoDJ
- connect: new recording at the beginning of the file if it exists (1: append, 2: overwrite)
- reconnect: Transmission and tear after the reconnection process interrupted file (0: no rec, 1: append, 2: overwrite)
- enable: enable rec

note: If id = 0 then this is a manual recording, can not be timed.

/api/user-set.cgi?key=\$key&cmd=delrec&id[]=\$n **:delete the broadcast recording**

additional parameters:

- id: recording id

/api/user-set.cgi?key=\$key&cmd=setbackup&id=\$n **:set the backup**

additional parameters:

- id: backup id
- uploadurl: upload URL (without filename)
- month: month (values in cron can be used)
- wed: day of week (values in cron can be used)
- day: day (values in cron can be used)
- hour: hour (values in cron can be used)
- minute: minute (values in cron can be used)
- type: backup type (1: data only (FTP storage), 2: settings only, 3: all)
- enable: active backup

/api/user-set.cgi?key=\$key&cmd=delbackup&id=\$n **:delete the backup**

additional parameters:

- id: backup id

/api/user-set.cgi?key=\$key&cmd=setctrluser&ctrluser=\$ctrluser **:add/edit the broadcast operator user**

additional parameters:

- ctrluser: broadcast operator username
- ctrlpasswd: broadcast operator password
- sid: stream ID (empty=all)
- mount: mount point (empty=all)
- server: stream server (0: no access, 1: control only, 2: full access)
- autodj: autodj (0: no access, 1: control only, 2: full access)
- streamtranscoder: stream transcoder (0: no access, 1: control only, 2: full access)
- rec: stream recorder (0: no access, 1: control only, 2: full access)
- stat: view statistics (0/1)
- ctrlsource: use own access to live broadcast on port+5 (0/1)
- active: status (0/1)

/api/user-set.cgi?key=\$key&cmd=delctrluser&ctrluser=\$ctrluser **:delete broadcast operator**

additional parameters:

- ctrluser: broadcast operator username

/api/user-set.cgi?key=\$key&cmd=setftpuser&ftpuser=\$ftpuser **:edit the FTP user (Pro+ version only!)**

additional parameters:

- ftpuser: FTP username
- ftppasswd: FTP user password
- ftpdir: folder
- maxlogin: Parallel logins
- perm: permission (-: look only, A: all, D: download only, U: upload only, DU: download and upload)

/api/user-set.cgi?key=\$key&cmd=delftpuser&ftpuser=\$ftpuser :delete FTP user (Pro+ version only!)
additional parameters:
- ftpuser: FTP username

/api/user-set.cgi?key=\$key&cmd=addip&ip=\$ip :add IP (Icecast2)
additional parameters:
- ip: IP address

/api/user-set.cgi?key=\$key&cmd=delip&ip=\$ip :delete IP (Icecast2)
additional parameters:
- ip: IP address

User file operations:

/api/user-foper.cgi?key=\$key&cmd=lsmediafiles&id=\$id&mode=\$m&combined=\$c&autodjdir=\$dir&nofix=\$nofix list media files
(limited to the initial folder set)
/api/user-foper.cgi?key=\$key&cmd=viewplaylist&id=\$id&playlist=\$playlistfile view playlist content and files informations.
/api/user-foper.cgi?key=\$key&cmd=playlistinfo&id=\$id view playlist info
/api/user-foper.cgi?key=\$key&cmd=mediainfo&file=\$file&nofix=\$nofix&id=\$id media information (basedir=/mscp/users/\$user)
/api/user-foper.cgi?key=\$key&cmd=getcover&file=\$file&id=\$id get cover image (image output)
/api/user-foper.cgi?key=\$key&cmd=del&file[]=\$file&id=\$id delete files and directories (basedir=/mscp/users/\$user)
/api/user-foper.cgi?key=\$key&cmd=ren&old=\$file&new=\$file&id=\$id rename file or directory (basedir=/mscp/users/\$user)
/api/user-foper.cgi?key=\$key&cmd=mkd&dir=\$dir&id=\$id create folder (basedir=/mscp/users/\$user)
/api/user-foper.cgi?key=\$key&cmd=addtoplaylist&file[]=\$file&playlist=\$playlistfile add files to playlist
(basedir=/mscp/users/\$user)
/api/user-foper.cgi?key=\$key&cmd=saveplaylist&reconfig=\$reconfig save playlist
/api/user-foper.cgi?key=\$key&cmd=upload&dir=\$dir&id=\$id upload file
/api/user-foper.cgi?key=\$key&cmd=autodjinfo&id=\$id autodj information
/api/user-foper.cgi?key=\$key&cmd=setmetadata&file=\$file&artist=\$artist&title=\$title&album=\$album&id=\$id set mediafile metadata

\$id: autodj id (if specified, basedir is autodj work directory)
\$m: empty=list supported media files and folders, all=list all files, m3u=list playlist files only
\$c: 1=list combined playlist
\$dir: directory
\$file: file or directory name
\$nofix: no fix artist and title from filename if no exist
\$force reconfigure autodj

User other status/information page:

/api/user-status.cgi?key=\$key&status=netstat :active connection to the stream server
/api/user-status.cgi?key=\$key&status=autodj&id=\$id :AutoDJ informations

Admin status/information page:

/api/admin-main.cgi?key=\$key&page=status admin status
/api/admin-main.cgi?key=\$key&page=userlist list users
/api/admin-main.cgi?key=\$key&page=adminlist list admin (required superadmin access!)
/api/admin-main.cgi?key=\$key&page=config system config (required superadmin access!)
/api/admin-main.cgi?key=\$key&page=adminconfig admin config
/api/admin-main.cgi?key=\$key&page=useredit&user=\$user&template=\$template user info (for the editorial page)
/api/admin-main.cgi?key=\$key&page=adminedit admin info (for the editorial page, required superadmin access!)
/api/admin-main.cgi?key=\$key&page=templatelist template list
/api/admin-main.cgi?key=\$key&page=templateedit&template=\$template template info (for the editorial page)
/api/admin-main.cgi?key=\$key&page=admintemplatelist admintemplate list (required superadmin access!)
/api/admin-main.cgi?key=\$key&page=admintemplateedit&template=\$template admintemplate info (for the editorial page, required
superadmin access!)
/api/admin-main.cgi?key=\$key&page=maillist mail templates list
/api/admin-main.cgi?key=\$key&page=mailcontent mail content
/api/admin-main.cgi?key=\$key&page=chkuserexist&user=\$user check user exist
/api/admin-main.cgi?key=\$key&page=chkadminexist&adminuser=\$adminuser check admin exist
/api/admin-main.cgi?key=\$key&page=userlog&user=\$user user log
/api/admin-main.cgi?key=\$key&page=alluserlog all user log (required superadmin access!)
/api/admin-main.cgi?key=\$key&page=alladminlog all admin log (required superadmin access!)
/api/admin-main.cgi?key=\$key&page=httpdlog http server log (required superadmin access!)
/api/admin-main.cgi?key=\$key&page=ftpdlog ftp server log (required superadmin access!)

Admin commands:

/api/admin-set.cgi?key=\$key&cmd=startuser (re)start user services
/api/admin-set.cgi?key=\$key&cmd=stopuser stopuser services
additional parameters:
- user: user name (multiple users: use „|” as separator character)

Admin Page settings:

/api/admin-set.cgi?key=\$key&cmd=settemplate :set (new) template
additional parameters:
- template: template name
- templatedescription: template description
- validityperiod: validity period
- slot: max slots
- maxbitrate: max bitrate
- graceperiod: grace period
- ifexpire: when the access expires (0: shut down, 1: controls not available, 2: do nothing)
- servertypes: stream server types (separator character: |)
- size: storage size
- logfilesnocounted: log files are not counted in storage space
- autodj: number of AutoDJs
- autodjtypes: AutoDJ types (separator character: |)
- streamtranscoders: number of Stream Transcoders
- streamtranscoderch: channels of Stream Transcoder
- auproc: number of Audio processors
- builtinpresets: enable built-in Stereo Tool presets:
- ftpserver: FTP server: (Pro+ only!)
- rec: number of parallel recorders
- ctrl: Broadcast Operator control panel
- mailexp10: 'Expires in 10 Days' e-mail
- mailexp5: 'Expires in 5 Days' e-mail
- mailexp0: 'Expires in 0 Days' e-mail
- prio: user processes priority
- aff: user CPU core usage
- userservicepreset: user service settings preset

/api/admin-set.cgi?key=\$key&cmd=deltemplate :delete template
additional parameters:
- template: template name

/api/admin-set.cgi?key=\$key&cmd=adduser :add user
additional parameters:
- template: template
- adminuser: assigned admin (required superadmin access!)
- user: user name
- passwd: user password
- mail: e-mail address
- valid: valid until (date format: YYMMDD)
- paused: pause/suspend account
- port: port (0=auto)
- slot: max slots
- maxbitrate: max bitrate
- graceperiod: grace period
- ifexpire: when the access expires (0: shut down, 1: controls not available, 2: do nothing)
- servertypes: stream server types (separator character: |)
- size: storage size
- autodj: number of AutoDJs
- autodjtypes: AutoDJ types (separator character: |)
- streamtranscoders: number of Stream Transcoders
- streamtranscoderch: channels of Stream Transcoder
- auproc: number of Audio processors
- builtinpresets: enable built-in Stereo Tool presets:
- ftpserver: FTP server: (Pro+ only!)
- rec: number of parallel recorders
- ctrl: Broadcast Operator control panel
- mailexp10: 'Expires in 10 Days' e-mail
- mailexp5: 'Expires in 5 Days' e-mail
- mailexp0: 'Expires in 0 Days' e-mail
- prio: user processes priority

- aff: user CPU core usage
- userservicepreset: user service settings preset
- modifiableserverconfig: modifiable server config

note: The unspecified values will read from the specify template.

/api/admin-set.cgi?key=\$key&cmd=setuser

:set user

additional parameters:

- change: only change the specified values
- template: template
- adminuser: assigned admin (required superadmin access!)
- user: user name
- passwd: user password
- mail: e-mail address
- valid: valid until (date format: YYMMDD)
- paused: pause/suspend account
- slot: max slots
- maxbitrate: max bitrate
- graceperiod: grace period
- ifexpire: when the access expires (0: shut down, 1: controls not available, 2: do nothing)
- servertypes: stream server types (separator character: |)
- addservertype: Add stream server type (if \$change=1,separator character: |)
- delservertype: Delete stream server type (if \$change=1,separator character: |)
- size: storage size
- logfilesnocounted: log files are not counted in storage space
- autodj: number of AutoDJs
- autodjtypes: AutoDJ types (separator character: |)
- addautodjtype: Add AutoDJ type (if \$change=1,separator character: |)
- delautodjtype: Delete AutoDJ type (if \$change=1,separator character: |)
- streamtranscoders: number of Stream Transcoders
- streamtranscoderch: channels of Stream Transcoder
- auprocs: number of Audio processors
- builtinpresets: enable built-in Stereo Tool presets:
- ftpserver: FTP server: (Pro+ only!)
- rec: number of parallel recorders
- ctrl: Broadcast Operator control panel
- mailexp10: 'Expires in 10 Days' e-mail
- mailexp5: 'Expires in 5 Days' e-mail
- mailexp0: 'Expires in 0 Days' e-mail
- prio: user processes priority
- aff: user CPU core usage
- userservicepreset: user service settings preset
- modifiableserverconfig: modifiable server config

/api/admin-set.cgi?key=\$key&cmd=deluser

:delete user

additional parameters:

- user: user name (multiple users: use „|” as separator character)

/api/admin-set.cgi?key=\$key&cmd=setadmin

:set (new) admin (required superadmin access!)

additional parameters:

- change: only change the specified values
- template: template
- adminuser: admin name
- adminpasswd: admin password
- mail: e-mail address
- valid: valid until (date format: YYMMDD)
- graceperiod: grace period
- accounts: max accounts
- slotlimit: max slot
- sizelimit: max storage size limit
- adminstartport: start port
- adminendport: end port
- adminservertypes: stream server types (separator character: |)
- addservertype: add stream server types (separator character: |)
- delservertype: delete stream server types (separator character: |)
- autodjlimit: max AutoDJ
- adminautodjtypes: AutoDJ types (separator character: |)
- addautodjtype: add AutoDJ types (separator character: |)
- delautodjtype: delete AutoDJ types (separator character: |)
- paused: pause/suspend account
- streamtranscoderlimit: max Stream Transcoder
- streamtranscoderchlimit: max Stream Transcoder channels
- auproclimit: max Audio Processors
- adminbuiltinpresets: enable built-in Stereo Tool presets:
- reclimit: number of parallel recorders

- ftpserverlimit max FTP server: (Pro+ only!)
- adminprio: admin processes priority
- adminaff: admin CPU core usage
- adminmodifiableserverconfig modifiable server config
- mailexp10: 'Expires in 10 Days' e-mail
- mailexp5: 'Expires in 5 Days' e-mail
- mailexp0: 'Expires in 0 Days' e-mail
- prio: user processes priority
- aff: user CPU core usage
- userservicepreset: user service settings preset
- adminmodifiableserverconfig: modifiable server config

/api/admin-set.cgi?key=\$key&cmd=deladmin

:delete admin (required superadmin access!)

additional parameters:

- adminuser: admin name

/api/admin-set.cgi?key=\$key&cmd=setadmincfg

:set admin panel

additional parameters:

- company: Company/organization
- website: Company/organization website
- languagefile: language file
- eventaddress: event mail address
- mailexp10event: Expires in 10 Days e-mail event
- mailexp5event: Expires in 5 Days e-mail event
- mailexp0event: Expires in 0 Days e-mail event
- mailstopevent: Stop access e-mail event
- mailaddevent: Add new user or admin e-mail event
- maileditevent: Edit user or admin e-mail event
- maildelevent: Delete user or admin e-mail event
- usesystemsettings: Use system SMTP settings
- smtphost: SMTP host
- smtpport: SMTP port
- smtpssl: SSL connect
- smtpuser: SMTP user
- smtppasswd: SMTP password
- ctrlhost: Used hostname or IP address by control panel
- streamhost: Used hostname or IP address by stream server
- panelcolors: Control panel colors (classic panel)
- alreadynorestart: Already started user do not restart
- delayedmultiuserrestart: Delayed multi-user restarting
- delayedmultiuserstop: Delayed multi-user stopping
- delayedmultiuserstop: Delayed multi-user deletion

/api/admin-set.cgi?key=\$key&cmd=chadminpasswd

:change admin panel password

additional parameters:

- adminpasswd: admin password

/api/admin-set.cgi?key=\$key&cmd=savemail

:save e-mail template

additional parameters:

- smail: e-mail name
- fromname: sender name
- from: sender e-mail address
- subject: subject
- priority: priority
- data: message

/api/admin-set.cgi?key=\$key&cmd=delmail

:delete e-mail template

additional parameters:

- smail: e-mail name

/api/admin-set.cgi?key=\$key&cmd=sendmail

:send e-mail

additional parameters:

- smail: e-mail name
- fromname: sender name

- from: sender e-mail address
 - subject: subject
 - priority: priority
 - data: message

/api/admin-set.cgi?key=\$key&cmd=setsys **:system settings** (required superadmin access!)

additional parameters:

- ctrlhost: used hostname or IP address by control panel
 - streamhost: used hostname or IP address by stream servers
 - httpport: web server port:
 - allowedipapi: allowed IP addresses to connect to API:
 - httpport: HTTP server port
 - ftpport: FTP server port
 - languagefile: language file
 - quotaoffset: quota limit offset
 - parallelservicelaunch: Max number of parallel operations when multiple users are started
 - setloginmode: Classic page login mode
 - setloginpagechanger: User/Admin changer in classic login page
 - showpasswd: display passwords in the user list and in the admin list
 - rebootst: restart user services after server reboot
 - smtphost: system SMTP host
 - smtpport: system SMTP port
 - smtpssl: system SSL connect
 - smtpuser: system SMTP user
 - smtppasswd: system SMTP password
 - enabledebug: enable 'debug' command in SSH or sudo
 - defaccounts: default Max users
 - defadminslotlimit: default max slot
 - efadminsizelimit: default storage size
 - defadminstartport: default starting port
 - defadminendport: default ending port
 - defadminautodjlimit: default Number of AutoDJs
 - defadminstreamtranscoderslimit: default Number of Stream Transcoders
 - defadminstreamtranscoderchlimit: default Channels of Stream Transcoder
 - defadminauproclimit: default Audio processors
 - defadminreclimit: default Number of parallel recorders
 - defadminftpserverlimit: default FTP servers
 - defifexpire: default If access expired (grace period included)
 - defgraceperiod: default grace period
 - defmaxbitrate: default max bitrate
 - defslot: default slot:
 - defsize: default storage size
 - defautodj: default number of AutoDJs
 - defallautodjs: all AutoDJ types selected by default
 - defallservers: all stream Server types selected by default
 - defstreamtranscoders: default Stream Transcoders number
 - defstreamtranscoderch: default Stream Transcoder channel number
 - defauproc: default Audio processors number
 - defrec: default number of parallel recorders
 - defctrl: enable Broadcast Operator control panel by default
 - defftpserver: enable mini FTP server by default (Pro+ only!)
 - mysqlport: mysql port (Pro+ only!)
 - mysqluser: root privileged MSCP username for mysql server (Pro+ only!)
 - mysqlpasswd: password for mysql server (Pro+ only!)

Info API output:

- /api/info.cgi: **:stream info**

additional parameters:

- user: username
 - streamid: stream ID
 - mount: mountpoint
 - itunescoversize: iTunes cover art size

- /api/playlist.cgi: **:playlist**

additional parameters:

- user: username
 - streamid: stream ID
 - mount: mountpoint
 - num: number of tracks displayed
 - excludestring: exclude string from the list

Centova Cast API Wrapper:

/api.php

Centova Cast API documentacion: http://www.centova.com/docs/cast2/centovacast_xml_api.pdf

note: Because of the different system, there are differences in the API output.

Deviations from the Centova Cast original API:

Centova Cast compatible CentoWrapper parameters:

- system.setstatus
- system.provision (normal admin only, different output)
- system.terminate (normal admin only)
- system.reparent
- system.sanitycheck
- system.usage
- system.listaccounts (different output)
- system.info
- server.getaccount (different output)
- server.reconfigure (normal admin only)
- server.start (the first autodj will also start if it exits)
- server.restart (the first autodj will also start if it exits)
- server.stop
- server.reload
- server.nextsong (only first autodj)
- server.switchsource (only first autodj)
- server.playlist (only first autodj)
- server.refreshdiskusage (different output)
- server.authenticate
- server.report
- server.getstatus
- server.getlisteners
- server.enabled

Not working commands in Centova Cast, but work only in CentoWrapper:

- server.prevsong (only first autodj if MPD or RadioBOSS)

Not working commands:

- system.rename (MSCP not supported this operation)
- system.autoreindex (The MSCP does not require it)
- system.check (it is not necessary)
- system.batch (MSCP not supported this operation)
- system.database (MSCP does not use a MariaDB/MySQL server)
- system.backup
- system.restore
- system.appchange
- system.listhosts
- system.listregions
- server.processlogs (different operating principle)
- server.reconfigure (different operating principle)
- server.managedj (different operating principle)
- server.archivelogs (it is not working yet)