File Station HTTP API v5

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Login

Description:

Please completely replace it with "authLogin.cgi". It works available on QTS v5.0.1 and later version.

Logout

Description:

Please completely replace it with "authLogin.cgi". It works available on QTS v5.0.1 and later version.

Check Sid

Description:

Check valid sid then get server name and ACL setting.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=check_sid&sid=${sid}

Variable	Description
${sid}	Input sid for authentication

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=check_sid&sid=mjvjfdck

Return value:

Success:

{ "status": 1, "sid": "0", "servername": "Peien-X53", "username": "admin", "admingroup": 1, "supportACL": 1, "enableACL": 0, "dateFormat": 1, "timeFormat": 24, "genericModel": 0, "supportRTT": 1, "version": "5.0.0", "build": "20151225", "remote_folder_is_valid_user": 1 }

Create Folder

Description:

Create a folder.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=createdir&sid=${sid}&dest_folder=${dest_folder}&dest_path=${dest_path}

Variable	Description
${sid}	Input sid for authentication
${dest_folder}	Folder name
${dest_path}	Path of the folder

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=createdir&sid=xxxxxxxx&dest_folder=test&dest_path=/Public

Create a folder named "test" in /Public

Return value:

Success:

{ "version": "5.0.0", "build": "20161011", "status": 1, "success": "true" }

Failure:

Name dup { "version": "5.0.0", "build": "20161011", "status": 33, "success": "true" }

Permission denied { "version": "5.0.0", "build": "20161011", "status": 4, "success": "true" }

Rename

Description:

Rename a folder or file.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=rename&sid=${sid}&path={path}&source
_name=${source_name}&dest_name=${dest_name}

Variable	Description
${sid}	Input sid for authentication
${path}	Path of the folder/ file
${source_name}	Current folder/ file name to be changed
${dest_name}	New folder/ file name

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=rename&sid=xxxxxxxx&path=/Public&sou
rce_name=test&dest_name=test1

Rename a folder named "test" in /Public to "test1"

Return value:

Success:

{ "version": "5.0.0", "build": "20161011", "status": 1, "success": "true" }

Failure:

File exists { "version": "5.0.0", "build": "20161011", "status": 2, "success": "true" }

Permission denied { "version": "5.0.0", "build": "20161011", "status": 4, "success": "true" }

Copy

Description:

Copy a file/folder from the source to the destination.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=copy&sid=${sid}&source_file=${source_file}&source_total=${source_total}&source_path=${source_path}&dest_path=${dest_path}&mode=${mode}&dup=${dup}&checksum=${checksum}

Variable	Description
${source_file}	Name of the copied file/folder
${source_total}	Total number of copied files/folders
${source_path}	Source path of the copied file/folder
${dest_path}	Destination of the copied file/folder
${mode}	*1*: skip, *0*: overwrite, *2*: auto rename
${dup}	The duplication file name when copying the same destination with source files/folders.
${checksum}	*1*: enable md5 checksum. For different volume copy or remote connection copy.
${source_port}	If checksum option is enabled, the source port was needed to get remote checksum value.
${dest_port}	If checksum option is enabled, the destination port was needed to get remote checksum value.
${wait_sec}	wait time. It will be remove the dest file if time is up(v4.3.4 for RD Task#11826).

${restore_log}	1: write event log, 0: need not (defalut value) (v4.3.4)

Example:

1. Copy a file/folder named "test" from /Public to /Qdownload.

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=copy&sid=xxxx&source_file=test&source_total=1&source_path=/Public&dest_path=/Qdownload&mode=1

2.Copy a file/folder named "test" from /Public to /Public. (/Public/test to /Public/test-copy(1))

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=copy&sid=xxxx&source_file=test&source_total=1&source_path=/Public&dest_path=/Public&mode=0&dup=copy

3.Copy a file/folder named "aa.mp4" from /Public to /Recordings and parameter mode equal 2 (auto rename). (/Public/aa.mp4 to /Recordings/aa-copy(1).mp4, if /Recordings/aa.mp4 existed)

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=copy&sid=xxxx&source_file=aa.mp4&source_total=1&source_path=/Public&dest_path=/Recordings&mode=2&dup=copy

4.Copy root path/folder named "Public" from / to /testUsb. (/Public to /testUsb/Public)

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=copy&sid=xxxx&source_file=Public&source_total=1&source_path=/&dest_path=/testUsb&mode=1

5.Copy a file/folder named "test" from /Public to remote ftp (/Public(admin@IP)) and do checksum.

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=copy&sid=xxxx&source_file=test&source_total=1&source_path=/Public&dest_path=/remote:0@020ea58e357d39c5ba0816cc9cfb19e5c5aaef89&mode=1&dup=copy&dest_port=8080

6.Copy a file to the location which is pre-specified by QPKG.(RD Task#11826)

http://${IP}:8080/cgi-bin/filemanager/utilRequest.cgi?func=copy&sid=0u4cx0cz&source_path=/Public&source_file=af.txt&dest_path=/qpkg:QContactz&wait_sec=30

==> { "status": 1, "result": "tmpe9sGON" }

7.Allow Restore Snapshot Content to Remote Site.(Spec#11596)

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=copy&sid=8mm5h46e&source_file=Test_Vol%20Snapshot&source_total=1&source_path=/snapshot:home&dest_path=/Web&mode=1&restore_log=1

==> "System Logs"

類別 日期 時間 使用者 來源 IP 電腦名稱 內容

Return value:

Success:

{ "status": 1, "pid": 29137 }

Failure:

Permission denied:

{ "version": "5.0.0", "build": "20160519", "status": 4, "success": "true" }

Enable checksum for remote copy but remote HTTP login fail:

{ "version": "5.0.0", "build": "20160519", "status": 64, "success": "true" }

Move

Description:

Move a file/folder from the source to the destination.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=move&sid=${sid}&source_file={source_file}&source_total=${source_total}&source_path=${source_path}&dest_path=${dest_path}&mode=${mode}&&dup=${dup}&checksum=${checksum}

Variable	Description
${source_file}	Name of the copied file/folder
${source_total}	Total number of copied files/folders
${source_path}	Source path of the copied file/folder
${dest_path}	Destination of the copied file/folder

${mode}	*1*: skip, *0*: overwrite, *2*: rename
${dup}	The duplication file name when moving the same destination with source files/folders.
${checksum}	*1*: enable md5 checksum. For different volume move or remote connection move.
${source_port}	If checksum option is enabled, the source port was needed to get remote checksum value.
${dest_port}	If checksum option is enabled, the destination port was needed to get remote checksum value.

Example:

1. Move a file/folder named "test" from /Qweb to /Public. If the same file exists on the destination, do nothing.

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=move&sid=xxxx&source_file=test&source_total=1&source_path=/Qweb&dest_path=/Public&mode=1

2. Copy a file/folder named "test" from /Public to remote ftp (/Public(admin@IP)) and check data integrity

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=copy&sid=xxxx&source_file=test&source_total=1&source_path=/Public&dest_path=/remote:0@020ea58e357d39c5ba0816cc9cfb19e5c5aaef89&mode=1&checksum=1&dest_port=8080

Return value:

Success:

{ "status": 1, "pid": 5459 }

Failure:

Permission denied

{ "version": "5.0.0", "build": "20160519", "status": 4, "success": "true" }

Enable checksum for remote move but remote HTTP login fail:

{ "version": "5.0.0", "build": "20160519", "status": 64, "success": "true" }

Extract

List the Contents of an Extracted File

Description:

List the contents of an extracted file.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_extract_list&sid=${sid}&path=${path}&extract_file=${extract_file}&code_page=${code_page}&start=${start}&limit=${limit}&sort=${sort}&dir=${dir}

Variable	Description
${extract_file}	Path of the extracted file
${code_page}	Extracting code page (UTF-8 only)
${start}	Start number of the listed contents
${limit}	Total number of the listed contents
${sort}	Sorting type (filename, file_size, compress_size, mt)
${dir}	List type (ASC, DESC)

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_extract_list&sid=xxxx&path=/&extract_file=/Public/test.zip&code_page=UTF-8&start=0&limit=50&sort=filename&dir=ASC

List the contents of "test.zip" from the first file to the fifth one and sort them by file name and ASC.

Return value:

Success:

```
{ "total": 5, "datas": [ {
    "filename": "7-zip.chm",
    "isfolder": 0,
    "filesize": "88124",
    "mt": "2009-02-03 12:22:54",
    "id": 0,
    "compress_size": "81172" } ]
}
```

Failure:

File doesn't exist

```
{"status": 5, "success": "true" }
```

Extract Files

Description:

Extract files.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=extract&sid=${sid}&extract_file=
${extract_file}&dest_path=${dest_path}&pwd=${pwd}&mode=${mode}&overwrite=${overwrite}&p
ath_mode=${path_mode}&code_page=${code_page}

Variable	Description
${extract_file}	Path of the extracted files
${code_page	Extracting code page (UTF-8 only)
${dest_path}	Destination of the extracted files
${pwd}	Extraction password (can be null)

${mode}	Extraction mode (extract_all, extract_part)
${overwrite}	*1*: overwrite, *0*: skip
${path_mode}	full: extract file with full path none: don't extract file with full path
${code_page}	Extracting code page (UTF-8 only)

If mode is extract_part

Variable	Description
part_file	Name of the file to be extracted (can be more than one)
part_total	The total number of extracted files

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=extract&sid=xxxx&extract_file=/Public/test.zip&dest_path=/Public&pwd=&mode=extract_all&overwrite=1&path_mode=full&code_page=UTF-8

Extract test.zip to /Public by UTF-8. If the file exists, overwrite the file.

Return value:

Success:

    { "status": 1, "pid": 28656 }

Failure:

    Permission denied

    { "status": 4, "success": "true" }

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Cancel Extraction Process

Description:

Cancel the extraction process.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=cancel_extract&sid=${sid}&pid=${pid}

Variable	Description
${pid}	Pid of the extracting process

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=cancel_extract&sid=xxxx&pid=29690

Cancel the extraction process which the pid is 29690.

Return value:

Success:

{ "status": 1, "success": "true" }

Failure:

{ "status": 0, "success": "true" }

Get Extract Status

Description:

Get extract status.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_extract_status_ext&pid=${pid}

Variable	Description

${pid}	Pid of the extracting process

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_extract_status_ext&pid=21361

Get the extraction process status which the pid is 21361.

Return value:

Success:

{ "version": "5.0.0", "build": "20151225", "status": 6, "success": "true" }

Compress

Compress Files

Description:

Compress files.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=compress&sid=${sid}&compress_name=${compress_name}&type=${type}&level=${level}&pwd=${pwd}&encrypt=${encrypt}&total=${total}&compress_file=${compress_file}....

Variable	Description
${compress_name}	The compressed name
${type}	Compressed format type (*7z/zip*)(default:zip)
${pwd}	The compressed password (can be null)
${level}	Compressed level (*normal/large/fast*) (default:normal)

${encrypt}	7z:*AES256*, zip:*ZipCrypto/AES256*(can be null)
${path}	The compressd file path
${total}	The amount of compression files number
${compress_file}	The compressed file name

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=compress&sid=xxxx&compress_name=test&type=7z&level=large&pwd=123456&encrypt=AES256&path=/Download&total=2&compress_file=4.jpg&compress_file=sample001.jpg

Return value:

Success:

{ "status": 1, "pid": 28656 }

Failure:

Permission denied

 { "status": 4, "success": "true" }

Cancel Compress Process

Description:

Cancel the compressed process.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=cancel_compress&sid=${sid}&pid=${pid}

Variable	Description
${pid}	Pid of the compressing process

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=cancel_compress&sid=xxxx&pid=29690

Cancel the compression process which the pid is 29690.

Return value:

Success:

{ "status": 1, "success": "true" }

Failure:

{ "status": 0, "success": "true" }

Get Compress status

Description:

Get the compressed status.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_compress_status&sid=${sid}&pid=${pid}

Variable	Description
${pid}	Pid of the compressing process

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_compress_status&sid=xxxx&pid=29690

Get the compression process which the pid is 29690.

Return value:

Success:

{ "status": 1, "success": "true" }

Compressing:

{ "status": 6, "success": "true" }

Failure:

{ "status": 0, "success": "true" }

Download

Description:

Download file(s).

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=download&sid=${sid}&isfolder=
${isfolder}&compress=${compress}&source_path=${source_path}&source_file=${source_file}&source_total=${source_total}&offset=${offset}

Variable	Description
${isfolder}	The request file is a folder. *1*: yes, *0*: no.
${compress}	If the request file is a folder or files then *0/1*: zip archive only, *2*: compress files. else the request file is a single file then *0*: transfer the original file to client *1*: zip archive only *2*:compress files
${source_path}	Path of the file. Start with the share name.
${source_file}	File name.
${source_total}	Total number of files.

${offset}	Offset to download.

Example:

Download a single file.

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=download&sid=xxxx&isfolder=0&compress=0&source_path=/Public&source_file=test.txt&source_total=1

Download multiple files, it will return an archive zip file.

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=download&sid=xxxx&isfolder=0&source_path=/Public&source_file=test.txt&source_file=test2.txt&source_total=2

Download offset file.

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=download&sid=xxxx&isfolder=0&source_path=/Public&source_file=test.txt&source_total=1&offset=1024

Download different share folder share files.

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=download&sid=xxxx&source_file=/Public/test.txt&source_file=/Download/aa/1.jpg&source_total=2

Return value:

Success:

Return a file for download

 Failure:

Return empty contents

Get Download ID

Description:

Start down file(s) and get a download id.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_download_id&source_file=${source_file}&source_total=${source_total}&source_path=${source_path}

Variable	Description
${source_file}	The download file name

${source_total}	The download file count
${source_path}	The download file path

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_download_id&source_file=sample01.jpg&source_total=1&source_path=/Multimedia/Samples

Return value:

Success:

{ "version": "5.0.0", "build": "20151225", "status": 1, "download_id": "7wFEw1" }

Get Download Status

Description:

Get download status of the specified download id

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_download_status&download_id=${download_id}

Variable	Description
${download_id}	The return value of get_download_id

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_download_status&download_id=7wFEw1

Return value:
Success:

{ "version": "5.0.0", "build": "20151225", "status": 1, "download_status": "completed" }

Get Image Thumbnail

Command:

utilRequest.cgi?func=${func}&sid=${sid}&path=${source_path }&name=${source_file }&size=${size}&option=${option}&agent_cayin=${agent_cayin}

Variable	Description
${func}	*get_thumb*
${path}	Path of the file. Start with the share name.
${name}	File name.
${size}	100/400/800; default value:400
${option}	*1*: force gen thumbnail (*2*: do nothing for client)(generate for background task) *3*: donnot put default image when generating thumbnil(It will output JSON format. ex: { "version": "5.0.0", "build": "20161114", "status": 65, "success": "true" })(This option just support photo image)
${agent_cayin} (for QTS v4.6.0 or later)	*0*: CAYIN not install or not enable *1*: CAYIN BASIC license *2*: CAYIN PLUS license Default value is "-1", then CGI will be check MediaSignPlayer license, always.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_thumb&sid=xxxx&path=/Public&name=sample.jpg&size=100

get Wx100 or 100xH thumbnail of sample.jpg

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_thumb&sid=xxxx&path=/Public&name=sample.jpg&size=100

Return value:

Success:

get Wx100 or 100xH thumbnail of sample.jpg

Fail

{ "version": "5.0.0", "build": "20161114", "status": 65, "status": "true" }

Generate One Photo File Image Thumbnail Forcefully(for v4.3.0 or later)

Command:

utilRequest.cgi?func=force_thumb&sid=${sid}&source_path=${source_path}&source_file=${source_file}&source_total=${source_total}

Variable	Description
${source_path}	Path of the file. Start with the share name.
${source_file}	File name.
${source_total}	Total file number

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=force_thumb&source_file=Samples.jpg&source_total=1&source_path=/Download&sid=vn07z52v

Return value: { "version": "5.0.0", "build": "20160510", "status": 1, "success": "true" }

Generate Remote Folder Image Thumbnail (SAMBA ONLY)

Description:

Generate remote connection folder image thumbnail.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_thumb&source_file=${source_file}&source_total=${source_total}&source_path=${source_path}&recursive=${recursive}&sid=${sid}

Variable	Description
${source_path}	Source path.
${source_file}	Source file.
${source_total}	Total number.
${recursive}	recursive or not (1 / 0)

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=remote_thumb&source_file=Samples&source_total=1&source_path=/remote:0@040342ea36e91f0732e31bd72ebb30a93dc71acd&recursive=1&sid=vn07z52v

Return value: { "status": 1, "pid": 28546 }

Set PDF Image Thumbnail (for 5.5.0 or later)

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=${func}&sid=${sid}&enable=${enable}

Variable	Description
${func}	*support_pdf_thumb*
${enable}	*1*:enable pdf thumbnail otherwise disable generate pdf thumbnail

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=support_pdf_thumb&sid=xxxx&enable=1

enable pdf thumbnail

{ "version": "5.6.0", "build": "20210127", "status": 1, "success": "true" }

Get PDF Image Thumbnail Setting (for 5.5.0 or later)

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=${func}&sid=${sid}

Variable	Description
${func}	*get_support_pdf_thumb*

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_support_pdf_thumb&sid=xxxx

enable pdf thumbnail

{ "status": 1, "Enable_PDF_Thumbnail": 0 }

Upload

Upload

Description:

Upload a file.

File station upload file use the same method of normal network server upload files.

It use type "multipart/form-data" and "post" method to upload file from client to NAS server.

And request payload contents of upload must append to the URL.

And the contents of multipart input must append to the contents of two sections.

First section:

name:file name

value:(file name)

And the second:

name: file

value: (file contents)

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=${func}&type=${type}&sid=${sid}&dest_path=${dest_path}&overwrite=${overwrite}&progress=${progress}

Variable	Description
${func}	*upload*
${type}	*standard*
${dest_path}	Destination dir path
${overwrite}	*1*: overwrite, *0*: skip
${progress}	Destination file path, "/" needs to be replaced with "-"

${check_sum}	1 : for check sum option
${md5}	md5 check sum value for check sum option

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=upload&type=standard&sid=xxxx&dest_path=/Public&overwrite=1&progress=-Public-test.zip

Upload test.zip to /Public. If the file exists, overwrite the file.

Return value:

Success:

{ "status": 1, "success": "true" }

Failure:

Permission denied

{ "status": 4, "success": "true" }

Quota limit exceeded

{ "status": 9, "success": "true" }

Get Chunked Upload Status

Description:

Get offsetting upload status.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=${func}&sid=${sid}&upload_id=${upload_id}&upload_root_dir=${upload_root_dir}

Variable	Description
${func}	*get_chunked_upload*
${upload_id}	Upload id.

${upload_root_dir}	Where to put tmp folder(the same as 9.4).

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_chunked_upload&sid=m987mqxt&upload_id=test&upload_root_dir=/Download

Return value:

Success:

 { "status": 0, "size": "12345" }

Failure:

Can't get upload status

{ "status": 5, " upload_id ": " xxxxx" }

Can't find user(it should not happen)

{ "status": -4, " upload_id ": " xxxxx" }

Start Chunked Upload

Description:

Start offsetting upload file and get upload id.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=${func}&sid=${sid}&upload_root_dir=${upload_root_dir}

Variable	Description
${func}	*start_chunked_upload*
${upload_root_dir}	Where to put tmp folder(the same as 9.4).

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=start_chunked_upload&sid=m987mqxt&upload_root_dir=/Download

Return value:

Success:

{ "status": 0, "upload_id": "xxxxx" }

Failure:

Permission denied

{ "status": 4, " upload_id ": " xxxxx" }

Can't generate upload file

{ "status": 9, " upload_id ": " xxxxx" }

Can't find user(it should not happen)

{ "status": -4, " upload_id ": " xxxxx" }

Chunked Upload

Description:

Offset upload file.

File station upload file use the same method of normal network server upload files.

It use type "multipart/form-data" and "post" method to upload file from client to NAS server.

And request payload contents of upload must append to the URL.

And the contents of multipart input must append to the contents of two sections.

First section:

name:file name

value:(file name)

And the second:

name: file

value: (file contents)

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=${func}&sid=${sid}&upload_id=${upload_id}&offset=${offset}&overwrite=${overwrite}&dest_path=${dest_path}&filesize=${filesize}&upload_root_dir=${upload_root_dir}&settime=${settime}&mtime=${mtime}&atime=${atime}

Variable	Description

${func}	chunked_upload
${upload_id}	Upload id.
${offset}	Offset.
${overwirte}	Overwrite or not 0: skip 1: overwrite 2: auto rename
${dest_path}	Destination path.
${filesize}	The total file size.
${upload_root_dir}	Where to put tmp (If you used share root path(/Download, /Public, ….) as the value of parameter "upload_root_dir" , it will be auto cleaned in period of 7 days later.)
${settime}	Set modified time flag(1 / 0)(ON / OFF).Default off.
${mtime}	Time of last modification.
${atime}	Time of last access.
${check_sum}	1 : for check sum option
${md5}	md5 check sum value for check sum option
${ation}	action : 1

	1: if upload mode is SKIP and skip source file successfully.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=chunked_upload&sid=m987mqxt&upload_id=test&offset=4096&overwrite=0&dest_path=/Download&filesize=10240&upload_root_dir=/Download&settime=1&mtime=1438161641&atime=1438161641

Return value:

Success:

{ "status": 1, "size": "10240" }

Failure:

NAS will NOT remove upload file.

{ "status": 0, " upload_id ": " xxxxx" }

Permission denied

{ "status": 4, " upload_id ": " xxxxx" }

${dest_path} doesnot exist.

NAS will NOT remove upload file

{ "status": 5, " upload_id ": " xxxxx" }

File upload success, but file is broken by some reasons.

NAS will remove upload file.

{ "status": 7, " upload_id ": " xxxxx" }

File write fail.

NAS will NOT remove upload file.

{ "status": 9, " upload_id ": " xxxxx" }

Invalid file name.

NAS will NOT remove upload file.

{ "status": 12, " upload_id ": " xxxxx" }

Delete Chunked Upload File

Description:

Delete chunked upload file.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=${func}&sid=${sid}&upload_id=${upload_id}&upload_root_dir=${upload_root_dir}

Variable	Description
${func}	*delete_chunked_upload_file*
${upload_id}	Upload id.
${upload_root_dir}	Where to put tmp (If you used share root path(/Download, /Public, ….) as the value of parameter "upload_root_dir" , it will be auto cleaned in period of 7 days later.)

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=delete_chunked_upload_file&sid=m987mqxt&upload_id=test&upload_root_dir=/Public

Return value:

Success:

{ "version": "5.2.0", "build": "20180111", "status": 0, "success": "true" }

Open File

Get a File

Description:

Get a file.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=xxxx&func=get_viewer&source_path=${source_path}&source_file=${source_file}&format=${format}&HLS=1&HLS_tmp=${HLS_tmp}

Variable	Description

${func}	*get_viewer*
${source_path}	Source dir path
${source_file}	Source file name
${HLS}	check HLS function true or false(1 / 0)(default 0) 1 : get file full path and creator (for v4.3.4 or later)
${HLS_tmp}	Get file full path tmp buffer (for v4.3.4 or later)

Example:

http://172.17.20.38:8080/cgi-bin/filemanager/utilRequest.cgi/123.jpg?sid=m3cop5xh&func=get_viewer&source_path=/Download&source_file=123.jpg

Open 123.jpg file.

http://172.17.20.38:8080/cgi-bin/filemanager/utilRequest.cgi/Dream.mp4?sid=m3cop5xh&func=get_viewer&source_path=/Download&source_file=Dream.mp4&format=mp4_360

Open Dearm4.mp4 360p formt type media code.

http://172.17.20.38:8080/cgi-bin/filemanager/utilRequest.cgi/123.avi?sid=m3cop5xh&func=get_viewer&source_path=/Download&source_file=123.avi&player=1

Open 123.avi with jwplayer.

http://172.17.20.38:8080/cgi-bin/filemanager/utilRequest.cgi/123.avi?sid=m3cop5xh&func=get_viewer&source_path=/Download&source_file=123.avi&rtt=1

Open 123.avi with FLV player.

Get real file path

http://172.17.20.107:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_viewer&source_path=/Multimedia&sid=s5utwwa5ytujx3gw60i7jr9d3dn1vuoe&source_file=aa.mp4&ss=0&rtt=1&HLS=1&HLS_tmp=/share/CACHEDEV1_DATA/Multimedia/.@__thumb/vs.path

Get real file path from the specific file
/share/CACHEDEV1_DATA/Multimedia/.@__thumb/vs.path

==>

/share/CACHEDEV1_DATA/Multimedia/aa.mp4

admin

Return value:

Success:

Return a file for viewer

Failure:

Return empty contents

Get Video by Resolution

Description:

Get video by resolution.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_viewer&source_path=${source_path}&source_file=${source_file}&player=${player}&format=${format}

Variable	Description
${func}	*get_viewer*
${source_path}	Source dir path
${source_file}	Source file name
${player}	Use the jwplayer player or not (*1/0*)
${format}	Video trnascode format type for opening. ${format} can be : *mp4_240 / mp4_360 / mp4_480 / mp4_720 / mp4_1080*

Example:

http://172.17.20.38:8080/cgi-bin/filemanager/utilRequest.cgi/123.jpg?sid=m3cop5xh&func=get_viewer&source_path=/Download&source_file=123.jpg

Open 123.jpg file.

http://172.17.20.38:8080/cgi-bin/filemanager/utilRequest.cgi/Dream.mp4?sid=m3cop5xh&func=get_viewer&source_path=/Download&source_file=Dream.mp4&format=mp4_360

Open Dearm4.mp4 360p formt type media code.

http://172.17.20.38:8080/cgi-bin/filemanager/utilRequest.cgi/123.avi?sid=m3cop5xh&func=get_viewer&source_path=/Download&source_file=123.avi&player=1

Open 123.avi with jwplayer.

http://172.17.20.38:8080/cgi-bin/filemanager/utilRequest.cgi/123.avi?sid=m3cop5xh&func=get_viewer&source_path=/Download&source_file=123.avi&rtt=1

Open 123.avi with FLV player.

Return value:

Success:

Return a file for viewer

Failure:

Return empty contents

On-The-Fly Transcoding

Description:

Real time transcoding on the fly.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi/${source_file}?sid=xxxx&func=get_viewer&source_path=${source_path}&source_file=${source_file}&rtt=${rtt}&ss=${ss}&vq=${vq}&s=${s}

Variable	Description
${func}	*get_viewer*
${source_path}	Source dir path
${source_file}	Source file name

${rtt}	*1*:FLV for video or music, *3*:MP3 for music
${ss}	start time for seeking.(Unit : second)
${vq}	Video quality ${vq} can be : *1 / 2 / 3* {low / medium / high}
${s}	Realtime transcode resolution.(**for v4.1.1 or later**) ${s} can be : *240p / 360p / 480p / 720p / 1080p*

Example:

http://172.17.20.38:8080/cgi-bin/filemanager/utilRequest.cgi/123.jpg?sid=m3cop5xh&func=get_viewer&source_path=/Download&source_file=123.jpg

Open 123.jpg file.

http://172.17.20.38:8080/cgi-bin/filemanager/utilRequest.cgi/Dream.mp4?sid=m3cop5xh&func=get_viewer&source_path=/Download&source_file=Dream.mp4&format=mp4_360

Open Dearm4.mp4 360p formt type media code.

http://172.17.20.38:8080/cgi-bin/filemanager/utilRequest.cgi/123.avi?sid=m3cop5xh&func=get_viewer&source_path=/Download&source_file=123.avi&vq=1

Open 123.avi with jwplayer.

http://172.17.20.38:8080/cgi-bin/filemanager/utilRequest.cgi/123.avi?sid=m3cop5xh&func=get_viewer&source_path=/Download&source_file=123.avi&rtt=1&ss=100

Open 123.avi with FLV player.

http://172.17.20.124:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_viewer&source_path=/home&sid=5sn75z8j&source_file=aa.mp4&s=240p

Open aa.mp4 and resolution 240p

Return value:

Return a file for viewer

Return empty contents

Get QTS Support Mime Type (for v4.3.0 or later)

Description:

Get QTS support media mime type.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_viewer_support_format_type

Return value:

{ "status": 1, "total": 103, "datas":

```
[ { "count": 31, "media_type": 3, "type_name": "photo", "datas":
    [ { "ext_name": "jpg", "mime_type": "image\/jpeg" },
      { "ext_name": "jpeg", "mime_type": "image\/jpeg" },
      { "ext_name": "gif", "mime_type": "image\/gif" },
      { "ext_name": "png", "mime_type": "image\/png" },
      { "ext_name": "tif", "mime_type": "image\/tiff" },
      { "ext_name": "tiff", "mime_type": "image\/tiff" },
      { "ext_name": "bmp", "mime_type": "image\/bmp" },
      { "ext_name": "cr2", "mime_type": "image\/x-canon-cr2" },
      { "ext_name": "crw", "mime_type": "image\/x-canon-crw" },
      { "ext_name": "arw", "mime_type": "image\/sony" },
      { "ext_name": "sr2", "mime_type": "image\/sony" },
      { "ext_name": "dcr", "mime_type": "image\/dcr" },
      { "ext_name": "kdc", "mime_type": "image\/kdc" },
      { "ext_name": "nef", "mime_type": "image\/nef" },
      { "ext_name": "mrw", "mime_type": "image\/mrw" },
      { "ext_name": "pef", "mime_type": "image\/pef" },
      { "ext_name": "raf", "mime_type": "image\/raf" },
      { "ext_name": "3fr", "mime_type": "image\/3fr" },
      { "ext_name": "erf", "mime_type": "image\/erf" },
      { "ext_name": "mef", "mime_type": "image\/mef" },
```

```
                    { "ext_name": "mos", "mime_type": "image\/mos" },
                    { "ext_name": "orf", "mime_type": "image\/orf" },
                    { "ext_name": "rw2", "mime_type": "image\/rw2" },
                    { "ext_name": "dng", "mime_type": "image\/dng" },
                    { "ext_name": "x3f", "mime_type": "image\/x3f" },
                    { "ext_name": "srf", "mime_type": "image\/srf" },
                    { "ext_name": "k25", "mime_type": "image\/k25" },
                    { "ext_name": "ptx", "mime_type": "image\/ptx" },
                    { "ext_name": "tga", "mime_type": "image\/x-tga" },
                    { "ext_name": "raw", "mime_type": "image\/raw" },
                    { "ext_name": "jpe", "mime_type": "image\/jpeg" }
            ] },
        { "count": 30, "media_type": 2, "type_name": "video", "datas":
            [ { "ext_name": "ifo", "mime_type": "video\/dvd" },
                    { "ext_name": "bdmv", "mime_type": "video\/bluray" },
                    { "ext_name": "m2ts", "mime_type": "video\/mpeg" },
                    { "ext_name": "avi", "mime_type": "video\/x-msvideo" },
                    { "ext_name": "mpg", "mime_type": "video\/mpeg" },
                    { "ext_name": "mp4", "mime_type": "video\/mp4" },
                    { "ext_name": "wmv", "mime_type": "video\/x-ms-wmv" },
                    { "ext_name": "ts", "mime_type": "video\/mpeg" },
                    { "ext_name": "tp", "mime_type": "video\/mpeg" },
                    { "ext_name": "asf", "mime_type": "video\/x-ms-asf" },
                    { "ext_name": "m2t", "mime_type": "video\/mpeg" },
                    { "ext_name": "mov", "mime_type": "video\/quicktime" },
                    { "ext_name": "m2v", "mime_type": "video\/mpeg" },
                    { "ext_name": "mpeg", "mime_type": "video\/mpeg" },
                    { "ext_name": "3gp", "mime_type": "video\/3gp" },
                    { "ext_name": "mkv", "mime_type": "video\/x-matroska" },
                    { "ext_name": "mts", "mime_type": "video\/mpeg" },
                    { "ext_name": "tod", "mime_type": "video\/mpeg" },
                    { "ext_name": "mod", "mime_type": "video\/mpeg" },
                    { "ext_name": "trp", "mime_type": "video\/mpeg" },
                    { "ext_name": "m1v", "mime_type": "video\/mpeg" },
                    { "ext_name": "m4v", "mime_type": "video\/mp4" },
                    { "ext_name": "rmp4", "mime_type": "video\/mp4" },
                    { "ext_name": "divx", "mime_type": "video\/divx" },
```

```json
        { "ext_name": "flv", "mime_type": "video\/x-flv" },

        { "ext_name": "iso", "mime_type": "video\/iso" },

        { "ext_name": "rmvb", "mime_type": "video\/vnd.rn-realvideo"
},

        { "ext_name": "rm", "mime_type": "video\/vnd.rn-realvideo" },

        { "ext_name": "mpv2", "mime_type": "video\/x-mpeg2" },

        { "ext_name": "mp2v", "mime_type": "video\/x-mpeg2" }

    ] },

  { "count": 21, "media_type": 1, "type_name": "music", "datas":

     [ { "ext_name": "mp3", "mime_type": "audio\/mpeg" },

        { "ext_name": "aac", "mime_type": "audio\/x-aac" },

        { "ext_name": "wav", "mime_type": "audio\/x-wav" },

        { "ext_name": "wma", "mime_type": "audio\/x-ms-wma" },

        { "ext_name": "flac", "mime_type": "audio\/x-flac" },

        { "ext_name": "ape", "mime_type": "audio\/x-monkeys-audio" },

        { "ext_name": "dts", "mime_type": "audio\/dts" },

        { "ext_name": "m4a", "mime_type": "audio\/x-m4a" },

        { "ext_name": "ogg", "mime_type": "audio\/ogg" },

        { "ext_name": "ac3", "mime_type": "audio\/ac3" },

        { "ext_name": "aiff", "mime_type": "audio\/x-aiff" },

        { "ext_name": "au", "mime_type": "audio\/basic" },

        { "ext_name": "aif", "mime_type": "audio\/x-aiff" },

        { "ext_name": "m4r", "mime_type": "audio\/x-m4r" },

        { "ext_name": "dsf", "mime_type": "audio\/x-dsf" },

        { "ext_name": "dff", "mime_type": "audio\/x-dff" },

        { "ext_name": "m4b", "mime_type": "audio\/x-m4b" },

        { "ext_name": "mka", "mime_type": "audio\/x-matroska" },

        { "ext_name": "wv", "mime_type": "audio\/x-wavpack" },

        { "ext_name": "mpa", "mime_type": "audio\/mpeg" },

        { "ext_name": "ra", "mime_type": "audio\/x-pn-realaudio" }

    ] },

  { "count": 21, "media_type": 4, "type_name": "others", "datas":

     [ { "ext_name": "txt", "mime_type": "text\/plain", "type": 4 },

        { "ext_name": "ppt", "mime_type":
"application\/vnd.ms-powerpoint", "type": 4 },

        { "ext_name": "xml", "mime_type": "text\/xml", "type": 4 },

        { "ext_name": "dtd", "mime_type": "text\/xml", "type": 4 },

        { "ext_name": "htm", "mime_type": "text\/html", "type": 4 },
```

```
        { "ext_name": "html", "mime_type": "text\/html", "type": 4 },
        { "ext_name": "xhtml", "mime_type": "text\/html", "type": 4 },
        { "ext_name": "img", "mime_type": "application\/x-img",
"type": 4 },
        { "ext_name": "zip", "mime_type": "application\/zip", "type":
4 },
        { "ext_name": "gzip", "mime_type": "application\/zip", "type":
4 },
        { "ext_name": "tar", "mime_type": "application\/octet-stream",
"type": 4 },
        { "ext_name": "gz", "mime_type": "application\/octet-stream",
"type": 4 },
        { "ext_name": "tgz", "mime_type": "application\/octet-stream",
"type": 4 },
        { "ext_name": "doc", "mime_type": "application\/msword",
"type": 4 },
        { "ext_name": "pps", "mime_type":
"application\/vnd.ms-powerpoint", "type": 4 },
        { "ext_name": "xls", "mime_type": "application\/vnd.ms-excel",
"type": 4 },
        { "ext_name": "srt", "mime_type": "text\/plain", "type": 4 },
        { "ext_name": "xlsx", "mime_type":
"application\/vnd.openxmlformats-officedocument.spreadsheetml.sheet",
"type": 4 },
        { "ext_name": "pptx", "mime_type":
"application\/vnd.openxmlformats-officedocument.presentationml.presenta
tion", "type": 4 },
        { "ext_name": "docx", "mime_type":
"application\/vnd.openxmlformats-officedocument.wordprocessingml.docume
nt", "type": 4 },
        { "ext_name": "pdf", "mime_type": "application\/pdf", "type":
4 }
      ] }
    ]


}
```

QTS Support Mime Type

Description:

QTS support mime type DOC.

If specified mime type is not in the under table or QTS server cannot support the realtime transcoding, it will

be saved to the local machine when opening or getting the file.

If specified mime type is in the under table (ex: "txt, text/plain") and the local machine can support this file type,

it will be opened from the local machine.

IMAGE :

Variable	Description
jpg	image/jpeg
jpeg	image/jpeg
gif	image/gif
png	image/png
tif	image/tiff
tiff	image/tiff
bmp	image/bmp

VIDEO :

Variable	Description

m2ts	video/mpeg
avi	video/x-msvideo
mpg	video/mpeg
mp4	video/mp4
wmv	video/x-ms-wmv
ts	video/mpeg
tp	video/mpeg
asf	video/x-ms-asf
m2t	video/mpeg
mov	video/quicktime
m2v	video/mpeg
mpeg	video/mpeg
3gp	video/3gp

mkv	video/x-matroska
mts	video/mpeg
tod	video/mpeg
mod	video/mpeg
trp	video/mpeg
m1v	video/mpeg
m4v	video/mp4
rmp4	video/mp4
divx	video/divx
flv	video/x-flv
rmvb	video/vnd.rn-realvideo
rm	video/vnd.rn-realvideo

AUDIO :

Variable	Description
mp3	audio/mpeg
aac	audio/x-aac
wav	audio/x-wav
wma	audio/x-ms-wma
flac	audio/x-flac
ape	audio/x-monkeys-audio
application/octet-stream	application/octet-stream
audio/x-m4a	audio/x-m4a
audio/ogg	audio/ogg
audio/ac3	audio/ac3
audio/x-aiff	audio/x-aiff
audio/basic	audio/basic

OTHERS :

Variable	Description
txt	text/plain
pdf	application/pdf
ppt	application/x-ppt
xml	text/xml
dtd	text/xml
html	text/html
html	text/html
xhtml	text/html
img	application/x-img
zip	application/zip
gzip	application/zip
tar	application/octet-stream

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gz	application/octet-stream
tgz	application/octet-stream
doc	application/msword
pps	application/vnd.ms-powerpoint
xls	application/x-xls

Get List

Get Folder List

Description:

Get folder(share) list.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_tree&sid=${sid}&is_iso=${is_iso}&node=${node}&hidden_file=${hidden_file}&vol=${vol}&check_acl=${check_acl}

Variable	Description
${is_iso}	Is a iso share. *1*: yes, *0*: no. Default is *0*. This value is according to a field "iconCls" in get_tree response. If "iconCls" is "iso", this value is *1*.

${node}	Target folder path.
	Use folder path to get folder list, and use the value with '*vol_root*' to get volume list, or use the value with '*share_root*' to get share list, or use the value with '*recycle_root*' to get recycle bin share list.G
${hidden_file}	*1/0*
	0: donnot show hidden file
	1: show hidden file
${vol}	*1/0 (for node=share_root)*
	1: get volume more infomation
${sort}	*1/0*
	0: donnot show hidden file
	1: show hidden file
${media}	*2/0 (for v4.3.4 or later)*
	2: get file mp4 projection type
${check_acl}	*1/0 (for v4.3.3 or later)*
	0: do not check acl privilege(default is true)(for performance)

Example:

1.   Get share list

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_tree&sid=xxxx&is_iso=0&node=share_root

SUBJECT TO CHANGE WITHOUT NOTICE

2. Get folder list

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_tree&sid=xxxx&is_iso=0&node=/Public

3. Get folder list (in iso share)

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_tree&sid=xxxx&is_iso=1&node=/folder_name

4. Get recycle bin list

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_tree&sid=xxxx&node=recycle_root

5. Get Panasonic DA node

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_tree&sid=xxxx&node=/qham:home&check_acl=0&recycle=0&hidden_file=0&is_iso=0 ==> [{ "id": "\/qham:home\/Mcp00136", "cls": "7", "da_type": 1, "text": "Panasonic DA", "no_setup": 0, "draggable": 1, "iconCls": "folder", "noSupportACL": 1, "max_item_limit": 2000, "real_total": 1 }]

6. Get Panasonic DA tree node

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_tree&sid=xxxx&node=/qham:home/Mcp00136&check_acl=0&recycle=0&hidden_file=1&is_iso=0

==> [{ "id": "\/qham:home\/Mcp00136\/AF-00", "cls": "7", "text": "AF-00", "no_setup": 0, "draggable": 1, "iconCls": "folder", "noSupportACL": 1, "max_item_limit": 2000, "real_total": 1 }]

7. Get volume list

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_tree&hidden_file=0&is_iso=0&node=vol_root&sid=o3d2s04t&recycle=0&check_acl=0 ==> [

```
{
    "volume_id":2,
    "bucket_name":"aaron1108",
    "provider":"amazons3",
    "syncing":0,
    "sync_percent":15,
    "volume_ui_type":13,
    "unit":"KB",
    "volume_unit":"GB",
    "volume_free_unit":"MB",
    "volume_name":"PeterLai653B_CloudVol1",
    "volume_status":0,
    "volume_avail":1,
    "capacity":93,
    "free_size":93,
    "used_size":0,
```

```
    "volume_encrypt":0,
    "volume_lock":0,
    "raid_level":-10,
    "raid_disk_cnt":0,
    "raid_disk_list":"",
    "pool_vjbod":0,
    "vol_type":0,
    "pool_status":0,
    "pool_id":-1,
    "pool_name":"--",
    "raid_count":0,
    "pool_capacity":"",
    "snapshot":0,
    "FSRVP_support":0
},
{
    "volume_id":1,
    "volume_ui_type":2,
    "unit":"KB",
    "volume_unit":"GB",
    "volume_free_unit":"MB",
    "volume_name":"DataVol1",
    "volume_status":0,
    "volume_avail":1,
    "capacity":544,
    "free_size":527,
    "used_size":16,
    "volume_encrypt":0,
    "volume_lock":0,
    "raid_level":1,
    "raid_disk_cnt":2,
    "raid_disk_list":"1 2",
    "pool_vjbod":0,
    "vol_type":0,
    "pool_status":-1,
    "pool_id":1,
    "pool_name":"vg1",
```

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```
"raid_count":1,
"is_tr_raid":0,
"raid_id1":1,
"ssd_disk_list":"0 0",
"pool_capacity":"",
"snapshot":1,
"snapshot_count":0,
"FSRVP_support":0
}
```

Response field:

Field	Description
tier_enable	1 / 0 : enable or not
ssd_cache	1 / 0 : enable or not
cache_mode	*1* : read_write_cache *2* : read_only_cache
vol_type	*1* : volume type is mtp

]

Return value:

Success:

```
[
    {
    "text": "Luke",
    "id": "\/Luke",
    "cls": "w",
    "draggable": 0,
```

```
"iconCls": "folder",

"noSupportACL": 0

},{

"text": "android-x86-1.6-r2",

"id": "\android-x86-1.6-r2",

"cls": "r",

"draggable": 0,

"iconCls": "iso",

"noSupportACL": 0

}

]
```

Response field:

Field	Description
cls	Folder permission. *r*: read only, *w*: read write
iconCls	"folder" for normal share folder, "iso" for iso share, "mtp" for cell phone, "odd" for DVD "qdff" for Hybrid Backup Sync
noSupportACL	*0*: support ACL, *1*: not support ACL

Fail:

Permission deny

{ "status": 4, "success": "true" }

6.   Get volume id 1 list

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_tree&vol=1&node=share_root&sid=o3d2s04t

Get File List

Description:

Get file list (include file and folder).

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_list&sid=${sid}&is_iso=${is_iso}&list_mode=${list_mode}&path=${path}&dir=${dir}&limit=${limit}&sort=${sort}&start=${start}&hidden_file=${hidden_file}&type=${type}&mp4_240=${mp4_240}&mp4_360=${mp4_360}&mp4_480=${mp4_480}&mp4_720={mp4_720}&mp4_1080={mp4_1080}&filename=${filename}&check_rtt}&v={v}

Variable	Description
${is_iso}	Is a iso share. *1*: yes,*0*: no
${list_mode}	Value is "all"
${path}	Folder path
${dir}	Sorting direction. ASC: Ascending , DESC: Descending
${limit}	Number of response datas
${sort}	Sort field (filename/filesize/filetype/mt/privilege/owner/group)
${start}	Response data start index
${hidden_file}	List hidden file or not. *0*:donnot list hidden files, *1*:list files
${type}	*1*: MUSIC, *2*:VIDEO, *3*:PHOTO , *4*: LIST FOLDER, *5*: MEDIA(MUSIC and VIDEO and PHOTO)

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${mp4_240}	Video format type mp4_240 true or not(*1/0*)
${mp4_360}	Video format type mp4_360 true or not(*1/0*)
${mp4_480}	Video format type mp4_480 true or not(*1/0*)
${mp4_720}	Video format type mp4_720 true or not(*1/0*)
${mp4_1080}	Video format type flv_720 true or not(*1/0*)
${mp4_1080}	Video format type mp4_1080 true or not(*1/0*)
${filename}	Search video file name
${check_rtt}	Is realtime transcoding support ?(*1/0*)
${v}	New version list(v=1, otherwise v=0) v=1, It will not get user name, group name from uid, gid (performance issue)

*Example***'1'**:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_list&sid=xxxx&is_iso=0&list_mode=all&path=/Public&dir=ASC&limit=20&sort=filename&start=0

*Example***'2'**: *(Get Panasonic DA folder list and status)*

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_list&sid=xxxx&start=0&limit=500&sort=natural&dir=ASC&list_mode=all&noSupportACL=true&path=/qham:home/Mcp00136/AF-00&is_iso=0&access=7&media=2&recycle=0&hidden_file=1

==>

{ "medialib": 1, "total": 4, "real_total": 4, "acl": 7, "is_acl_enable": 1, "is_winacl_support": 1, "is_winacl_enable": 0, "rtt_support": 1, "datas": [{ "filename": "5MB.mp4", "isfolder": 0, "filesize": "5251468", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "660",

"privilege_ex": 0, "filetype": 0, "mt": "2021\/11\/29 16:41:35", "epochmt": 1638175295, "exist": 1, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "mp4_org": 0, "mp3": 0, "trans": 0, "play": 0, "subtitle": 0, "randno": "", "sticky_bit": 0, "encrypt_folder": 0, "projection_type": 0, "rf_team_priviege": 0, "is_cached": 0, "cache_upload_progress": 0, "is_h265": 1 }, { "filename": "Big_Buck_Bunny_1080_10s_5MB.mp4", "isfolder": 0, "filesize": "5251468", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "660", "privilege_ex": 0, "filetype": 0, "mt": "2021\/11\/29 16:41:16", "epochmt": 1638175276, "exist": 1, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "mp4_org": 0, "mp3": 0, "trans": 0, "play": 0, "subtitle": 0, "randno": "", "sticky_bit": 0, "encrypt_folder": 0, "projection_type": 0, "rf_team_priviege": 0, "is_cached": 0, "cache_upload_progress": 0, "is_h265": 1 }, { "filename": "t1.sh", "isfolder": 0, "filesize": "116", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "660", "privilege_ex": 0, "filetype": 0, "mt": "2021\/11\/29 17:11:58", "epochmt": 1638177118, "exist": 1, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "mp4_org": 0, "mp3": 0, "trans": 0, "play": 0, "subtitle": 0, "randno": "", "sticky_bit": 0, "encrypt_folder": 0, "projection_type": 0, "rf_team_priviege": 0, "is_cached": 0, "cache_upload_progress": 0, "is_h265": 0 }, { "filename": "txt.sh", "isfolder": 0, "filesize": "138", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "660", "privilege_ex": 0, "filetype": 0, "mt": "2021\/11\/29 16:40:54", "epochmt": 1638175254, "exist": 1, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "mp4_org": 0, "mp3": 0, "trans": 0, "play": 0, "subtitle": 0, "randno": "", "sticky_bit": 0, "encrypt_folder": 0, "projection_type": 0, "rf_team_priviege": 0, "is_cached": 0, "cache_upload_progress": 0, "is_h265": 0 }] }

Response field for folder: *(Samples is folder)*

Field	Description
qham_added	The file is added to be committed. (*1* : committed, *0* : not yet)
qham_archival_time	archival time
qham_archival_time_epoch	epoch timestamp
qham_children_in_archive	This folder of children is in archive or not, *0*: no, *1*: yes, *2*: archiving, *3*: na

Field	Description
qham_children_in_cache	This folder of children is in cache or not, *0*: no, *1*: yes, *2*: retrieving, *3*: na
qham_in_archive	This folder is in archive or not, *0*: no, *1*: yes, *2*: archiving,

Response field for file: *(1.jpg is file)*

Field	Description
qham_added	The file is added to be committed. (*1* : committed, *0* : not yet)
qham_archival_time	archival time
qham_archival_time_epoch	epoch timestamp
qham_archive_state	file archive state, *0*: no(not in archive), *1*: online, *2*: nearline, *3*: offline,
qham_in_cache	file is in cache or not, *0*: no, *1*: yes, *2*: retrieving,
qham_in_archive	file in archive or not, *0*: no, *1*: yes, *2*: archiving,

Field	Description

cache_root_status (for v4.4.1 or later)(for cache mount qpkg)	cache root mount path status (*2000* : OK, *6000* : Network Error, *4031* : Authentication Error, *5000* : Service Error, *4290* : Too Many Request, *4950* : Certificate Veryfy Error, *9003* : Network Interface Down, *5070* : Insufficient Space, *4080* : Request Time Too Skewed, *5071* : Exceed Quota, *Oehers* : others)
upload_failed_count (for v4.4.1 or later)(for cache mount qpkg)	Cache mount path sync upload failed count

Example'3':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_list&sid=xxxx&path=/Public&dir=ASC &limit=20&sort=nartual&start=0&limit=100type=2&flv_720=1&mp4_360=1&filename=Dream.mp4

(list for type is VIDEO(type=2) and format FLV 720(flv_720=1) or format MP4 360(mp4_360=1) and file name is Dream.mp4(filename=Dream.mp4))

Return value:

Success:

```
{
        "total": 1,
        "acl": 7,
        "is_acl_enable": 1,
        "is_winacl_support": 1,
        "is_winacl_enable": 0,
        "rtt_support": 1,
        "page": 1,
        "datas": [
        {
                "filename": "TS-439_20110504-3.5.0.img",
                "isfolder": 0,
                "filesize": "137595818",
                "group": "administrators",
                "owner": "admin",
                "iscommmpressed": 0,
```

"privilege": "770",

"filetype": 0,

"randno": 7894,

"mt": "2011\/05\/06 14:35:20\n"

"mp4_360": 0,

"mp4_720": 0,

"flv_720": 0

"trnas": 0,

"play": 0

"encrypt_folder": 0

}

]

}

Response field:

Field	Description
total	Total numer.
acl	ACL permission. *7*: read write, *4*: read only, *0*: deny
is_acl_enable	ACL if enable. *0*: not enable, *1*: enable
is_winacl_support	WIN ACL if support. *0*: not support, *1*: support
is_winacl_enable	WIN ACL if enable. *0*: not enable, *1*: enable
rtt_support	rtt if support. *0*: not support, *1*: support
page	List media type that the file position page(for media type) (for example 2)

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datas	List datas
filename	File name
isfolder	*1*: folder, *0*: file
filesize	File size. unit: byte
randno	rand number(for client control thumbnail cache problem)(SPEC#5687)
filetype	*1*:MUSIC, *2*:VIDEO, *3*:PHOTO, *0*:undefined
group	File group
owner	File owner
mp4_360	mp4 360p transcoded media ready or not
mp4_720	mp4 720p transcoded media ready or not
flv_720	flv 720 transcoded media ready or not
trans	added transcode or not
play	Is mp4 video format for playing or not(in the "@Transcode" folder)

encrypt_folder	*1*:encrypt, *0*:not encrypt

Permission deny

{ "status": 4, "success": "true" }

Get User List

Description:

List local or domain users, and search to select the user.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_user_group_list&type=${type}&filter=${filter}

Variable	Description
${type}	0: local user 1: domain user
${filter}	The filter user name

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_user_group_list&type=0&filter=admin

Return value:

Success:

{ "status": 1, "count": 1, "user_list": [{ "name": "admin" }] }

Media Folder List

Description:

Media folder list

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=media_folder_list

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=media_folder_list

Return value:

Success:

{ "version": "5.0.0", "build": "20151225", "status": 1, "QDMSEnable": 1, "RTMonitor": 1, "count": 6, "datas": [

{ "path": "\/share\/CACHEDEV1_DATA\/Download\/", "mount_path": "\/share\/CACHEDEV1_DATA", "folder_path": "Download\/", "db_name": "s01", "mask": 15, "tmask": 0, "secure": 0, "option": 0 },

{ "path": "\/share\/CACHEDEV1_DATA\/Multimedia\/", "mount_path": "\/share\/CACHEDEV1_DATA", "folder_path": "Multimedia\/", "db_name": "s01", "mask": 15, "tmask": 0, "secure": 0, "option": 0 },

{ "path": "\/share\/CACHEDEV1_DATA\/Peien\/", "mount_path": "\/share\/CACHEDEV1_DATA", "folder_path": "Peien\/", "db_name": "s01", "mask": 15, "tmask": 0, "secure": 0, "option": 0 },

{ "path": "\/share\/CACHEDEV1_DATA\/Peien\/picture\/", "mount_path": "\/share\/CACHEDEV1_DATA", "folder_path": "Peien\/picture\/", "db_name": "s01", "mask": 4, "tmask": 0, "secure": 0, "option": 0 },

{ "path": "\/share\/CACHEDEV1_DATA\/Public\/", "mount_path": "\/share\/CACHEDEV1_DATA", "folder_path": "Public\/", "db_name": "s01", "mask": 15, "tmask": 0, "secure": 0, "option": 0 },

{ "path": "\/share\/CACHEDEV1_DATA\/homes\/", "mount_path": "\/share\/CACHEDEV1_DATA", "folder_path": "homes\/", "db_name": "s01", "mask": 15, "tmask": 0, "secure": 1, "option": 0 }] }

Get Total Files Size

Description:

Get total files size (include hidden file and folder).

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_file_size&sid=${sid}&path=${path}&total=${total}&name=${name0}$name=${name1}&name=....

Variable	Description
${path}	Folder path

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${total}	The number of file/folder which are calculating the total size
${name}	file or folder name
${v}	v=1 for background task, otherwise not(default)

Example1:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_file_size&sid=XXXX&path=/Download&total=3&name=folder1$name=file1&name=file2

Return value:

Success:

{ "status": 1, "size": "3151054123", "folderCnt": "5", "fileCnt": "1029" }

Fail:

Permission deny

{ "status": 4, "success": "true" }

Example2:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_file_size&sid=XXXX&path=/&total=2&name=/remote:0@0402573fb71b5567f729a514a74e39def333da5a/Samples&name=/remote:0@0402573fb71b5567f729a514a74e39def333da5a/test1000

Return value:

Success:

{ "status": 1, "size": "3151054123", "folderCnt": "2", "fileCnt": "1029" }

Example3:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_file_size&sid=XXXX&path=/Download&total=1&name=folder1

Return value:

Success:

{ "status": 1, "pid": 7427 }

Get Folder Acl Privilege

Description:

Get folder acl privilege.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_acl_control&sid=${sid}&share_name=${share_name}&root=${root}&shareName=${shareName}

Variable	Description
${share_name}	share folder full path
${root}	Is root share or not? 1: root share folder 0: not root share folder
${shareName}	share folder name

*Example***'1'***:*

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_acl_control&sid=xxxx&share_name=/share/Download&root=1&shareName=Download

Return value:

Success:

{ "is_acl_enable":1, "is_winacl_support":1, "is_winacl_enable":0, "ownUserandGroup":4, "admin_users":0, "admin_only":0, "guest_type":"I", "owner":"admin", "sticky":0, "datas":[{ "name":"test name", "groupOrUser":2, "action":"R", "is_ldap":0, "groupList":"everyone", "preview":"N" }, { "name":"admin", "groupOrUser":2, "action":"W", "is_ldap":0, "groupList":"administrators,everyone", "preview":"N" }, { "name":"peter", "groupOrUser":2, "action":"W", "is_ldap":0, "groupList":"administrators,everyone,peter123456789012345678901234567890", "preview":"N" }, { "name":"ldap559", "groupOrUser":2, "action":"W", "is_ldap":0, "groupList":"Domain Users", "preview":"N" }] }

Set Folder Acl Privilege

Description:

Set folder acl privilege.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=set_acl_control&sharename=${sharename}&root=${root}&update_modified=${update_modified}&update_all=${update_all}&recursive=${recursive}&stickybit=${stickybit}&admin_only=${admin_only}&owner=${owner}&rd_user_len=${rd_user_len}&rw_user_len=${rw_user_len}&admin_rw_user_len=${admin_rw_user_len}&admin_rw_user=${admin_rw_user}&no_user_len=${no_user_len}&empty_user_len=${empty_user_len}&empty_user0=${empty_user0}&del_user_len=${del_user_len}&del_user0=${del_user0}&ad_user_len=${ad_user_len}&rd_group_len=${rd_group_len}&rw_group_len=${rw_group_len}&admin_rw_group_len=${admin_rw_group_len}&no_group_len=${no_group_len}&empty_group_len=${empty_group_len}&del_group_len=${del_group_len}&ad_group_len=&{ad_group_len}

Variable	Description
${sharename}	share folder name
${root}	Is root share or not? 1: root share folder 0: not root share folder
${update_modified}	1:Apply changes to files and subfolders
${update_all}	1:Apply and replace all existing permissions of this folder, files, and subfolders
${recursive}	If one of update_modified or update_all is 1, recursive will be 1. Recursive set to the subfolders.
${stickybit}	1:Only the owner can delete the contents

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${admin_only}	1:Only the admin can create files and folders
${owner}	The file/folder owner.
${rd_user_len}	The count of domain user that can read only
${rd_user#} '#':0~ rd_user_len-1	The domain user name that can read only
${rw_user_len}	The count of domain users that can read write
${rw_user#} '#':0~ rw_user_len-1	The domain user name that can read write
${admin_rw_user_len}	The count of local user that can read write
${admin_re_user#} '#':0~admin_rw_user_len-1	The local user name that can read write
${no_user_len}	The count of domain users that were deny to access
${no_user#} '#':0~ no_user_len-1	The domain user name that were deny to access
${empty_user_len}	1: The access right of guest is deny

${empty_user#} '#':0~ empty_user_len-1	When deny guest to access, this value will be set guest
${del_user_len}	The count of delete users
${del_user #} '#':0~ del_user_len-1	The user name that were deleted
${ad_user_len}	The count of add users
${ad_user#} '#':0~ ad_user_len-1	The user name that were added
${rd_group_len}	The count of local/domain group that can read only
${rd_group#} '#':0~ rd_group_len-1	The local/domain group name that can read only
${rw_group_len}	The count of local/domain group that can read write
${rw_group#} '#':0~ rw_group_len-1	The local/domain group name that can read write
${admin_rw_group_len}	The count of local/domain group that can read write

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${admin_rw_group#} '#':0~ admin_rw_group-1	The local/domain group name that can read write
${no_group_len}	The count local group is deny
${no_group#} '#':0~ no_group_len-1	The denied local group name
${empty_group_len}	1: The access right of domain group is deny
${empty_group#} '#':0~ empty_group_len-1	The denied group name
${del_group_len}	The count of delete groups
${del_group#} '#':0~ del_group_len-1	The deleted group name
${ad_group_len}	The count of added groups
${ad_group#} '#':0~ ad_group_len-1	The added group name

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=mjvjfdck&func=set_acl_control&sharename=/share/Multimedia&root=1&update_modified=1&update_all=0&recursive=1&stickybit=0&admin_only=0&owner=admin&rd_user_len=0&rw_user_len=0&admin_rw_user_len=4&admin_rw

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_user0=admin&admin_rw_user1=testuser1&
admin_rw_user2=test&admin_rw_user3=test2&no_user_len=0&empty_user_len=1&empty_user
0=guest&del_user_len=0&ad_user_len=0&
rd_group_len=0&rw_group_len=0&admin_rw_group_len=0&no_group_len=0&empty_group_len=
0&del_group_len=0&ad_group_len=0

Return value:

Success:

{ "version": "5.0.0", "build": "20151225", "status": 1, "success": "true" }

Get ACL User/Group List

Description:

List local or domain users/group for ACL setting

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_acl_user_group_list_out&
share_name=${share_name}&filter=${filter}&type=${type}&group_len={group_len}&group0={grou
p}&grouppriv0=${grouppriv}&user_len=${user_len}&user0=${user}

Variable	Description
${share_name}	share folder name
${filter}	The filter user name
${type}	0: local user 1: domain user
${group_len}	The count of group
${group#}	The group name

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'#':0~group_len-1	
${grouppriv#} '#':0~group_len-1	1: The group# is privilege.
${user_len}	The count of user
${user#} '#':0~user_len-1	User name

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_acl_user_group_list_out&share_name=/share/Multimedia&filter=test&type=0&group_len=1&group0=everyone&grouppriv0=1&user_len=5&user0=guest&user1=admin&user2=testuser1&user3=test&user4=test2

Return value:

Success:

{ "ADSSupport": 1, "domSecurityForm": 2, "trustedDomainEnable": 0, "trustedDomainCnt": 0, "isLDAPEnable": 1, "user_group_total": 1, "datas": [{ "name": "testuser2", "groupList": "everyone", "preview": "R" }] }

Set Owner of ACL

Description:

Setting the folder/file owner of ACL then apply

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=share_access_control&sharename=${sharename}&guestselect=${guestselect}&rd_user_len=${rd_user_len}&rw_user_len=${rw_user_len}&admin_rw_user_len=${admin_rw_user_len}&admin_rw_user0=${admin_rw_user}&no_user_len=${no_user_len}&empty_user_len=${empty_user_len}&empty_user0=${empty_user0}&del_user_len=${del_user_len}&ad_user_len=${ad_user_len}&rd_group_len=${rd_group_len}&rw_group_len=${rw_group_len}&

admin_rw_group_len=${admin_rw_group_len}&no_group_len=${no_group_len}&empty_group_l
en=${empty_group_len}&del_group_len=${del_group_len}&
ad_group_len=${ad_group_len}&action=share_access_control

${sharename}	share folder name
${guestselect}	The access right of guest. R: Read Only. W: Full Access. I: Deny Access
${rd_user_len}	The count of domain user that can read only
${rd_user#} '#':0~ rd_user_len-1	The domain user name that can read only
${rw_user_len}	The count of domain users that can read write
${rw_user#} '#':0~ rw_user_len-1	The domain user name that can read write
${admin_rw_user_len}	The count of local user that can read write
${admin_re_user#} '#':0~admin_rw_user_len-1	The local user name that can read write
${no_user_len}	The count of domain users that were deny to access
${no_user#}	The domain user name that were deny to access

'#':0~ no_user_len-1	
${empty_user_len}	1: The access right of guest is deny
${empty_user#} '#':0~ empty_user_len-1	When deny guest to access, this value will be set guest
${del_user_len}	The count of delete users
${del_user #} '#':0~ del_user_len-1	The user name that were deleted
${ad_user_len}	The count of add users
${ad_user#} '#':0~ ad_user_len-1	The user name that were added
${rd_group_len}	The count of local/domain group that can read only
${rd_group#} '#':0~ rd_group_len-1	The local/domain group name that can read only
${rw_group_len}	The count of local/domain group that can read write
${rw_group#}	The local/domain group name that can read write

'#':0~ rw_group_len-1	
${admin_rw_group_len}	The count of local/domain group that can read write
${admin_rw_group#} '#':0~ admin_rw_group-1	The local/domain group name that can read write
${no_group_len}	The count local group is deny
${no_group#} '#':0~ no_group_len-1	The denied local group name
${empty_group_len}	1: The access right of domain group is deny
${empty_group#} '#':0~ empty_group_len-1	The denied group name
${del_group_len}	The count of delete groups
${del_group#} '#':0~ del_group_len-1	The deleted group name
${ad_group_len}	The count of added groups
${ad_group#}	The added group name

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'#':0~ ad_group_len-1	
${action}	share_access_control

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_acl_user_group_list_out&sharename=Multimedia&guestselect=I&rd_user_len=0&rw_user_len=0&admin_rw_user_len=4&admin_rw_user0=admin&admin_rw_user1=testuser1&admin_rw_user2=test&admin_rw_user3=test2&no_user_len=0&empty_user_len=0&empty_user0=guest&del_user_len=0&ad_user_len=0&rd_group_len=0&rw_group_len=0&admin_rw_group_len=0&no_group_len=0&empty_group_len=0&del_group_len=0&ad_group_len=0&action=share_access_control

Return value:

Success:

{ "version": "5.0.0", "build": "20151225", "status": 1, "success": "true" }

Mount ISO

Mount ISO

Description:

Mount ISO

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=mount_iso&path=${path}&file_name=${file_name}&custom_name=${custom_name}

Variable	Description
${path}	The source path of ISO file
${file_name}	ISO file name

${file_name}	Folder/file name.
${custom_name}	The share folder name

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=mount_iso&path=/Public&file_name=ubuntu-14.04.3-desktop-amd64.iso&custom_name=ubuntu-14.04.3-desktop-amd64

Return value:

Success:

{ "version": "5.0.0", "build": "20151225", "status": 1, "success": "true" }

Unmount ISO

Description:

Unmount ISO

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=unmount_iso&share=${share}

Variable	Description
${share}	The share folder name

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=unmount_iso&share=/ubuntu-14.04.3-desktop-amd64

Return value:

Success:

{ "version": "5.0.0", "build": "20151225", "status": 1, "success": "true" }

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Delete

Description:

Delete folder/file(s).

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=delete&sid=${sid}&path=${path}&file_total=${file_total}&file_name=${file_name}&v=1&force=${force}

Variable	Description
${path}	Folder path.
${file_total}	Total number of folder/file(s).
${file_name}	Folder/file name.
${v}	verbose for the advanced respone. (**for v4.2 or later**)
${force}	Force delete function. This option will not active Recycle bin. (**for v4.2 or later**)

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=delete&sid=xxxx&path=/Public&file_total=2&file_name=folder_name&file_name=file_name

Return value:

Success:

{ "status": 1, "success": "true" }

Fail:

Permission deny

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{ "status": 4, "success": "true" }

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=delete&sid=xxxx&path=/Public&file_total=2&file_name=folder_name&file_name=file_name&v=1&force=1

Return value:

Success:

{ "status": 1, "pid": "3046" }

Get Delete status

Description:

Get delete status.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_delete_status&sid=${sid}&pid=${pid}

Variable	Description
${pid}	Pid of the delete process

Example:

Get the delete process which the pid is 20888.

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_delete_status&sid=${sid}&pid=20888

Return value:

Success:

{ "status": 1, "the_num": "0", "filename": "123.zip", "filesize": "0", "files": "0", "percent": 100, "copying": 2 }

File Status

File Status

Description:

Get status of folder(s)/file(s).

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=stat&sid=${sid}&path=${path}&file_total=${file_total}&file_name=${file_name}&get_privilege=${get_privilege}&check_upload=${check_upload}&media=${media}

Variable	Description
${path}	Folder path.
${file_total}	Total number of folder/file(s).
${file_name}	Folder/file name.
${media}	Get media information *1*: get media information.(for v4.3.4 or later) *2*: get mp4 projection type.(for v4.3.4 or later) *3*: 1+2
${get_privilege}	Get file privilege only *0*: Do not get file privilege. otherwise: get file privilege.
${check_upload}	It is always true. Get file privilege only If ${get_privilege} is true and ${check_upload} then get path privilege in the response "privilege_ex".

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=stat&sid=xxxx&path=/Public&file_total=2&file_name=folder_name&file_name=file_name

Return value:

Success:

{ "total": 1, "acl": 1, "is_acl_enable": 0, "is_winacl_support": 1, "is_winacl_enable": 1, "datas": [{ "filename": "sample008.jpg", "isfolder": 0, "filesize": "51445", "group": "everyone", "owner": "httpdusr", "iscommpressed": 0, "privilege": "776", "filetype": 0, "mt": "2012\/05\/10 14:43:30", "epochmt": 1336632210 }] }

Example:media=1

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=stat&sid=xxxx&path=/Multimedia/360&media=1&file_name=Insta360.mp4&file_total=1

Return value:

{ "medialib": 1, "total": 1, "real_total": 1, "acl": 1, "is_acl_enable": 1, "is_winacl_support": 1, "is_winacl_enable": 0, "rtt_support": 1, "datas": [{ "filename": "Insta360.mp4", "isfolder": 0, "filesize": "36721700", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "777", "privilege_ex": 0, "filetype": 2, "mt": "2017\/05\/04 13:19:00", "epochmt": 1493875140, "exist": 1, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "trans": 0, "play": 0, "subtitle": 0, "randno": "85851493875140", "width": 2880, "height": 1440, "duration": 13, "bitrate": 21788, "vcodec": "h264", "acodec": "aac", "rotate": 0, "connect_status": -1, "thumb_folder": 0, "sticky_bit": 0, "encrypt_folder": 0, "projection_type": 0 }] }

Example: *media=2*

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=stat&sid=xxxx&path=/Multimedia/360&media=2&file_name=Insta360.mp4&file_total=1

Return value:

{ "medialib": 1, "total": 1, "real_total": 1, "acl": 1, "is_acl_enable": 1, "is_winacl_support": 1, "is_winacl_enable": 0, "rtt_support": 1, "datas": [{ "filename": "Insta360.mp4", "isfolder": 0, "filesize": "36721700", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "777", "privilege_ex": 0, "filetype": 2, "mt": "2017\/05\/04 13:19:00", "epochmt": 1493875140, "exist": 1, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "trans": 0, "play": 0, "subtitle": 0, "randno": "85851493875140", "connect_status": -1, "thumb_folder": 0, "sticky_bit": 0, "encrypt_folder": 0, "projection_type": 1 }] }

Example:media=3

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=stat&sid=xxxx&path=/Multimedia/360&media=3&file_name=Insta360.mp4&file_total=1

Return value:

{ "medialib": 1, "total": 1, "real_total": 1, "acl": 1, "is_acl_enable": 1, "is_winacl_support": 1, "is_winacl_enable": 0, "rtt_support": 1, "datas": [{ "filename": "Insta360.mp4", "isfolder": 0, "filesize": "36721700", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "777", "privilege_ex": 0, "filetype": 2, "mt": "2017\/05\/04 13:19:00", "epochmt": 1493875140, "exist": 1, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "trans": 0, "play": 0, "subtitle": 0, "randno": "85851493875140", "width": 2880, "height": 1440, "duration": 13, "bitrate": 21788, "vcodec": "h264", "acodec": "aac", "rotate": 0, "connect_status": -1, "thumb_folder": 0, "sticky_bit": 0, "encrypt_folder": 0, "projection_type": 1 }] }

Fail:

Permission deny

{ "status": 4, "success": "true" }

Example:get path privilege

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=stat&sid=xxxx&path=/Multimedia/360&file_name=500.mp4&file_total=1&get_privilege=1&check_upload=1

Return value:

{ "medialib": 1, "total": 1, "real_total": 1, "acl": 1, "is_acl_enable": 1, "is_winacl_support": 1, "is_winacl_enable": 0, "rtt_support": 1, "datas": [{ "filename": "500.mp4", "isfolder": 0, "filesize": "36721700", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "770", "privilege_ex": 2, "filetype": 2, "mt": "2017\/06\/08 10:14:17", "epochmt": 1496888057, "exist": 1, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "trans": 0, "play": 0, "subtitle": 0, "randno": "85851496888057", "connect_status": -1, "thumb_folder": 0, "sticky_bit": 0, "encrypt_folder": 0, "projection_type": 0 }] }

Example:get file privilege

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=stat&sid=xxxx&path=/Multimedia/360/500.mp4&file_name=500.mp4&file_total=1&get_privilege=1&check_upload=1

Return value:

{ "medialib": 1, "total": 1, "real_total": 1, "acl": 1, "is_acl_enable": 1, "is_winacl_support": 1, "is_winacl_enable": 0, "rtt_support": 1, "datas": [{ "filename": "500.mp4", "isfolder": 0, "filesize": "0", "group": "", "owner": "", "iscommpressed": 0, "privilege": "", "privilege_ex": 2, "filetype": 2, "mt": "", "epochmt": 0, "exist": 0, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "trans": 0, "play": 0, "subtitle": 0, "randno": "00", "connect_status": -1, "thumb_folder": 0, "sticky_bit": 0, "encrypt_folder": 0, "projection_type": 0 }] }

Response field:

Field	Description

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privilege_ex	file permission. *2*: read write, *1*: read only, *0*: deny

Set Modification Time

Description:

Set folder(s)/file(s) modification time.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=stat&sid=${sid}&settime=${settime}&mtime=${timestamp}&path=${path}&file_total=${file_total}&file_name=${file_name}

Variable	Description
${path}	Folder path.
${file_total}	Total number of folder/file(s).
${file_name}	Folder/file name.
${settime}	*1*: set modifition time
${timestamp}	Epoch time (seconds since 1970-01-01 00:00:00 UTC) The modifition time will be set current datetime on the server if not specified.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=stat&sid=xxxx&settime=0&mtime=1336632200&path=/Public&file_total=2&file_name=folder_name&file_name=file_name

Return value:

Success:

{ "total": 1, "acl": 1, "is_acl_enable": 0, "is_winacl_support": 1, "is_winacl_enable": 1, "datas": [{ "filename": "sample008.jpg", "isfolder": 0, "filesize": "51445", "group": "everyone", "owner": "httpdusr", "iscommpressed": 0, "privilege": "776", "filetype": 0, "mt": "2012\/05\/10 14:43:20", "epochmt": 1336632200 }] }

Fail:

Permission deny

{ "status": 4, "success": "true" }

Get Media File More Infomations

Description:

Get media file more informations.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=stat&sid=${sid}&path=${path}&file_total=${file_total}&file_name=${file_name}&media=${media}

Variable	Description
${path}	Folder path.
${file_total}	Total number of folder/file(s).
${file_name}	Folder/file name.
${media}	Get media more infomations. (If it has founded the subtille then subtitle will be equal 1.)

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=stat&sid=xxxx&path=/Movie&file_total=1&media=1&file_name=frozen.2013.1080p.bluray.x264-sparks.mkv

Return value:

Success:

{ "medialib": 1, "total": 1, "acl": 1, "is_acl_enable": 0, "is_winacl_support": 1, "is_winacl_enable": 0, "rtt_support": 1,

"datas": [

{ "filename": "frozen.2013.1080p.bluray.x264-sparks.mkv",

"isfolder": 0,

"filesize": "5836676249",

"group": "administrators",

"owner": "admin",

"iscommpressed": 0,

"privilege": "666",

"filetype": 0,

"mt": "2014\/12\/19 10:18:42",

"epochmt": 1418955522,

"qbox_type": 0,

"qbox_share_id_status": 0,

"qbox_share_id": "",

"versioning_support": 0,

"exist": 1,

"mp4_240": 0,

"mp4_360": 0,

"mp4_720": 0,

"mp4_480": 0,

"mp4_1080": 0,

"trans": 0,

"play": 0,

"subtitle": 1,

"width": 1920,

"height": 856,

"duration": 6132,

"bitrate": 7613,

"vcodec": "h264",

"acodec": "dts",

"rotate": 0 }] }

Fail:

Permission deny

{ "status": 4, "success": "true" }

Get property

Description:

Get property and privilege of folder(s).

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_root_share&sid=${sid}&path=${path}&is_iso=${is_iso}&verbose=${verbose}

Variable	Description
${path}	Folder path.
${is_iso}	Is an iso share: 0
${verbose}	verbose :1

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_root_share&sid=${sid}&path=/Public&is_iso=0&verbose=1

Return value:

Success:

{ "medialib": 1, "total": 1, "real_total": 1, "acl": 2, "is_acl_enable": 0, "is_winacl_support": 1, "is_winacl_enable": 0, "rtt_support": 1, "medialib_enable": 1, "datas": [{ "filename": "Public", "isfolder": 1, "filesize": "20480", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "777", "privilege_ex": 0, "filetype": 0, "mt": "2015\/12\/24 08:41:25", "epochmt": 1450917685, "qbox_type": 0, "qbox_share_id_status": 0, "qbox_share_id": "", "versioning_support": 0, "exist": 1, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "trans": 0, "play": 0, "subtitle": 0, "randno": 0, "music": 1, "video": 1, "photo": 1, "trans_240": 0, "trans_360": 0, "trans_720": 0, "trans_480": 0, "trans_1080": 0, "thumb_folder": 0, "sticky_bit": 0 }] }

Set Privilege

Description:

Set folder(s)/file(s) privilege.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgifunc=set_privilege&sid=${sid}&recursive=${recursive}&bOwn_r=${bOwn_r}&bOwn_w=${bOwn_w}&
bOwn_x=${bOwn_x}&bGroup_r=${bGroup_r}&bGroup_w=${bGroup_w}&bGroup_x=${bGroup_x}&bOther_r=${bOther_r}&bOther_w=${bOther_w}&
bOther_x=${bOther_x}&source_file=${source_file}&
source_total=${source_total}&source_path=${source_path}

Variable	Description
${recursive}	Set privilege recursive or not. 1:recursive 0:not recursive
${bOwn_r}	Set read privilege of owner. 1:yes 0:no
${bOwn_w}	Set write privilege of owner. 1:yes 0:no
${bOwn_x}	Set execute privilege of owner. 1:yes 0:no
${bGroup_r}	Set read privilege of group. 1:yes 0:no
${bGroup_w}	Set write privilege of group. 1:yes 0:no
${bGroup_x}	Set execute privilege of group. 1:yes 0:no
${bOther_r}	Set read privilege of other user. 1:yes 0:no

${bOther_w}	Set write privilege of other user. 1:yes 0:no
${bOther_x}	Set execute privilege of other user. 1:yes 0:no
${source_file}	File name.
${source_file}	Total number of files.
${source_path}	Path of the file. Start with the share name.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=set_privilege&
sid=${sid}&recursive=0&bOwn_r=1&bOwn_w=1&bOwn_x=1&bGroup_r=1&bGroup_w=1&bGroup_x=1&bOther_r=1&bOther_w=1&bOther_x=1&
source_file=admin&source_total=1&source_path=/Download

Return value:

Success:

{ "status": 1, "success": "true" }

Set Delete Permanently (for 4.2.1 or later)

Description:

Set folder(s)/file(s) delete permanently option.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=set_delete_permanently&sid=${sid}&delete_permanently_admins_only=${delete_permanently_admins_only}

Variable	Description

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${delete_permanently_admins_only}	Delete permanently for administrators group only. 1: TRUE. 0: Otherwise.(defalut value)

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=set_delete_permanently&delete_permanently_admins_only=1&sid=7v7km3zr

Return value:

Success:

{ "version": "4.2.1", "build": "20150914", "status": 1, "success": "true" }

Fail:

Permission deny

{ "status": 4, "success": "true" }

File Checksum (for QTS 4.3 and later)

File Checksum (for QTS 4.3 and later)

Description:

Get status and checksum of file(s). For remote folder file checksum.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=checksum&sid=${sid}&path=${path}&file_total=${file_total}&file_name=${file_name}

Variable	Description
${path}	Folder path.
${file_total}	Total number of file(s).
${file_name}	File name.

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Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=stat&sid=xxxx&path=/Public&file_total=2&file_name=folder_name&file_name=Wildlife.wmv

Return value:

Success:

{ "total": 1, "path": "\/Public", "datas": [{ "filename": "Wildlife.wmv", "checksum": "d8c2eafd90c266e19ab9dcacc479f8af", "filesize": "26246026", "filetype": 2, "exist": 1, "mt": 1247549551, "group": "administrators", "owner": "admin", "privilege": "666", "privilege_ex": 2 }] }

Advanced File Search

Advanced File Search

Description:

Advanced File Search.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?&sid=${sid}&func=search_ext&folders=${folders}&folderCount=${folderCount}&keyword=${keyword}&searchType=${searchType}&extensionName=${extensionName}&fileSizeType=${fileSizeType}&fileSize=${fileSize}&ownerType=${ownerType}&owner=${owner}&dateType=${dateType}&date=${date}&date2=${date2}&dateField=${dateField}&hidden_file=${hidden_file}&v=${v}&start=${start}&limit=${limit}&sort=${sort}&dir=${dir}

Variable	Description
${folders}	Search folder name
${folderCount}	Search folder counter
${keyword}	Search keyword

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${searchType}	Search type : *0*: NONE, *1*: extension name, *2*: file, *3*: folder, *4*: MUSIC, *5*: VIDEO, *6*: PHOTO
${extensionName}	extension name when ${searchType}=1
${fileSizeType}	Search file size type : *0*: NONE, *1*: equal, *2*: great, *3*: less,
${fileSize}	file size when ${fileSize}>1
${ownerType}	Owner type : *0*: NONE, *1*: owner, *2*: group,
${owner}	file size when ${owner}>1

${dateType}	Date Type : *0*: NONE, *1*: equal, *2*: great, *3*: less, *4*: dete period
${date}	yyyy/mm/dd
${date2}	date period time to(yyyy/mm/dd) when ${dateType}=4
${dateField}	*0:* modified date , *1:* create date
${hidden_file}	*0*: hidden, *1*: display hidden file
${v}	v=1:donot show the absolutely file path(it will use for default) v=2:search for v2 version(client will get the process id and get the results using this id) (v2 version has the limit of result 10000)(for v4.3.4 or later)
${start}	Response data start index
${limit}	limit number per page
${sort}	Sort field (filename/filesize/filetype/mt/privilege/owner/group)
${dir}	*ASC / DESC*

Example:

Search video:

Return values:

{ "status": 1, "success": "true", "search_limit": 1000, "total": 45, "acl": 7, "is_acl_enable": 1, "is_winacl_support": 1, "is_winacl_enable": 0, "datas": [

{ "filename": "\/testAA\/04_360P.mp4", "isfolder": 0, "filesize": "10590773", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "750", "filetype": 0, "mt": "2013\/12\/10 17:15:02" },

{ "filename": "\/testAA\/05_360P.mp4", "isfolder": 0, "filesize": "33312351", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "750", "filetype": 0, "mt": "2013\/12\/10 17:15:06" },

{ "filename": "\/testAA\/@Recycle\/@Transcode\/aa1.mp4.mobile240p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "26648160", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "666", "filetype": 0, "mt": "2014\/04\/08 19:10:21" },

{ "filename": "\/testAA\/@Recycle\/@Transcode\/aa1.mp4.mobile360p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "676", "filetype": 0, "mt": "2014\/04\/08 19:10:21" },

{ "filename": "\/testAA\/@Recycle\/tmp + tmp(1)\/@Transcode\/aa1.mp4.mobile360p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "676", "filetype": 0, "mt": "2014\/04\/08 19:10:21" },

{ "filename": "\/testAA\/@Recycle\/tmp + tmp(1)\/@Transcode\/aa1.mp4.mobile480p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "676", "filetype": 0, "mt": "2014\/04\/08 19:10:21" },

{ "filename": "\/testAA\/@Recycle\/tmp + tmp(1)\/@Transcode\/aa2-1.mp4.mobile360p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "676", "filetype": 0, "mt": "2014\/04\/08 19:10:21" },

{ "filename": "\/testAA\/@Recycle\/tmp + tmp(1)\/@Transcode\/aa2-1.mp4.mobile480p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "676", "filetype": 0, "mt": "2014\/04\/08 19:10:21" },

{ "filename": "\/testAA\/@Recycle\/tmp + tmp(1)\/tmp + 1\/@Transcode\/aa2-2.mp4.mobile360p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize":

"35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "676", "filetype": 0, "mt": "2014\/05\/29 15:48:55" },

{ "filename": "\/testAA\/@Recycle\/tmp + tmp(1)\/tmp + 1\/@Transcode\/aa2-2.mp4.mobile480p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "676", "filetype": 0, "mt": "2014\/05\/29 15:48:55" },

{ "filename": "\/testAA\/@Recycle\/tmp + tmp(1)\/tmp + 1\/@Transcode\/aa2.mp4.mobile360p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "676", "filetype": 0, "mt": "2014\/05\/29 15:48:55" },

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{ "filename": "\/testAA\/@Recycle\/tmp + tmp(1)\/tmp + 1\/tmp + 2\/@Transcode\/aa2-3.mp4.mobile360p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "676", "filetype": 0, "mt": "2014\/05\/30 10:37:40" },

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{ "filename": "\/testAA\/@Recycle\/tmp + tmp(1)\/tmp + 1\/tmp + 2\/@Transcode\/aa3.mp4.mobile360p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "676", "filetype": 0, "mt": "2014\/05\/30 10:37:40" },

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{ "filename": "\/testAA\/@Recycle\/tmp + tmp\/@Transcode\/aa1-1.mp4.mobile480p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "676", "filetype": 0, "mt": "2014\/04\/08 19:10:21" },

{ "filename": "\/testAA\/@Recycle\/tmp + tmp\/@Transcode\/aa1.mp4.mobile360p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "676", "filetype": 0, "mt": "2014\/04\/08 19:10:21" },

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{ "filename": "\/testAA\/@Recycle\/tmp + tmp\/tmp +
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{ "filename": "\/testAA\/@Recycle\/tmp + tmp\/tmp + 1\/tmp +
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19:10:21" },

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{ "filename": "\/testAA\/tmp + tmp(1)\/tmp + 1\/tmp + 2\/@Transcode\/aa2-3.mp4.mobile360p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "666", "filetype": 0, "mt": "2014\/05\/30 10:37:40" },

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{ "filename": "\/testAA\/tmp + tmp\/aa1-1.mp4", "isfolder": 0, "filesize": "37290425", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "777", "filetype": 0, "mt": "2014\/04\/08 19:10:21" },

{ "filename": "\/testAA\/tmp + tmp\/tmp + 1\/@Transcode\/aa1-2.mp4.mobile360p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "666", "filetype": 0, "mt": "2014\/05\/29 15:48:55" },

{ "filename": "\/testAA\/tmp + tmp\/tmp + 1\/aa1-2.mp4", "isfolder": 0, "filesize": "37290425", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "770", "filetype": 0, "mt": "2014\/05\/29 15:48:55" },

{ "filename": "\/testAA\/tmp + tmp\/tmp + 1\/tmp + 2\/@Transcode\/aa1-3.mp4.mobile360p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "676", "filetype": 0, "mt": "2014\/05\/30 10:37:40" },

{ "filename": "\/testAA\/tmp + tmp\/tmp + 1\/tmp + 2\/aa1-3.mp4", "isfolder": 0, "filesize": "37290425", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "770", "filetype": 0, "mt": "2014\/05\/30 10:37:40" },

{ "filename": "\/testAA\/tmp1\/@Transcode\/aa1-1.mp4.mobile360p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "666", "filetype": 0, "mt": "2014\/04\/08 19:10:21" },

{ "filename": "\/testAA\/tmp1\/@Transcode\/aa1-1.mp4.mobile480p_H264_@_AAC_@.MPEG4.MP4", "isfolder": 0, "filesize": "35770784", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "666", "filetype": 0, "mt": "2014\/04\/08 19:10:21" },

{ "filename": "\/testAA\/tmp1\/aa1-1.mp4", "isfolder": 0, "filesize": "37290425", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "777", "filetype": 0, "mt": "2014\/04\/08 19:10:21" }

] }

Search by keyword:

http://172.17.20.110:8080/cgi-bin/filemanager/utilRequest.cgi?&func=search_ext&sid=meey1wa8&v=1&keyword=jpg&searchType=0&extensionName=&fileSize=0&fileSizeType=0&owner=0&ownerType=0&dateType=0&date=&dateField=0&sort=filename&start=0&limit=50&folderCount=1&dir=ASC&folders=/testAA

Return Values:

{ "status": 1, "success": "true", "search_limit": 1000, "total": 2, "acl": 7, "is_acl_enable": 1, "is_winacl_support": 1, "is_winacl_enable": 0, "datas":

[

{ "filename": "\/testAA\/tmp + tmp(1)\/_sample003 + (1).jpg", "isfolder": 0, "filesize": "186897", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "777", "filetype": 0, "mt": "2014\/05\/29 15:45:45" },

{ "filename": "\/testAA\/tmp + tmp\/_sample003 + (1).jpg", "isfolder": 0, "filesize": "186897", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "777", "filetype": 0, "mt": "2014\/05\/29 15:45:45" }

]

}

Example:

http://172.17.20.110:8080/cgi-bin/filemanager/utilRequest.cgi?func=search_ext&v=2&sid=v3kv7tlo&&list_mode=all&noSupportACL=true&path=/testFolder/Bug_118677/test_files&is_iso=1&access=7&limit=50&media=2&recycle=0&hidden_file=0&keyword=ma&searchType=0&extensionName=&fileSize=0&fileSizeType=0&owner=0&ownerType=0&dateType=0&date=&dateField=0&sort=filename&start=0&folderCount=1&dir=ASC&folders=/testFolder/Bug_118677/test_files

Return values:

{ "status": 1, "pid": 4757 }

Get Advanced Search File Result for V2 (for v4.3.4 or later)

Description:

Get advanced file Search result.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?&sid=${sid}&func=search_ext_result&pid=${pid}&start=${start}&limit=${limit}

Variable	Description
${pid}	Get search result for pid
${start}	Start number
${limit}	Max search result.(The max search result is 10000)

Example:

http://172.17.20.93:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_search_result&sid=v3kv7tlo&pid=4757&start=0&limit=10000

Return Values:

{ "medialib": 1, "success": "true", "search_limit": 10000, "search_status": 1, "status": 1, "total": 2, "acl": -1, "is_acl_enable": 0, "is_winacl_support": 1, "is_winacl_enable": 0, "datas": [{ "filename": "\/Multimedia\/Samples\/Sample Music 1.mp3", "isfolder": 0, "filesize": "1193775", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "644", "filetype": 0, "mt": "2018\/01\/10 13:54:09", "epochmt": 1515563649, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "trans": 0, "play": 0, "projection_type": 0 }, { "filename": "\/Multimedia\/Samples\/Sample Music 2.mp3", "isfolder": 0, "filesize": "859238", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "644", "filetype": 0, "mt": "2018\/01\/10 13:54:09", "epochmt": 1515563649, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "trans": 0, "play": 0, "projection_type": 0 }] }

Response field:

Field	Description
search_status	*0* : normal(searching). *1* : page end(search completely). *2* : time out. *4* : max line.

Cancel Advanced Search File for V2 (for v4.3.4 or later)

Description:

Cancel advanced file Search.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?&sid=${sid}&func=search_stop&pid=${pid}

Variable	Description
${pid}	Search progress id

Example:

http://172.17.20.93:8080/cgi-bin/filemanager/utilRequest.cgi?func=search_stop&sid=v3kv7tlo&pid=4757

Return Values:

{ "version": "5.1", "build": "20180110", "status": 1, "success": "true" }

Get User/Group Name

Description:

Get user or group name for advanced search.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_all_list_out&type=${type}&filter=${filter}

Variable	Description
${type}	1: user name 2: group name

${folderCount}	Search folder counter
${filter}	The filter user/group name

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_all_list_out&type=1&filter=admin

Return values:

{ "status": 1, "count": 1, "list": [{ "name": "admin" }] }

Share Link

Create Share Link

Description:

Create multiple share files of share link .

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_share_link&sid=${sid}&c=${direct_create}&hostname=${hostname}&ssl=${ssl}&link_name=${link_name}&t={t}&acx=${acx}&ht=${ht}&access_code=${access_code}&expire_time=${expire_time}&path=${path}&file_total=${file_total}&file_name=${file_name}

Variable	Description
${path}	The share file path.
${file_total}	The total share file count number.
${hostname}	Host IP or domain name(default local host IP).

${option}	It is Optional to create share link option(default 1:download).
	1: download,
	3: allow upload
	It must be single folder for allow upload option.
${ssl}	SSL support(true/false, default false). ture: support ssl. others not.
${link_name}	Share link name.
${t}	It is optional for this parameter.
	It means support share cloud function or not. If ${t}=1 then ${acx} can be accessd.
	1:support others not
${ht}	It is Optional for specific host type.
	10: customize. It can customize host name.
	11: URL. Redefine the entire share link url for some special reason.
${access_code}	The share file link access code.
${acx}	The share cloud access code(If acx not null the ${access_code} not null).
${expire_time}	The expire time.(default 0 : forever) (the time since the Epoch (00:00:00 UTC, January 1, 1970), measured in seconds)

${file_name}	File name.
${direct_create}	1: create the share link directly; Otherwise, only return the ssid of share link. The ssid can be activated with Update Share Link later.

Return value:

{ "status": 1, "ssid": "0kAS6Fd", "host": "172.17.20.92", "protocol": "http", "link_name": "teat", "port": "8080", "multiple": 1, "option": 1, "expire_time": 0, "total": 3, "creator": "admin", "count": 0, "limit": 0, "misc": "00000001", "links": [{ "ssid": "0kAS6Fd", "filename": "\/Download\/teat", "link_url": "http:\/\/172.17.20.92:8080\/share.cgi?ssid=0kAS6Fd&fid=0kAS6Fd" }, { "fid": "1gvY5rf", "filename": "\/Download\/11.txt", "link_url": "http:\/\/172.17.20.92:8080\/share.cgi?ssid=0kAS6Fd&fid=1gvY5rf" }, { "fid": "2YaQrEh", "filename": "\/Download\/captcha.php", "link_url": "http:\/\/172.17.20.92:8080\/share.cgi?ssid=0kAS6Fd&fid=2YaQrEh" }] }

Return value: {

```
"max_share_file": 2048,
 "total": 5,
 "datas": [
   {
     "ssid": "094dG7b",
     "filename": "\/Download\/AAAA",
     "isfolder": 1,
     "filesize": "4096",
     "filetype": 0,
     "multiple": 0,
     "download_link":
"http:\/\/172.17.20.92:8080\/share.cgi?ssid=094dG7b",
     "start_time": 1426923034,
```

```
        "expire_time": 0,

        "addressee": "none@none",

        "creator": "admin",

        "qsync": 0,

        "access_code": "----",

        "download_count": 0,

        "download_limit": 0,

        "option": 1,

        "misc": "00000001",

        "title": "FILE STATION",

        "description": "Hello! I have shared a image to you. Enjoy!",

        "type": 0,

        "link_name": "\/Download\/AAAA",

        "ht": 4,

        "all_available": 0

    },

    {

        "ssid": "0Ga5NR7",

        "filename": "\/Download\/11. 一個人的旅行，探索台灣之美～南投
_360P.mp4",

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        "title": "FILE STATION",

        "description": "Hello! I have shared a image to you. Enjoy!",
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SUBJECT TO CHANGE WITHOUT NOTICE

```
    "type": 0,

    "link_name": "\/Download\/11.  一個人的旅行，探索台灣之美～南投
_360P.mp4",

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    "mp4_240": 0,

    "mp4_360": 1,

    "mp4_720": 0,

    "mp4_480": 0,

    "mp4_1080": 0
},
{

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    "filename": "\/Usb\/B.doc",

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    "filetype": 0,

    "multiple": 0,

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    "expire_time": 0,

    "addressee": "none@none",

    "creator": "admin",

    "qsync": 0,

    "access_code": "----",

    "download_count": 0,

    "download_limit": 0,

    "option": 1,

    "misc": "00000001",

    "title": "FILE STATION",

    "description": "Hello! I have shared a image to you. Enjoy!",

    "type": 0,

    "link_name": "\/Usb\/B.doc",

    "ht": 4,

    "all_available": 0
},
{
```

SUBJECT TO CHANGE WITHOUT NOTICE

      "ssid": "0QRppkD",

      "filename": "\/Download\/ZZ.mp4",

      "isfolder": 0,

      "filesize": "10226754",

      "filetype": 0,

      "multiple": 0,

      "download_link":
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      "start_time": 1426927087,

      "expire_time": 0,

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      "creator": "admin",

      "qsync": 0,

      "access_code": "----",

      "download_count": 0,

      "download_limit": 0,

      "option": 1,

      "misc": "00000001",

      "title": "FILE STATION",

      "description": "Hello! I have shared a image to you. Enjoy!",

      "type": 0,

      "link_name": "\/Download\/ZZ.mp4",

      "ht": 4,

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      "mp4_240": 0,

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      "mp4_720": 0,

      "mp4_480": 0,

      "mp4_1080": 0
    },
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      "filename": "\/Download\/1K1000",

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      "filesize": "4096",

      "filetype": 0,

      "multiple": 0,

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        "creator": "admin",

        "qsync": 0,

        "access_code": "----",

        "download_count": 0,

        "download_limit": 0,

        "option": 1,

        "misc": "00000001",

        "title": "FILE STATION",

        "description": "Hello! I have shared a image to you. Enjoy!",

        "type": 0,

        "link_name": "\/Download\/1K1000",

        "ht": 4,

        "all_available": 0

    }

  ]


}
```

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_share_link&c=1&sid=egw
8uehm&file_total=2&hostname=http://www.abc.com.tw:9999/test.html&path=/Multimedia&file_na
me=sample001.jpg&file_name=sample002.jpg&access_code=1234&ht=11&t=1&acx=2222,3333

Return value:

{ "status": 1, "ssid": "0tdm7Ui", "host": "http:\/\/www.abc.com.tw:9999\/test.html", "protocol": "http",
"link_name": "sample001.jpg", "port": "8080", "multiple": 1, "option": 1, "expire_time": 0, "total": 2,
"creator": "admin", "count": 0, "limit": 0, "misc": "00000001", "links": [

{ "ssid": "0tdm7Ui", "filename": "\/Multimedia\/sample001.jpg", "link_url":
"http:\/\/www.abc.com.tw:9999\/test.html" },

{ "fid": "1ipKqNr", "filename": "\/Multimedia\/sample002.jpg", "link_url":
"http:\/\/www.abc.com.tw:9999\/test.html" }] }

Response Field :

Variable	Description
status	The share file path.
ssid	The created uniquie ID for share link.
fid	The created uniquie ID for multiple share link.
host	The created host IP.
protocol	*http / https* protocol
link_name	Show name for the share link.
port	port number
multiple	*1/0* If multiple equal 1 then it represent multiple share files/folders of the share link. Otherwise not.
option	*1 / 3* (default value 1 : download) 1:means download option. 3:means donwload and upload option(allow upload)

expire_time	expire time : *0* : forever (never expire) Otherwise : expire time(the time since the Epoch (00:00:00 UTC, January 1, 1970), measured in seconds)
total	Total link number in this share link.
creator	Creator(defaule is remote user).
count	RESERVED
limit	RESERVED
misc	RESERVED
links	link datas

Create Share Link by "host_type" and "port" function

Description:

Create share link by "host_type" and "port" .

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_share_link&sid=$%7bsid%7d&c=${direct_create}&hostname=$%7bhostname%7d&ssl=$%7bssl%7d&access_code=$%7baccess_code%7d&expire_time=$%7bexpire_time%7d&path=$%7bpath%7d&file_total=$%7bfile_total%7d&file_name=$%7bfile_name%7d&host_type=$%7bhost_type%7d&port=$%7bport%7d

Variable	Description
${path}	The share file path.
${file_total}	The total share file count number.
${hostname}	Host IP or domain name(default local host IP).
${host_type}	host type. (1 | 2 | 3 | 4 ....)(see "Get Host Type List")
${port}	port number.
${option}	It is Optional to create share link option(default 1:download). *1*: download, *3*: allow upload It must be single folder for allow upload option.
${ssl}	SSL support(true/false, default false). ture: support ssl. others not.
${link_name}	Share link name.
${access_code}	The share file link access code.
${expire_time}	The expire time.(default 0 : forever) (the time since the Epoch (00:00:00 UTC, January 1, 1970), measured in seconds)

${file_name}	File name.
${direct_create}	*1*: create the share link directly; Otherwise, only return the ssid of share link. The ssid can be activated with Update Share Link later.

Example:

http://172.17.20.72:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_share_link&sid=f0a37def6b3b413799c8b2bb666bd82d&x_option=0&option=1&ssl=false&valid_duration=period_of_time&day=7&hour=0&access_code=&access_enabled=false&link_name=te&host_type=local_ipv6_1&port=8080&hostname=fe80%3A%3A208%3A9bff%3Afeee%3Acefe&c=1&download_type=create_download_link&network_type=internet&new_share=1&file_name=%2Ftest%2Fte&file_total=1

Return value:

{ "status": 1, "ssid": "348a8abdb34f4d52812524d34d233631", "host": "http:VVfe80::208:9bff:feee:cefe:8080Vshare.cgi?ssid=348a8abdb34f4d52812524d34d233631&fid=348a8abdb34f4d52812524d34d233631", "protocol": "http", "link_name": "te", "port": "8080", "multiple": 0, "option": 1, "expire_time": 1618385731, "total": 1, "creator": "admin", "count": 0, "limit": 0, "misc": "00000001", "links": [{ "ssid": "348a8abdb34f4d52812524d34d233631", "filename": "VtestVte", "link_url": "http:VVfe80::208:9bff:feee:cefe:8080Vshare.cgi?ssid=348a8abdb34f4d52812524d34d233631&fid=348a8abdb34f4d52812524d34d233631" }] }

Update Share Link

Update Share Link

Description:

Update share link.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?&func=update_share_link&sid=${sid}&access_code=${access_code}&access_enabled=${access_enabled}&download_type=${download_type}&file_total=${file_total}&link_name=${link_name}&hostname=${hostname}&option=${option}&ssids=${ssids}&ssl=${ssl}&valid_duration=${valid_duration}&datetime=${datetime}&day=${day}&hour=${hour}

Variable	Description

${access_enabled}	*true / flase*
	true : access code enable
	otherwise *false*
${access_code}	access code.
${download_type}	*create_download_link / email_download_link*
	create_download_link : It is for normal create.
	emaiil_download_link : It is for email link URL
${ht}	It is Optional for specific host type.
	10: customize. It can customize host name.
	11: URL. Redefine the entire share link url for some special reason.
${hostname}	Host IP or domain name.
${link_name}	Link name.
${option}	Create share link option(default *1* : download)
	1 : download,
	2 : upload, (reserved)
	3 : upload and download(allow upload).
${file_total}	The total share link count number.

${ssids}	The serial ssids(It is depended on ${file_total}).
${ssl}	*true / false* : (default : *false*) *ture* : support ssl otherwise *false*
${access_code}	The share link accss code.
${expire_time}	The expire time.(default 0 : forever) (the time since the Epoch (00:00:00 UTC, January 1, 1970), measured in seconds)
${valid_duration}	*specific_time / period_of_time / forever* If expire_time parameter is used then parameter valid_duration will be ignored.
${datetime}	If ${valud_duration}=*specifie_time*, format : yyyy/mm/dd HH:MM:SS or yyyymmdd HH:MM:SS
${day}	If ${valud_duration}=*period_of_time* format : DD
${hour}	If ${valud_duration}=*period_of_time* format : HH

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?&func=update_share_link&access_code=12345678&access_enabled=true&datetime=2013%2F10%2F31%2023%3A59&download_

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type=create_download_link&file_total=1&hostname=114.34.59.214&link_name=link%20name&sid=me5tn7zc&ssids=0Wt61dn&ssl=true&valid_duration=specific_time

Return value:

{ "version": "4.1", "build": "20131219", "status": 1, "success": "true" }

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?func=update_share_link&sid=egw8uehm&file_total=1&ssids=0Gz1vvQ&ht=11&hostname=http://www.hosturl.com.tw:9999/share_cloud.html&link_name=share_cloud_update&access_enabled=true&access_code=123456&valid_duration=forever

Return value:

{ "version": "4.1", "build": "20131219", "status": 1, "success": "true" }

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?&func=update_share_link&access_code=12345678&access_enabled=true&day=07&download_type=create_download_link&file_total=1&hostname=114.34.59.214&hour=00&link_name=update%20link%20name&option=3&sid=me5tn7zc&ssids=0vf1xSb&ssl=true&valid_duration=period_of_time

Return value:

{ "version": "4.1", "build": "20131219", "status": 1, "success": "true" }

Update Share Link for Specific Host Type

Description:

Update share link for specific host type.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?&func=update_share_link&sid=${sid}&file_total=${file_total}&hostname=${hostname}&ssids=${ssids}

Variable	Description
${hostname}	Host IP or domain name.

${file_total}	The total share link count number.
${ht}	Host type. *10*: Customize *11*: URL
${ssids}	The serial ssids(It is depended on ${file_total}).

Example: (Customize)

http://172.17.20.86:8080/cgi-bin/filemanager/utilRequest.cgi?&func=update_share_link&file_total=2&hostname=www.qnap.com.tw:9999&ssids=0mvA2Cx&ssids=0pUoicY&sid=rdlk7x4o&ht=10

Return value:

      { "version": "4.1", "build": "20131206", "status": 1, "success": "true" }

Example: (URL)

http://172.17.20.86:8080/cgi-bin/filemanager/utilRequest.cgi?&func=update_share_link&file_total=2&hostname=http://www.qnap.com.tw:9999/share_cloud.php&ssids=0mvA2Cx&ssids=0pUoicY&sid=rdlk7x4o&ht=11

Return value:

      { "version": "4.1", "build": "20131206", "status": 1, "success": "true" }

Get Share Link Permission

Description:

See if allow all user to create shared links or not.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_AllowAllUserCreateShare&sid=${sid}

Return value:

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1.Not allow all user to create share link.

{ "status": 1, "result": "0" }

2.Allow all user to create share link.

{ "status": 1, "result": "1" }

Set Create Share Link Permission

Description:

Enable/Disable all users to create shared links.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=set_AllowAllUserCreateShare&allowAllUserCreate=${allowAllUserCreate}

Variable	Description
${allowAllUserCreate}	1: allow all user to create share link 0: not allow all user to create share link

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=set_AllowAllUserCreateShare&allowAllUserCreate=1

Return value:

Success:

{ "version": "5.0.0", "build": "20151224", "status": 1, "success": "true" }

Allow to use "Share to NAS user"

Description:

Only allow admin and administrators group to use "Share to NAS user"

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=set_share_nas_user&share_nas_user=${share_nas_user}

Variable	Description
${share_nas_user}	1: only allow admin and administrators group to use "Share to NAS user" 2:Allow other user and group to use "Share to NAS user"

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=set_share_nas_user&share_nas_user=1

Return value:

Success:

{ "version": "5.0.0", "build": "20151224", "status": 1, "success": "true" }

Get Personal Mail List

Description:

Get personal mail list

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_personal_mail_list

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_personal_mail_list

Return value:

Success:

{ "count": 1, "datas": [{ "id": 1, "sys_account": "admin", "priority": 1, "smtp_server": "smtp.gmail.com", "port": 465, "security": 1, "sender": "peienhsieh@qnap.com", "email_account": "" }] }

Send Mail

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Description:

Send the share link informations to someone.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?&func=share_file&sid=${sid}&download_type=
email_download_link&include_access_code=${include_access_code}&addressee=${addressee}
&content=${content}&mail_content_date=${mail_content_date}&mail_content_pwd=${mail_conte
nt_pwd}&file_total=${file_total}&ssids=${ssids}

Variable	Description
${download_type}	*create_download_link / email_download_link* *create_download_link* : It is for normal create. *emaiil_download_link* : It is for email link URL
${include_access_code}	*true* : include access code for mail content otherwise*false*
${addressee}	email address
${file_total}	The total share link count number.
${ssids}	The serial ssids(It is depended on ${file_total}).
${content}	email contents
${mail_content_date}	mail contents of date
${mail_content_pwd}	mail contents of password

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?func=share_file&addressee=peterlai%40qnap.com%2Csupm0667%40ms27.hinet.net&content=QNAP&download_type=email_download_link&file_total=3&include_access_code=ture&mail_content_date=mail_content_date&mail_content_pwd=password_12345678&sid=g64jvy2x&ssids=0M0QrDG&ssids=0vf1xSb&ssids=0Wyqb0A&subject=subject

Return value:

{ "status": 1, "success": "true" }

Mail to NAS User of Sharing

Description:

Send mail to NAS user who will get the share file/folder.

Command:

http://IP:8080/share.cgi?sid=${sid}&func=send_share_mail&subject=${subject}&content=${content}&addressee=${addressee}&mail_type=${mail_type} &sender_address=${sender_address}

Variable	Description
${subject}	The subject of mail
${content}	The content of mail
${addressee}	The address of specified NAS user
${file_total}	The total share link count number.
${mail_type}	Mail type: personal

${sender_address}	The address of file/folder owner

Example:

http://IP:8080/share.cgi?sid=r7wqao7b&func=send_share_mail&subject=subject&content=content&addressee=user@gmail.com&mail_type=personal &sender_address=sender@qnap.com

Return value:

{ "version": "5.0.0", "build": "20151224", "status": 1, "success": "true" }

Delete Share Link

Description:

Delete share link list.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?&func=delete_share&sid=${sid}&file_total=${file_total}&ssids=${ssids}

Variable	Description
${file_total}	The total share link count number.
${ssids}	The serial ssids(It is depended on ${file_total}).

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?&func=delete_share&file_total=3&sid=g64jvy2x&ssids=0kAS6Fd&ssids=0M0QrDG&ssids=0vf1xSb

Return value:

{ "status": 1, "success": "true" }

Get Share Link List

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Description:

Get share link list.

Use ep='{ep}' replaced access_code='{access_code}' when needed password to get share link.

'ep' means encryption password that use base64 encode method

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?&func=get_share_list&sid=${sid}&dir=${dir}&limit=${limit}&sort=${sort}&dir=${dir}&start=${start}

Variable	Description
${dir}	*ASC / DESC.*
${start}	Start list number.
${limit}	Per page numbers.
${sort}	Sort list type : (defualt : filename) *filename / link_name / filesize / download_link / start_time / expire_time*

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?&func=get_share_list&dir=ASC&limit=20&sid=g64jvy2x&sort=start_time&start=0

Return value:

{ "date_format": 1, "time_format": 24, "max_share_file": 100000, "total_shared_items": 5, "total": 1, "datas": [{ "ssid": "2bbaf2bebd9f4c648509f43c2e32b016", "isfolder": 1, "filesize": "4096", "filetype": 0, "multiple": 0, "download_link": "http:\/\/172.17.20.72:8080\/share.cgi?ssid=2bbaf2bebd9f4c648509f43c2e32b016", "start_time": 1616408041, "expire_time": 1617012841, "addressee": "none@none", "creator": "test", "qsync": 0, "access_code": "11111111", "download_count": 0, "download_limit": 0, "x_option": 4, "option": 1, "misc": "00004001", "title": "FILE STATION", "description": "Hello! I have shared a image to

you. Enjoy!", "type": 0, "link_name": "abc", "ht": 21, "all_available": 0, "filename": "\/Download\/abc", "shared_items": 1 }] }

    ] }

Response Field:

Variable	Description
ssid	The created uniquie ID for share link.
filename	The orginal share link file name in the File Station.
isfolder	Is folder or not (*1 / 0*)? *1* : yes
multiple	Is multiple share link (*1 / 0*)? *1* : yes
protocol	*http / https* protocol
download_link	The created share link.
start_time	Start time (the time since the Epoch (00:00:00 UTC, January 1, 1970), measured in seconds).
end_time	*End of time* (the time since the Epoch (00:00:00 UTC, January 1, 1970), measured in seconds).*.*
addressee	Send mail addressee.

creator	Creator(defaule is remote user).
access_code	Access code.
download_count	RESERVED
download_limit	RESERVED
option	*1* : download *3* : allow upload
misc	RESERVED
title	Facebook publish title.
description	Facebook publish description.
type	Type = 1 means support share cloud.
lnik_name	Show name of the share link.

date_formt	
	date_formt: 1/2/3/4/5/6/7/8/9 (NAS date time show formt) ```\n case 1:\n (date_str, "%s/%s/%s", yy, mm,\ndd);\n case 2:\n (date_str, "%s.%s.%s", yy, mm,\ndd);\n case 3:\n (date_str, "%s-%s-%s", yy, mm,\ndd);\n case 4:\n (date_str, "%s/%s/%s", mm, dd,\nyy);\n case 5:\n (date_str, "%s.%s.%s", mm, dd,\nyy);\n case 6:\n (date_str, "%s-%s-%s", mm, dd,\nyy);\n case 7:\n (date_str, "%s/%s/%s", dd, mm,\nyy);\n case 8:\n (date_str, "%s.%s.%s", dd, mm,\nyy);\n case 9:\n (date_str, "%s-%s-%s", dd, mm,\nyy);\n```
time_formt	
	time_formt: 24 / 12 (NAS time show formt)
total_shared_items	
	Share link total shared file items.

Get List Members of A Share Link(* for QTS 4.2 and later)

Description:

Get list members of a share link.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?&func=get_share_sublist&ssid=${ssid}&sid=${sid}

Variable	Description
${ssid}	Share link id.

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?&func=get_share_sublist&sid=g64jvy2x&ssid=0kAS6Fd

Return value:

{ "total": 4, "datas": [{ "ssid": "06FPRel", "fid": "06FPRel", "filename": "\/homes\/admin\/Samples\/aa.mp4", "isfolder": 0 },

{ "ssid": "06FPRel", "fid": "2MZ2GuV", "filename": "\/homes\/admin\/Samples\/sample004.jpg", "isfolder": 0 },

{ "ssid": "06FPRel", "fid": "3sJ54Fk", "filename": "\/homes\/admin\/Samples\/sample005.jpg", "isfolder": 0 },

{ "ssid": "06FPRel", "fid": "1i6LzZA", "filename": "\/homes\/admin\/Samples\/sample007.jpg", "isfolder": 0 }] }

Add Members of A Share Link(* for QTS 4.2 and later)

Description:

Add members of a share link.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?&func=add_share_sublist&ssid=${ssid}&file_total=${file_total}&file_path=${file_path}&&sid=${sid}

Variable	Description
${ssid}	Share link id.

${file_total}	Total file number.
${file_path}	The file path name.

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?&func=add_share_sublist&sid=g64jvy2x&ssid=0kAS6Fd&file_total=2&file_path=/home/Samples/sample006.jpg&file_path=/home/Samples/sample008.jpg

Return value:

{ "version": "4.1", "build": "20131213", "status": 1, "success": "true" }

Delete Members of A Share Link(* for QTS 4.2 and later)

Description:

Delete members of a Share Link.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?&func=delete_share_sublist&ssid=${ssid}&file_total=${file_total}&fids=${fids}&&sid=${sid}

Variable	Description
${ssid}	Share link id.
${file_total}	Total file number.
${fids}	The file id of share link member.

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?&func=add_share_sublist&sid=g64jvy2x&ssid=0kAS6Fd&file_total=2&fids=3xqZXw3&fids=4G5uxRW

Return value:

> { "version": "4.1", "build": "20131213", "status": 1, "success": "true" }

Download / View

Download One Share File

Description:

Download one share file.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&pwd=${pwd}

Variable	Description
${ssid}	The unique ID of share file.
${pwd}	Password.

Example:

http://172.17.20.92:8080/share.cgi?ssid=0Wt61dn

Return value:

> Got the shared file from browser !

View Share File

Description:

View share file.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&pwd=${pwd}&fid=${fid}&open=normal

Variable	Description
${ssid}	The unique ID of share file.
${fid}	Optional. A sharing link may contain 1 or more files/ folders links, and one fid represents one folder or file of the sharing link.
${pwd}	Password.
${open}	*normal / forcedownload*. *normal* : view the share file *forcedownload* : download the share file

Example:

http://172.17.20.92:8080/share.cgi?ssid=0Wt61dn&open=normal

Return value:

Got the shared file from browser !

Download Share Video File

Description:

Download share video file.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&pwd=${pwd}&open=forcedownload

Variable	Description

${ssid}	The unique ID of share file.
${pwd}	Password.
${open}	*normal / forcedownload*. *normal* : view the share file *forcedownload* : download the share file

Example:

http://172.17.20.92:8080/share.cgi?ssid=0Wt61dn&open=forcedownload

Return value:

Got the shared file from browser !

View Share Video File

Description:

View share video file.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&pwd=${pwd}&open=normal

Variable	Description
${ssid}	The unique ID of share file.
${pwd}	Password.
${open}	*normal / forcedownload*.

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	normal : view the share file *forcedownload* : download the share file

http://172.17.20.92:8080/share.cgi?ssid=${ssid}&open=normal

Return value:

Got the shared file from browser !

Download Share Folder File

Description:

Download share Folder file.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&openfolder=forcedownload&pwd=${pwd}&path=${path}

Variable	Description
${ssid}	The unique ID of share file.
${pwd}	Password.
${ep}	Encryption password. Encryption password is supported base 64 encryption. It is encrypted by server.
${open}	*normal / forcedownload*. *normal* : view the share file *forcedownload* : download the share file

Example:

http://172.17.20.92:8080/share.cgi?ssid=0S198vF&openfolder=forcedownload&pwd=12345678&path=%2F

Example: Download the subfolder

https://172.17.20.92/share.cgi?ssid=0S198vF&openfolder=forcedownload&ep=MTIzNDU2Nzg=&path=%2FtestFolder

or

https://172.17.20.92/share.cgi?ssid=0S198vF&openfolder=forcedownload&pwd=12345678&path=%2FtestFolder

Return value:

Got the shared file from browser !

Download More Than One Share Folders / Files

(for QTS 5.5.0 or later)

Description:

Download more than one share folders / files.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&fid=${fid}&ep=${ep}&openfolder=${openfolder}&path=${path}&filename=${filename}filename=${filename}&source_total=${source_total}

Variable	Description
${ssid}	The unique ID of share file.
${pwd}	Password.
${ep}	Encryption password. Encryption password is supported base 64 encryption. It is encrypted by server.

${fid}	The multiple file ID.
${path}	The file path.
${filename}	Download filename.
${openfolder}	Wen the share link include folder, this parameter will be used. *normal / forcedownload / subfolder.* *normal* : view the share file *forcedownload* : download the share file *subfolder* : open subfolder of share folder
${source_total}	The number of files.

Example:

1. 4 files

http://172.17.20.72:8080/share.cgi?ssid=6afccb8c380f4d5cb51d226cd36bc140&fid=6afccb8c380f4d5cb51d226cd36bc140&path=%2F&filename=sample02.jpg&filename=sample03.jpg&filename=sample05.jpg&filename=sample06.jpg&source_total=4&openfolder=forcedownload&ep=

2. 1 file and 1 folder

http://172.17.20.72:8080/share.cgi?ssid=6afccb8c380f4d5cb51d226cd36bc140&fid=6afccb8c380f4d5cb51d226cd36bc140&path=%2Fpath1&filename=sample04.jpg&filename=access-log&source_total=2&openfolder=forcedownload&ep=

Return value:

Got the shared file from browser !

QNAP®

Open Share Folder SubFolder

Description:

Open subfolder of share folder.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&openfolder=subfolder&pwd=${pwd}&path=${path}

Variable	Description
${ssid}	The unique ID of share file.
${pwd}	Password.
${ep}	Encryption password. Encryption password is supported base 64 encryption. It is encrypted by server.
${open}	*normal / forcedownload*. *normal* : view the share file *forcedownload* : download the share file *subfolder* : open subfolder of share folder

Example: Open the subfolder

https://172.17.20.92/share.cgi?ssid=0S198vF&openfolder=subfolder&ep=MTIzNDU2Nzg=&path=%2FtestFolder

or

https://172.17.20.92/share.cgi?ssid=0S198vF&openfolder=subfolder&pwd=12345678&path=%2FtestFolder

Return value:

Got the shared file from browser !

SUBJECT TO CHANGE WITHOUT NOTICE

Download Multiple Share Folder / File

Description:

Download multiple share folder / file.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&fid=${fid}&pwd=${pwd}&openfolder=${openfolder}&path=${path}&filename=${filename}

Variable	Description
${ssid}	The unique ID of share file.
${pwd}	Password.
${ep}	Encryption password. Encryption password is supported base 64 encryption. It is encrypted by server.
${fid}	The multiple file ID.
${path}	The subfolder path.
${filename}	The filename in the subfolder.
${openfolder}	Wen the share link include folder, this parameter will be used. *normal / forcedownload / subfolder*. *normal* : view the share file *forcedownload* : download the share file *subfolder* : open subfolder of share folder

Example:

1.file

http://172.17.20.92:8080/share.cgi?ssid=0PkCuFc&fid=1I8eaHf&pwd=12345678

http://172.17.20.92:8080/share.cgi?ssid=0PkCuFc&fid=1I8eaHf&open=forcedownload&pwd=123
45678

2.folder

http://172.17.20.92:8080/share.cgi?ssid=0PkCuFc&openfolder=forcedownload&ep=MTIzNDU2N
zg=&fid=0PkCuFc

Example: Download the subfolder or the file in the subfolder.

http://172.17.20.92:8080/share.cgi?ssid=0PkCuFc&openfolder=forcedownload&ep=MTIzNDU2N
zg=&path=%2F&filename=test&fid=0PkCuFc

http://172.17.20.92:8080/share.cgi?ssid=0PkCuFc&openfolder=forcedownload&pwd=12345678&
path=%2F&filename=test&fid=0PkCuFc

http://172.17.20.92:8080/share.cgi?ssid=0PkCuFc&openfolder=forcedownload&ep=MTIzNDU2N
zg=&path=%2F&filename=aa.mp4&fid=0PkCuFc

Return value:

      Got the shared file from browser !

Open Multiple Share Folder / File

Description:

Open multiple share folder / file.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&fid=${fid}&pwd=${pwd}&openfolder=${openfolder}&path=${
path}&filename=${filename}

Variable	Description
${ssid}	The unique ID of share file.
${pwd}	Password.

${ep}	Encryption password. Encryption password is supported base 64 encryption. It is encrypted by server.
${fid}	The multiple file ID.
${path}	The subfolder path.
${filename}	The filename in the subfolder.
${openfolder}	Wen the share link include folder, this parameter will be used. *normal / forcedownload / subfolder*. *normal* : view the share file *forcedownload* : download the share file *subfolder* : open subfolder of share folder

Example:

1.file

http://172.17.20.92:8080/share.cgi?ssid=0PkCuFc&openfolder=normal&pwd=12345678&path=%2F&filename=11-%E8%A4%87%E8%A3%BD(2).txt&fid=0PkCuFc

http://172.17.20.92:8080/share.cgi?ssid=0PkCuFc&openfolder=normal&ep=MTIzNDU2Nzg=&path=%2F&filename=aa.mp4&fid=0PkCuFc

Example: Open the subfolder or the file in the subfolder.

1. open subfolder folder

http://172.17.20.92:8080/share.cgi?ssid=0PkCuFc&openfolder=subfolder&ep=MTIzNDU2Nzg=&path=%2F&filename=test&fid=0PkCuFc

2. open file

http://172.17.20.92:8080/share.cgi?ssid=0PkCuFc&openfolder=forcedownload&ep=MTIzNDU2Nzg=&path=%2F&filename=aa.mp4&fid=0PkCuFc

Got the shared file from browser !

Upload File to Share Folder

Description:

Upload file to share Folder.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&func=upload&pwd=${pwd}&dest_path=${dest_path}&overwrite=${overwrite}

Variable	Description
${ssid}	The unique ID of share file.
${pwd}	Password.
${type}	*1*: for htts upload(the same as upload function) *0*: otherwise.
${dest_path}	Destination path.
${overwrite}	overwrite or not (*1/0*)
${progress}	Upload progress.(the same as upload function)

Example:

http://172.17.20.92:8080/share.cgi?ssid=0S198vF&func=upload&type=standard&dest_path=%2F&overwrite=1&progress=--1%E6%B8%AC%E8

Example: Upload to the subfolder

http://172.17.20.92:8080/share.cgi?ssid=0S198vF&func=upload&type=standard&dest_path=%2F
testFolder&overwrite=1&progress=--1%E6%B8%AC%E8

Return value:

Got the shared file from browser !

Get Item List

Get Item List From A Sharing Link

Description:

When a sharing link linked to a folder, this API can be used to get the sub-folders/ files list of the folder.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&func=get_list&pwd=${pwd}&path=${path}&sort=${sort}&dir
={dir}&limit=${limit}

Variable	Description
${ssid}	The unique ID of the share link.
${pwd}	Password.
${path}	Optional. Sub-folder path.
${limit}	Per page numbers.
${sort}	Sort list type : *filename / fileszie / mt*

${dir}	${dir} : ASC / DESC

Example: (file)

http://172.17.20.92:8080/share.cgi?ssid=0k1AWOR&func=get_list

Return text on success:

{ "total": 1, "link_name": "test.avi", "option": 1, "multiple": 0, "datas": [

{ "filename": "test.avi", "isfolder": 0, "filesize": "366635008", "mt": "2013\/11\/07 19:57:52", "epochmt": 1383825472, "url": "http:\/\/172.17.20.92:8080\/share.cgi?ssid=0k1AWOR&fid=0k1AWOR" }

] }

Example: (folder)

http://172.17.20.92:8080/share.cgi?ssid=0pqFig6&func=get_list

Return text on success:

{ "total": 1, "link_name": "Samples", "option": 3, "multiple": 0, "datas": [

{ "filename": "Samples", "isfolder": 1, "filesize": "4096", "mt": "2013\/12\/19 16:27:35", "epochmt": 1387441655, "url": "http:\/\/172.17.20.92:8080\/share.cgi?ssid=0pqFig6&fid=0pqFig6&func=get_list" }

] }

Example:

http://172.17.20.92:8080//share.cgi?ssid=0pqFig6&fid=0pqFig6&func=get_list

Return text on success:

{ "total": 21, "option": 3, "multiple": 0, "datas": [{ "filename": "sample001.jpg", "isfolder": 0, "filesize": "317947", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "1 (1) (1).jpg", "isfolder": 0, "filesize": "605651", "mt": "2013\/12\/12 10:19:46", "epochmt": 1386814786 },

{ "filename": "Sample Music 1.mp3", "isfolder": 0, "filesize": "1193775", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

{ "filename": "sample008.jpg", "isfolder": 0, "filesize": "408247", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 }, { "filename": "sample010.jpg", "isfolder": 0, "filesize": "314830", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "Sample Music 4.mp3", "isfolder": 0, "filesize": "1204794", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

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{ "filename": "sample006.jpg", "isfolder": 0, "filesize": "146026", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "sample005.jpg", "isfolder": 0, "filesize": "180929", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "## (2) (1) (1).jpg", "isfolder": 0, "filesize": "146026", "mt": "2013\/12\/02 10:20:26", "epochmt": 1385950826 },

{ "filename": "## (1).jpg", "isfolder": 0, "filesize": "146026", "mt": "2013\/12\/10 15:55:42", "epochmt": 1386662142 },

{ "filename": "aa.mp4", "isfolder": 0, "filesize": "37290425", "mt": "2013\/11\/14 11:21:02", "epochmt": 1384399262 },

{ "filename": "## (2) (1)-複製(1).jpg", "isfolder": 0, "filesize": "146026", "mt": "2013\/12\/10 15:55:50", "epochmt": 1386662150 },

{ "filename": "Sample Music 2.mp3", "isfolder": 0, "filesize": "859238", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

{ "filename": "sample003.jpg", "isfolder": 0, "filesize": "324612", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "Sample Music 5.mp3", "isfolder": 0, "filesize": "953915", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

{ "filename": "sample009.jpg", "isfolder": 0, "filesize": "227972", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "National.geographic.megafactories.bugatti.super.car.hdtv.xvid.avi", "isfolder": 0, "filesize": "366635008", "mt": "2013\/11\/07 19:57:52", "epochmt": 1383825472 },

{ "filename": "sample007.jpg", "isfolder": 0, "filesize": "241378", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "sample002.jpg", "isfolder": 0, "filesize": "131479", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "Sample Music 3.mp3", "isfolder": 0, "filesize": "848044", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

{ "filename": "sample004.jpg", "isfolder": 0, "filesize": "391245", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 }

] }

Example:

http://peterlai-470:8080/share.cgi?ssid=0m02dqi&func=get_list&path=/Samples

http://peterlai-470:8080/share.cgi?ssid=0m02dqi&func=get_list&path=/Samples&sort=filename&dir=ASC

Return text on success:

{ "total": 21, "option": 1, "multiple": 0, "datas": [{ "filename": "sample001.jpg", "isfolder": 0, "filesize": "317947", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "1 (1) (1).jpg", "isfolder": 0, "filesize": "605651", "mt": "2013\/12\/12 10:19:46", "epochmt": 1386814786 },

{ "filename": "Sample Music 1.mp3", "isfolder": 0, "filesize": "1193775", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

{ "filename": "sample008.jpg", "isfolder": 0, "filesize": "408247", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "sample010.jpg", "isfolder": 0, "filesize": "314830", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "Sample Music 4.mp3", "isfolder": 0, "filesize": "1204794", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

{ "filename": "sample006.jpg", "isfolder": 0, "filesize": "146026", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "sample005.jpg", "isfolder": 0, "filesize": "180929", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "## (2) (1) (1).jpg", "isfolder": 0, "filesize": "146026", "mt": "2013\/12\/02 10:20:26", "epochmt": 1385950826 },

{ "filename": "## (1).jpg", "isfolder": 0, "filesize": "146026", "mt": "2013\/12\/10 15:55:42", "epochmt": 1386662142 },

{ "filename": "aa.mp4", "isfolder": 0, "filesize": "37290425", "mt": "2013\/11\/14 11:21:02", "epochmt": 1384399262 },

{ "filename": "## (2) (1)-複製(1).jpg", "isfolder": 0, "filesize": "146026", "mt": "2013\/12\/10 15:55:50", "epochmt": 1386662150 },

{ "filename": "Sample Music 2.mp3", "isfolder": 0, "filesize": "859238", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

{ "filename": "sample003.jpg", "isfolder": 0, "filesize": "324612", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "Sample Music 5.mp3", "isfolder": 0, "filesize": "953915", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

{ "filename": "sample009.jpg", "isfolder": 0, "filesize": "227972", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "National.geographic.megafactories.bugatti.super.car.hdtv.xvid.avi", "isfolder": 0, "filesize": "366635008", "mt": "2013\/11\/07 19:57:52", "epochmt": 1383825472 },

{ "filename": "sample007.jpg", "isfolder": 0, "filesize": "241378", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "sample002.jpg", "isfolder": 0, "filesize": "131479", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "Sample Music 3.mp3", "isfolder": 0, "filesize": "848044", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

{ "filename": "sample004.jpg", "isfolder": 0, "filesize": "391245", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 }

] }

Response Field:

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Variable	Description
total	The total number of the list.
option	*1* : download *3* : allow upload
multiple	Is multiple share link (*1 / 0*)? *1* : yes
multiple	Is multiple share link (*1 / 0*)? *1* : yes
filename	share file name
isfolder	*1* : folder yes
filesize	file size(unit : byte)
mt	Modified time(default 0 : forever) (the time since the Epoch (00:00:00 UTC, January 1, 1970), measured in seconds) .
epochmt	Modified time(default 0 : forever) (the time since the Epoch (00:00:00 UTC, January 1, 1970), measured in seconds) .

Get Item List From A (Multiple) Sharing Link

Description:

Get item (file/ folder) list from a sharing link which contained multiple items.

Command':

SUBJECT TO CHANGE WITHOUT NOTICE

http://IP:8080/share.cgi?ssid=${ssid}&fid=${fid}&func=get_list&pwd=${pwd}&path=${path}

Variable	Description
${ssid}	The unique ID of the share link.
${pwd}	Password.
${fid}	Optional. A sharing link may contain multiple files/ folders links, and one fid represents one folder or file of the sharing link.
${path}	Path

Example:

http://172.17.20.92:8080/share.cgi?ssid=09Dxrpz&func=get_list

Return text on success:

{ "total": 6, "link_name": "video", "option": 1, "multiple": 1, "datas": [

{ "filename": "Samples", "isfolder": 1, "filesize": "4096", "mt": "2013\/12\/19 16:27:35", "epochmt": 1387441655, "url": "http:\/\/172.17.20.92:8080\/share.cgi?ssid=09Dxrpz&fid=1C1nbnX&func=get_list" },

{ "filename": "aa.mp4", "isfolder": 0, "filesize": "37290425", "mt": "2013\/11\/14 11:21:02", "epochmt": 1384399262, "url": "http:\/\/172.17.20.92:8080\/share.cgi?ssid=09Dxrpz&fid=2RtKiSl" },

{ "filename": "sample001.jpg", "isfolder": 0, "filesize": "317947", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649, "url": "http:\/\/172.17.20.92:8080\/share.cgi?ssid=09Dxrpz&fid=34KJAjN" },

{ "filename": "sample008.jpg", "isfolder": 0, "filesize": "408247", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649, "url": "http:\/\/172.17.20.92:8080\/share.cgi?ssid=09Dxrpz&fid=4TZN4ef" },

{ "filename": "sample010.jpg", "isfolder": 0, "filesize": "314830", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649, "url": "http:\/\/172.17.20.92:8080\/share.cgi?ssid=09Dxrpz&fid=5iPFIlF" },

{ "filename": "video", "isfolder": 1, "filesize": "4096", "mt": "2013\/12\/19 11:30:50", "epochmt": 1387423850, "url": "http:\/\/172.17.20.92:8080\/share.cgi?ssid=09Dxrpz&fid=09Dxrpz&func=get_list" }

] }

Example:

http://172.17.20.92:8080//share.cgi?ssid=09Dxrpz&fid=09Dxrpz&func=get_list

Return text on success:

{ "total": 6, "option": 1, "multiple": 0, "datas": [

{ "filename": "Samples", "isfolder": 1, "filesize": "4096", "mt": "2013\/12\/19 11:31:03", "epochmt": 1387423863 },

{ "filename": "@Transcode", "isfolder": 1, "filesize": "4096", "mt": "2013\/12\/19 12:41:20", "epochmt": 1387428080 },

{ "filename": "Thumbs.db", "isfolder": 0, "filesize": "17408", "mt": "2013\/12\/18 19:00:36", "epochmt": 1387364436 },

{ "filename": "[Dragon_Ball_2008_Ossu_Kaette_Kita_Son_Goku_to_Nakamatachi][848x480][66286E56].rmvb", "isfolder": 0, "filesize": "183912535", "mt": "2009\/01\/30 15:18:50", "epochmt": 1233299930 },

{ "filename": "test.avi", "isfolder": 0, "filesize": "366635008", "mt": "2013\/11\/07 19:57:52", "epochmt": 1383825472 },

{ "filename": "The.Daily.Show.2010.12.13.Gordon.Brown.HDTV.XviD-FQM.[VTV].avi", "isfolder": 0, "filesize": "183794916", "mt": "2010\/12\/14 17:35:54", "epochmt": 1292319354 }

] }

Example:

http://172.17.20.92:8080//share.cgi?ssid=09Dxrpz&fid=09Dxrpz&func=get_list&path=/Samples

Return text on success:

{ "total": 21, "option": 1, "multiple": 0, "datas": [{ "filename": "sample001.jpg", "isfolder": 0, "filesize": "317947", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "1 (1) (1).jpg", "isfolder": 0, "filesize": "605651", "mt": "2013\/12\/12 10:19:46", "epochmt": 1386814786 },

{ "filename": "Sample Music 1.mp3", "isfolder": 0, "filesize": "1193775", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

{ "filename": "sample008.jpg", "isfolder": 0, "filesize": "408247", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "sample010.jpg", "isfolder": 0, "filesize": "314830", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "Sample Music 4.mp3", "isfolder": 0, "filesize": "1204794", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

{ "filename": "sample006.jpg", "isfolder": 0, "filesize": "146026", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "sample005.jpg", "isfolder": 0, "filesize": "180929", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "## (2) (1) (1).jpg", "isfolder": 0, "filesize": "146026", "mt": "2013\/12\/02 10:20:26", "epochmt": 1385950826 },

{ "filename": "## (1).jpg", "isfolder": 0, "filesize": "146026", "mt": "2013\/12\/10 15:55:42", "epochmt": 1386662142 },

{ "filename": "aa.mp4", "isfolder": 0, "filesize": "37290425", "mt": "2013\/11\/14 11:21:02", "epochmt": 1384399262 },

{ "filename": "## (2) (1)-複製(1).jpg", "isfolder": 0, "filesize": "146026", "mt": "2013\/12\/10 15:55:50", "epochmt": 1386662150 },

{ "filename": "Sample Music 2.mp3", "isfolder": 0, "filesize": "859238", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

{ "filename": "sample003.jpg", "isfolder": 0, "filesize": "324612", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "Sample Music 5.mp3", "isfolder": 0, "filesize": "953915", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

{ "filename": "sample009.jpg", "isfolder": 0, "filesize": "227972", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "National.geographic.megafactories.bugatti.super.car.hdtv.xvid.avi", "isfolder": 0, "filesize": "366635008", "mt": "2013\/11\/07 19:57:52", "epochmt": 1383825472 },

{ "filename": "sample007.jpg", "isfolder": 0, "filesize": "241378", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "sample002.jpg", "isfolder": 0, "filesize": "131479", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 },

{ "filename": "Sample Music 3.mp3", "isfolder": 0, "filesize": "848044", "mt": "2013\/11\/08 20:50:07", "epochmt": 1383915007 },

{ "filename": "sample004.jpg", "isfolder": 0, "filesize": "391245", "mt": "2013\/11\/11 10:24:09", "epochmt": 1384136649 }

] }

Return text on authetication failure:

{ "status": 17, "success": "true" }

Response Field:

```
   The same as 15.7
```

Get Share file stat

Get Share file stat

Description:

Get share file stat.

Command':

SUBJECT TO CHANGE WITHOUT NOTICE

http://IP:8080/share.cgi?&ssid=${ssid}&func=stat&path=${path}&file_total=${file_total}&file_name=${file_name}

Variable	Description
${ssid}	The unique ID of the share link.
${path}	Stat file path.
${file_total}	File total number.
${file_name}	Stat file name.

Example: Folder stat.

https://172.17.20.92/share.cgi?ssid=0S198vF&pwd=12345678&func=stat&file_total=1&path=/&file_name=testFolder

Return value:

{ "medialib": 1, "total": 1, "acl": 1, "is_acl_enable": 0, "is_winacl_support": 1, "is_winacl_enable": 0, "rtt_support": 1, "datas": [{ "filename": "testFolder", "isfolder": 1, "filesize": "4096", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "755", "filetype": 0, "mt": "2013\/10\/14 15:54:05", "epochmt": 1381737245, "qbox_type": 0, "qbox_share_id_status": 0, "qbox_share_id": "", "versioning_support": 0, "exist": 1, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "trans": 0, "play": 0 }] }

Example: File stat

https://172.17.20.92/share.cgi?ssid=0S198vF&pwd=12345678&func=stat&file_total=1&path=/&file_name=sample001.jpg

Return value:

{ "medialib": 1, "total": 1, "acl": 1, "is_acl_enable": 0, "is_winacl_support": 1, "is_winacl_enable": 0, "rtt_support": 1, "datas": [{ "filename": "sample001.jpg", "isfolder": 0, "filesize": "317947", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "644", "filetype": 0, "mt": "2013\/10\/01 10:59:02", "epochmt": 1380596342, "qbox_type": 0, "qbox_share_id_status": 0, "qbox_share_id": "", "versioning_support": 0,

"exist": 1, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "trans": 0, "play": 0 }] }

Example: Subfolder file stat.

https://172.17.20.92/share.cgi?ssid=0S198vF&pwd=12345678&func=stat&file_total=1&path=/testFolder&file_name=sample002.jpg

Return value:

{ "medialib": 1, "total": 1, "acl": 1, "is_acl_enable": 0, "is_winacl_support": 1, "is_winacl_enable": 0, "rtt_support": 1, "datas": [{ "filename": "sample002.jpg", "isfolder": 0, "filesize": "131479", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "644", "filetype": 0, "mt": "2013\/10\/01 10:59:02", "epochmt": 1380596342, "qbox_type": 0, "qbox_share_id_status": 0, "qbox_share_id": "", "versioning_support": 0, "exist": 1, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "trans": 0, "play": 0 }] }

Response Field:

```
  The same as stat function
```


Get Multiple Share file stat

Description:

Get multiple share file stat.

Command':

http://IP:8080/share.cgi?&ssid=${ssid}&fid=${fid}&pwd=${pwd}&func=stat&path=${path}&file_total=${file_total}&file_name=${file_name}

Variable	Description
${ssid}	The unique ID of the share link.
${fid}	The multiple share link file ID.
${pwd}	Password.

${path}	File Path.
${file_total}	File total number.
${file_name}	Stat file name.

Example: File stat.

Return value:

{ "medialib": 1, "total": 1, "acl": 1, "is_acl_enable": 0, "is_winacl_support": 1, "is_winacl_enable": 0, "rtt_support": 1, "datas": [{ "filename": "11.txt", "isfolder": 0, "filesize": "0", "group": "", "owner": "", "iscommpressed": 0, "privilege": "", "filetype": 0, "mt": "", "epochmt": 0, "qbox_type": 0, "qbox_share_id_status": 0, "qbox_share_id": "", "versioning_support": 0, "exist": 0, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "trans": 0, "play": 0 }] }

Example: Subfolder file stat.

Return value:

{ "medialib": 1, "total": 1, "acl": 1, "is_acl_enable": 0, "is_winacl_support": 1, "is_winacl_enable": 0, "rtt_support": 1, "datas": [{ "filename": "", "isfolder": 0, "filesize": "0", "group": "", "owner": "", "iscommpressed": 0, "privilege": "", "filetype": 0, "mt": "", "epochmt": 0, "qbox_type": 0, "qbox_share_id_status": 0, "qbox_share_id": "", "versioning_support": 0, "exist": 0, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "trans": 0, "play": 0 }] }

Response Field:

```
  The same as stat function.
```

Add Acx(For Share Cloud)(JSON)

Description:

Add acx.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&pwd=${pwd}&func=add_acx&acx=${acx}

Variable	Description
${ssid}	The unique ID of the share link.
${pwd}	Password.
${acx}	The new password for the share link authentication. (ex: acx=passwd1,passwd2,paswd3)

Example:

http://172.17.20.86:8080/share.cgi?ssid=0JtUhaq&func=add_acx&acx=12345678,aaaaa&pwd=1234

Return value:

Success :

{ "status": 1, "success": "true" }

Fail :

Fail :

{ "status": 0, "success": "true" }

Permission deny :

{ "status": 4, "success": "true" }

File does not exist :

{ "status":5, "success": "true" }

Check password error :

{ "status": 17, "success": "true" }

DB fail :

{ "status": 19, "success": "true" }

Remove Acx(For Share Cloud)(JSON)

Description:

Remove acx.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&pwd=${pwd}&func=remove_acx&acx=${acx}

Variable	Description
${ssid}	The unique ID of the share link.
${pwd}	Password.
${acx}	The new password for the share link authentication. (ex: acx=passwd1,passwd2,paswd3)

Example:

http://172.17.20.86:8080/share.cgi?ssid=0JtUhaq&func=remove_acx&acx=12345678,aaaaa&pwd=1234

Return value:

Success :

{ "status": 1, "success": "true" }

Fail :

Fail :

{ "status": 0, "success": "true" }

Permission deny :

{ "status": 4, "success": "true" }

File does not exist :

{ "status":5, "success": "true" }

Check password error :

{ "status": 17, "success": "true" }

DB fail :

{ "status": 19, "success": "true" }

Get Share File Thumbnail

Get Share File Thumbnail

Description:

Get share file thumbnail.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&func=get_thumb&path=${path}&name=${name}&size=${size}

Variable	Description
${ssid}	The unique ID of the share link.
${path}	Path.

${name}	The image file name
${size}	Image size.

Example:

https://172.17.20.92/share.cgi?ssid=0S198vF&func=get_thumb&path=/&name=sample002.jpg&size=100

Return value:

Browser got !

Get SubFolder Share File Thumbnail

Description:

Get subfolder share file thumbnail.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&fid=${fid}&func=get_thumb&path=${path}&name=${name}&size=${size}

Variable	Description
${ssid}	The unique ID of the share link.
${path}	Path.
${name}	The image file name
${size}	Image size.

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Example:

https://172.17.20.92/share.cgi?ssid=0S198vF&func=get_thumb&path=/testFolder&name=sample002.jpg&size=100

Return value:

Browser got !

Get Multiple Share File Thumbnail

Description:

Get multiple share file thumbnail.

Command':

http://IP:8080/share.cgi?ssid=${ssid}&fid=${fid}&func=get_thumb&name=${name}&size=${size}

Variable	Description
${ssid}	The unique ID of the share link.
${fid}	The multiple share file unique ID.
${name}	The image file name
${size}	Image size.

Example:

http://172.17.20.92:8080/share.cgi?ssid=05PtKoP&func=get_thumb&fid=1aj47fv&size=100

Return value:

Browser got !

Enable Thumbnail

Description:

Support multimedia playback and thumbnail display.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=enable_thumbnail&enable=${enable}

Variable	Description
${enable}	1: enable thumbnail display. 0: disable thumbnail display.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=enable_thumbnail&enable=1

Return value:

Success:

{ "version": "5.0.0", "build": "20151224", "status": 1, "success": "true" }

Rotate Image

Rotate Image

Description:

Rotate an image in Media Viewer.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=${func}&sid=${sid}&dest_path=${dest_path}&source_total=${source_total}
&source_path=${source_path}&rotate_angle=${rotate_angle}&source_file=${source_file}

Variable	Description
${func}	rotate
${dest_path}	Destination of the image file, same as source_path
${source_total}	Total number of the rotate image file, default is 1
${source_path}	Source path of the image file
${rotate_angle}	rotate right : 90 or rotate left : -90
${source_file}	Image file

Example:

rotate left of sample01.jpg

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=rotate&sid=${sid}&dest_path=/Multimedia/Samples&source_total=1&
source_path=/Multimedia/Samples&rotate_angle=-90&source_file=sample01.jpg

Return value:

Success:

{ "status": 1, "pid": 2030 }

Get Rotate status

Description:

Get rotate status.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_rotate_status&sid=${sid}&pid=${pid}

Variable	Description
${pid}	Pid of the rotating process

Example:

Get the rotation process which the pid is 2030

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_rotate_status&sid=${sid}&pid=2030

Return value:

Success:

{ "status": 1, "the_num": "0", "filename": "sample01.jpg", "filesize": "103708", "files": "1", "percent": 0, "copying": 1 }

Get Host Name And External IP Address

Description:

Get host name and external IP address.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_domain_ip_list&sid=${sid}

Variable	Description
${sid}	The unique ID of this session.

Example:

http://172.17.20.92:8080/utilRequest.cgi?&func=get_domain_ip_list&sid=0sdffwf

Return value:

```
{
    "status": 1,
    "mycloudnas_hn": "example.mycloudnas.com",
    "ddns_hn": "example.anydns.com",
    "external_ip": "123.123.123.123",
    "local_ip": "192.168.1.101"
    "host_ip": "172.17.20.62"
    "port": 8080
    "sslPort": 443
    "extPort": 8080
    "extSslPort": 443
}
```

Response Field :

Field	Description
status	1.(for UI reflash parameter)(donot reload web page).
mycloudnas_hn	MyCloudNAS name (if the MyCloudNAS was enabled).
ddns_hn	The hostname of the DDNS service (if the DDNS service was enabled).
external_ip	External IP address of the NAS.
local_ip	Local (LAN) IP address of the NAS.
host_ip	host IP addresss of the NAS.
port	Web port number.(* for QTS 4.1 and Later)

sslPort	Web SSL port number.(* for QTS 4.1 and Later)
extPort	External port number.(* for QTS 4.1 and Later)
extSslPort	External SSL port number.(* for QTS 4.1 and Later)

Get Host Type List(* for QTS 4.5 and Later)

Description:

Get host type list for share link.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_host_type_list&sid=${sid}

Variable	Description
${sid}	The unique ID of this session.

Example:

http://172.17.20.72:8080/cgi-bin/filemanager/utilRequest.cgi?sid=f0a37def6b3b413799c8b2bb666bd82d&func=get_host_type_list

Return value:

{ "total": 22, "datas": [{ "host_type": 1, "host_tag_name": "external_ip" }, { "host_type": 2, "host_tag_name": "mycloudnas_hn" }, { "host_type": 3, "host_tag_name": "ddns_hn" }, { "host_type": 4, "host_tag_name": "local_ip1" }, { "host_type": 5, "host_tag_name": "local_ip2" }, { "host_type": 6, "host_tag_name": "host_ip" }, { "host_type": 7, "host_tag_name": "local_ip3" }, { "host_type": 8, "host_tag_name": "local_ip4" }, { "host_type": 9, "host_tag_name": "local_ip5" }, { "host_type": 10, "host_tag_name": "host_custom" }, { "host_type": 11, "host_tag_name": "http:\/" }, { "host_type": 11, "host_tag_name": "https:\/" }, { "host_type": 12, "host_tag_name": "local_ip6"

}, { "host_type": 13, "host_tag_name": "local_ip7" }, { "host_type": 14, "host_tag_name": "local_ip8" }, { "host_type": 15, "host_tag_name": "local_ipv6_1" }, { "host_type": 16, "host_tag_name": "local_ipv6_2" }, { "host_type": 17, "host_tag_name": "local_ipv6_3" }, { "host_type": 18, "host_tag_name": "local_ipv6_4" }, { "host_type": 19, "host_tag_name": "local_ipv6_5" }, { "host_type": 20, "host_tag_name": "local_ipv6_6" }, { "host_type": 21, "host_tag_name": "host_ip_only" }] }

Get Host Name And External IP Address for Share Cloud(* for QTS 4.2 and Later)

Description:

Get host name, external IP address and share cloud link.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_domain_ip_list_ex&ssid=${ssid}&sid=${sid}

Variable	Description
${sid}	The unique ID of this session.
${ssid}	The share link ID of this share link.

Example:

http://172.17.20.92:8080/utilRequest.cgi?&func=get_doamin_ip_list_ex&sid=05PtKoP&ssid=0r12abs

Return value:

{ "status": 1, "mycloudnas_hn": "peterlai.alpha-myqnapcloud.com", "ddns_hn": "", "external_ip": "114.34.18.168", "link_url": "https:\/\/www.alpha-myqnapcloud.com\/share\/6539f46j65536t7072100yb3_6fjJxyM", "local_ip": "172.17.20.83", "host_ip": "", "local_ip_list": "172.17.20.83,", "port": 8080, "sslPort": 443, "extPort": 8080, "extSslPort": 443 }

Response Field :

Field	Description
status	1.(for UI reflash parameter)(donot reload web page).
mycloudnas_hn	MyCloudNAS name (if the MyCloudNAS was enabled).
ddns_hn	The hostname of the DDNS service (if the DDNS service was enabled).
external_ip	External IP address of the NAS.
local_ip	Local (LAN) IP address of the NAS.
local_ip_list	Local (LAN) IP address list of the NAS.
host_ip	host IP addresss of the NAS.
link_url	share cloud link url.
port	Web port number.(* for QTS 4.1 and Later)
sslPort	Web SSL port number.(* for QTS 4.1 and Later)
extPort	External port number.(* for QTS 4.1 and Later)

extSslPort	External SSL port number.(* for QTS 4.1 and Later)

Share Cloud Notify(* for QTS 4.2 and Later)

Description:

Share cloud notify.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=qcloud_notify_info&ssid=${ssid}&sid=${sid}&link_name=${link_name}&accesscode=${accesscode}&mail_subject=${mail_subject}&mail_content=${mail_content}&mail_count=${mail_count}&email=${email}

Variable	Description
${sid}	The unique ID of this session.
${ssid}	The share link ID of this share link.
${link_name}	The share link link name.
${accesscode}	The share link access code.
${mail_subject}	Mail subject.
${mail_content}	Mail content.
${mail_count}	Mail count.

${email}	E-mail * ${mail_count}.

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?&func=qcloud_notify_info&sid=fvmkogtj&ssid=)mBoJ15&link_name=test_list&accesscode=12345678&mail_subject=share for you&mail_content=mail content&mail_count=2&email=test@qnap.com&email=qnap@qnap.com

Return value:

{ "version": "4.2", "build": "20140325", "status": 1, "success": "true" }

Get Share Link More Information(* for QTS 4.1.2, 4.2 and Later)

Description:

Get share link more information.

Command':

http://IP:8080/share.cgi?func=get_share_link_info&ssid=${ssid}

Variable	Description
${ssid}	The share link ID of this share link.

Example:

http://172.17.20.92:8080/share.cgi?&func=get_share_link_info&ssid=05PtKoP

Return value:

{ "version": "4.2", "build": "20140325", "access_code": 1 }

Response Field :

Field	Description
access_code	Values : *1 / 0* 1 means need access code otherwise not

Share to NAS user(* for QTS 4.2 and Later)

Description:

Record shared user information.

Command':

http://IP:8080/share.cgi?func=share_2_users&sid=${sid}&ssid=${ssid}&user_count=${user_count}&user=${user}&description=${description}&email=${email}

Variable	Description
${ssid}	The share link ID of this share link.
${user_count}	Share user counter.
${user}	User accont.
${description}	Description.

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${email}	User email.

Example:

http://172.17.20.92:8080/share.cgi?func=share_2_users&ssid=04jkr1g&sid=r7wqao7b&user_count=2&user=test&user=notadmin&description=test&description=notadmin&email=peterlai.qnap.com&email=supm0667.ms27.hinet.net

Return value: { "version": "4.2.1", "build": "20150303", "status": 1, "success": "true" }

Get Shared With Me(* for QTS 4.2 and Later)

Description:

Get shared with me function.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_shared_with_me&sid=${sid}&sort=${sort}&dir=${dir}

Variable	Description
${sort}	sort type *link_name* / *filesize* / *owner* / *start_time* / *expire_time*
${dir}	sort direction(*ASC* / *DESC*)

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?&func=get_shared_with_me&ssid=05PtKoP&sort=link_name&dir=ASC

Return value: {

"max_share_file": 2048,

"total": 5,

"datas": [

    {

        "ssid": "094dG7b",

        "filename": "\/Download\/AAAA",

        "isfolder": 1,

        "filesize": "4096",

        "filetype": 0,

        "multiple": 0,

        "download_link":
"http:\/\/172.17.20.92:8080\/share.cgi?ssid=094dG7b",

        "start_time": 1426923034,

        "expire_time": 0,

        "addressee": "none@none",

        "creator": "admin",

        "qsync": 0,

        "access_code": "----",

        "download_count": 0,

        "download_limit": 0,

        "option": 1,

        "misc": "00000001",

        "title": "FILE STATION",

        "description": "Hello! I have shared a image to you. Enjoy!",

        "type": 0,

        "link_name": "\/Download\/AAAA",

        "ht": 4,

        "all_available": 0

    },

    {

        "ssid": "0Ga5NR7",

        "filename": "\/Download\/11. 一個人的旅行，探索台灣之美～南投
_360P.mp4",

        "isfolder": 0,

        "filesize": "10226754",

        "filetype": 0,

        "multiple": 0,

```
    "download_link":
"http:\/\/172.17.20.92:8080\/share.cgi?ssid=0Ga5NR7",
    "start_time": 1427094392,
    "expire_time": 0,
    "addressee": "none@none",
    "creator": "admin",
    "qsync": 0,
    "access_code": "----",
    "download_count": 0,
    "download_limit": 0,
    "option": 1,
    "misc": "00000001",
    "title": "FILE STATION",
    "description": "Hello! I have shared a image to you. Enjoy!",
    "type": 0,
    "link_name": "\/Download\/11. 一個人的旅行，探索台灣之美～南投
_360P.mp4",
    "ht": 4,
    "all_available": 0,
    "mp4_240": 0,
    "mp4_360": 1,
    "mp4_720": 0,
    "mp4_480": 0,
    "mp4_1080": 0
  },
  {
    "ssid": "0IhDA4c",
    "filename": "\/Usb\/B.doc",
    "isfolder": 0,
    "filesize": "86528",
    "filetype": 0,
    "multiple": 0,
    "download_link":
"http:\/\/172.17.20.92:8080\/share.cgi?ssid=0IhDA4c",
    "start_time": 1426922873,
    "expire_time": 0,
    "addressee": "none@none",
    "creator": "admin",
```

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```
    "qsync": 0,

    "access_code": "----",

    "download_count": 0,

    "download_limit": 0,

    "option": 1,

    "misc": "00000001",

    "title": "FILE STATION",

    "description": "Hello! I have shared a image to you. Enjoy!",

    "type": 0,

    "link_name": "\/Usb\/B.doc",

    "ht": 4,

    "all_available": 0

},

{

    "ssid": "0QRppkD",

    "filename": "\/Download\/ZZ.mp4",

    "isfolder": 0,

    "filesize": "10226754",

    "filetype": 0,

    "multiple": 0,

    "download_link":
"http:\/\/172.17.20.92:8080\/share.cgi?ssid=0QRppkD",

    "start_time": 1426927087,

    "expire_time": 0,

    "addressee": "none@none",

    "creator": "admin",

    "qsync": 0,

    "access_code": "----",

    "download_count": 0,

    "download_limit": 0,

    "option": 1,

    "misc": "00000001",

    "title": "FILE STATION",

    "description": "Hello! I have shared a image to you. Enjoy!",

    "type": 0,

    "link_name": "\/Download\/ZZ.mp4",

    "ht": 4,
```

```
      "all_available": 0,

      "mp4_240": 0,

      "mp4_360": 1,

      "mp4_720": 0,

      "mp4_480": 0,

      "mp4_1080": 0

    },

    {

      "ssid": "0ilUT44",

      "filename": "\/Download\/1K1000",

      "isfolder": 1,

      "filesize": "4096",

      "filetype": 0,

      "multiple": 0,

      "download_link":
"http:\/\/172.17.20.92:8080\/share.cgi?ssid=0ilUT44",

      "start_time": 1427101088,

      "expire_time": 0,

      "addressee": "none@none",

      "creator": "admin",

      "qsync": 0,

      "access_code": "----",

      "download_count": 0,

      "download_limit": 0,

      "option": 1,

      "misc": "00000001",

      "title": "FILE STATION",

      "description": "Hello! I have shared a image to you. Enjoy!",

      "type": 0,

      "link_name": "\/Download\/1K1000",

      "ht": 4,

      "all_available": 0

    }

  ]


}
```

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Upload

Upload

Description:

Upload a file.

File station upload file use the same method of normal network server upload files.

It use type "multipart/form-data" and "post" method to upload file from client to NAS server.

And request payload contents of upload must append to the URL.

And the contents of multipart input must append to the contents of two sections.

First section:

name:file name

value:(file name)

And the second:

name: file

value: (file contents)

Command:

http://IP:8080/share.cgi?func=${func}&type=${type}&ssid=${ssid}&ep=${ep}&dest_path=${dest_path}&overwrite=${overwrite}&progress=${progress}

Variable	Description
${func}	*upload*
${ssid}	The unique ID of share file.
${ep}	Encryption password. Encryption password is supported base 64 encryption. It is encrypted by server.

${type}	*standard*
${dest_path}	Destination dir path
${overwrite}	*1*: overwrite, *0*: skip
${progress}	Destination file path, "/" needs to be replaced with "-"

Example:

http://IP:8080/share.cgi?func=upload&type=standard&ssid=xxxx&dest_path=/Public&overwrite=1&progress=-Public-test.zip

Upload test.zip to /Public. If the file exists, overwrite the file.

Return value:

Success:

{ "status": 1, "success": "true" }

Failure:

Permission denied

{ "status": 4, "success": "true" }

Quota limit exceeded

{ "status": 9, "success": "true" }

Get Chunked Upload Status

Description:

Get offsetting upload status.

Command:

http://IP:8080/share.cgi?func=${func}&ssid=${ssid}&ep=${ep}&upload_id=${upload_id}&upload_root_dir=${upload_root_dir}

Variable	**Description**

${func}	get_chunked_upload
${ssid}	The unique ID of share file.
${ep}	Encryption password. Encryption password is supported base 64 encryption. It is encrypted by server.
${upload_id}	Upload id.
${upload_root_dir}	Where to put tmp folder(the same as 9.4).

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_chunked_upload&sid=m987mqxt&upload_id=test&upload_root_dir=/Download

Return value:

Success:

 { "status": 0, "size": "12345" }

Failure:

Can't get upload status

{ "status": 5, " upload_id ": " xxxxx" }

Can't find user(it should not happen)

{ "status": -4, " upload_id ": " xxxxx" }

Start Chunked Upload

Description:

Start offsetting upload file and get upload id.

Command:

http://IP:8080/share.cgi?func=${func}&ssid=${ssid}&ep=${ep}&upload_root_dir=${upload_root_dir}

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Variable	Description
${func}	*start_chunked_upload*
${ssid}	The unique ID of share file.
${ep}	Encryption password. Encryption password is supported base 64 encryption. It is encrypted by server..
${upload_root_dir}	Where to put tmp folder(the same as 9.4).

Example:

http://IP:8080/share.cgi?func=start_chunked_upload&ssid=m987mqxt&upload_root_dir=/Download

Return value:

Success:

{ "status": 0, "upload_id": "xxxxx" }

Failure:

Permission denied

{ "status": 4, " upload_id ": " xxxxx" }

Can't generate upload file

{ "status": 9, " upload_id ": " xxxxx" }

Can't find user(it should not happen)

{ "status": -4, " upload_id ": " xxxxx" }

Chunked Upload

Description:

Offset upload file.

Command:

Variable	Description
${func}	*chunked_upload*
${ssid}	The unique ID of share file.
${ep}	Encryption password. Encryption password is supported base 64 encryption. It is encrypted by server.
${upload_id}	Upload id.
${offset}	Offset.
${overwirte}	Overwrite or not 0: skip 1: overwrite 2: auto rename
${dest_path}	Destination path.
${filesize}	The total file size.
${upload_root_dir}	Where to put tmp (If you used share root path(/Download, /Public, ….) as the value of parameter "upload_root_dir" , it will be auto cleaned in period of 7 days later.)
${settime}	Set modified time flag(1 / 0)(ON / OFF).Default off.

${mtime}	Time of last modification.
${atime}	Time of last access.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=chunked_upload&sid=m987mqxt&upload_id=test&offset=4096&overwrite=0&dest_path=/Download&filesize=10240&upload_root_dir=/Download&settime=1&mtime=1438161641&atime=1438161641

Return value:

Success:

{ "status": 1, "size": "10240" }

Failure:

NAS will NOT remove upload file.

{ "status": 0, " upload_id ": " xxxxx" }

Permission denied

{ "status": 4, " upload_id ": " xxxxx" }

${dest_path} doesnot exist.

NAS will NOT remove upload file

{ "status": 5, " upload_id ": " xxxxx" }

File upload success, but file is broken by some reasons.

NAS will remove upload file.

{ "status": 7, " upload_id ": " xxxxx" }

File write fail.

NAS will NOT remove upload file.

{ "status": 9, " upload_id ": " xxxxx" }

Invalid file name.

NAS will NOT remove upload file.

{ "status": 12, " upload_id ": " xxxxx" }

Share Link DB(* for QTS 4.5 and Later)

Get Share Link DB(* for QTS 4.5 and Later)

Description:

Get share link db function.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_share_link_db

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi??&func=get_share_link_db&sid=j2m rzkuk0cr5i44wgc0z848hd0ww14ta

Return value: { "status": 1, "result": "\/share\/CACHEDEV1_DATA\/Public\/share_link.db" }

Set Share Link DB(* for QTS 4.5 and Later)

Description:

Set share link db file path function.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=set_share_link_db&force_del ete=${force_delete}

Variable	Description
${force_delete}	*1*:Force delete original db. *0*:ignore

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi??&func=set_share_link_db&sid=j2m rzkuk0cr5i44wgc0z848hd0ww14ta&force_delete=1

Return value: { "version": "5.2.0", "build": "20170807", "status": 1, "success": "true" }

Get Recycle Bin Tree

Description':

Get recycle bin tree list. *for QTS 4.0 and later

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_tree&sid=${sid}&node= recycle_root

Variable	Description
${node}	Recycle Bin node name (${node}=recycle_root)

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=copy&sid=xxxx&node=recycle_root

Return value:

Success:

[{ "text": "Download", "id": "\/share\/HDA_DATA\/Download", "cls": "w", "draggable": 0 },

{ "text": "Multimedia", "id": "\/share\/HDA_DATA\/Multimedia", "cls": "w", "draggable": 0 },

{ "text": "Public", "id": "\/share\/HDA_DATA\/Public", "cls": "w", "draggable": 0 }]

Failure:

Recycle Bin option not enable.

{ "status": 16, "success": "true" }

Recycle Bin Recovery

Description':

Recycle bin recovery.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=trash_recovery&sid=${sid}&source_path=
${source_path}&source_total=${source_total}&mode=${mode}&source_file=${source_file} ...

Variable	Description
${source_file}	Name of the copied file/folder
${source_total}	Total number of the recovery trash files
${source_path}	Source path of the trash
${mode}	*1*: skip, *0*: overwrite
${source_file}	trash file
${source_file}	….

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func= trash_recovery &sid=xxxx&source_path=/Download/@Recycle/testPath&source_total=2&source_path= /Download/@Recycle/testPath &mode=1&source_file=txt.txt&source_file=1.jpg

Recovery a file/folder named "txt.txt and 1.jpg" from trash foldder to / Download/testPath. If the same file exists on the destination, do nothing.

Return value:

Success:

{ "status": 1, "pid": 11654 }

Failure:

Recovery fail.

{ "status": 0, "success": "true" }

Cancel Recycle Bin Recovery

Description':

Cancel recycle bin recovery process.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=cancel_trash_recovery&sid=${sid}&pid=${pid}

Variable	Description
${pid}	Pid of the recycle bin recovery process

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=cancel_trash_recovery&sid=xxxx&pid=29690

Cancel the recycle bin recovery process which the pid is 29690.

Return value:

Success:

{ "status": 1, "success": "true" }

Failure:

{ "status": 0, "success": "true" }

Clean Recycle Bin

Description':

Clean recycle bin folder all files.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=delete&sid=${sid}&path=${path}&file_name=${filen_name}

Variable	Description
${path}	The path folder name of recycle bin
${file_name}	Same as the value ${path}

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=delete&sid=xxxx&path=/Download/@Recycle&file_name=/Download/@Recycle

Clean the folder path "/Download/@Recycle".

Return value:

Success:

{ "status": 1, "success": "true" }

Fail:

Permission deny

{ "status": 4, "success": "true" }

Get Recycle Bin Status

Description:

Check recycle bin enable or not.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_recycle_bin_status

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_recycle_bin_status

Return value:

Success:

{"recycle_bin_enable": 1}

Empty All Recycle Bin (for v4.4.1 or later)

Description:

Empty all of garbage in the recycle bin.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=empty_trash&sid=${sid}

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=empty_trash&sid=${sid}

Return value:

Success:

{ "version": "5.2.0", "build": "20171211", "status": 1, "have_readonly": 1 }

Media Library Transcode

Media Library Transcode Queue Add(File / Folder)

Description:

The media library transcode queue add transcode.

Command':

http://IP:8080/utilRequest.cgi?sid=${sid}&func=video_ml_queue&op=${op}&subop=${subop}&mask=${mask}&path=${path}&total=${total}&filename=${filename}&rotate_angle=${rotate_angle}

Variable	Description
${op}	*3*:add transcoding queue
${subop}	*0:* append(default) *1:* preemptive
${mask}	*7*:default (transcode 240,360,720 format) media transcode *1*:240 format transcode only *2*:360 format transcode only *4*:720 format transcode only *8*:480 format transcode only *16*:1080 format transcode only

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${total}	The amount of filenames.
${path}	The opration path name.
${filename}	filename
${rotate_angle}	rotate_angle = *90* | *180* | *270* (v4.5.0 or later)

Example: Add files

http://IP:8080/utilRequest.cgi?sid=XXXXXXX&func=video_ml_queue&op=3&path=/Download/test&total=2&filename=Dream1.mp4&filename=test.mp4&mask=31

Example: Add Folder

http://IP:8080/utilRequest.cgi?sid=XXXXXXX&func=video_ml_queue&op=3&path=/Download/test&total=1&filename=testFolder&mask=31

Return value:

SUCCESS:

{ "status": 1, "pid": "22373" }

Response field:

Field	Description
status	*1* : success.
pid	Process ID.

Delete Transcode(File / Folder)

Description:

The media library transcode queue delete transcode.

Command':

http://IP:8080/utilRequest.cgi?sid=${sid}&func=delete_transcode&mode=${mode}&path=${path}&file_total=${file_total}&file_name=${file_name}

Variable	Description
${mode}	*1*: IMAGE 2: Video *3*: ALL
${path}	Path
${file_total}	The amount of filenames.
${file_name}	file name

Example: Delete file

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?&func=delete_transcode&path=/Download/teat&file_name=aa.mp4&file_total=1&mode=2&sid=rqparnhu

Example: Delete Folder

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?&func=delete_transcode&path=%2FDownload&file_name=testFolder&file_total=1&mode=2&sid=rqparnhu

Return value:

SUCCESS:

{ "status": 1, "pid": "22373" }

Fail:

Permission deny

{ "status": 4, "success": "true" }

Response field:

Field	Description
status	*1* : success.
pid	Process ID.

Cancel Transcode

Description:

Cancel transcoding process.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=cancel_transcode&sid=${sid}&pid=${pid}

Variable	Description
${pid}	Video transcoding process id.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=cancel_transcode&sid=xxxx&pid=2450

Return value:

Success:

{ "status": 1, "success": "true" }

Fail:

{ "status": 0, "success": "true" }

Get Transcoding Status

Description:

Get transcoding status.

Command':

http://IP:8080/utilRequest.cgi?sid=${sid}&func=get_video_qstatus&pid=${pid}

Variable	Description
${pid}	Process ID.

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?&func=get_video_qstatus&pid=20246&sid=rqparnhu

Return value:

SUCCESS:

{ "status": 1, "success": "true" }

RUNNING:

{ "status": 1, "filename": "bb.flv", "running": 1 }

Transcode Folder Monitoring

Description:

Set transcode folder monitoing.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=video_folder_monitor&op=${op}&mask=${mask}&path=${path}&total=${total}&filename=${filename}

Variable	Description

${op}	3 : add
	4 : update
	5 : delete
${mask}	Same as Media Library Transcode Add ${mask}.
${path}	Path.
${total}	Total number of files.
${filename}	File name.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=cancel_transcode&sid=xxxx&pid=2450

Return value:

Success:

{ "status": 1, "success": "true" }

Get NAS QTranscode (* for QTS 4.1 and later)

Description:

HW transcode support or not.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=hwts&sid=${sid}

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?&func=hwts&sid=rqparnhu

Return value:

{ "medialibHWTS": 0, "QTranscode": 0, "mmCodex": 1, "hdStationSupport": 1 }

Response field:

Field	Description
medialibHWTS	Hardware (video) transcoding support or not. *1*: support *0*: not support
QTranscode	Installed Codex Pack (QTranscode) qpkg or not. *1*: Installed. Support Hardware (video) Transcoding. *0*: not installed
mmCodex	Multimedia Codex. *1*: installed. Support Multimedia(video/ audio) Transcoding. *0*: not installed
hdStationSupport	Support to install HD Station or not *1*: supported. *0*: not supported

Stat Transcode Config Setting (* for QTS 4.1 and later)

Description:

Stat trnascode config setting.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=stat&detail=1&sid=${sid}&path=${path}&file_total=${file_total}&file_name=${file_name}

Variable	Description
${path}	Path.
${file_total}	The total file number.
${file_name}	File name.

Example:

Return value:

{ "medialib": 1, "total": 1, "acl": 1, "is_acl_enable": 0, "is_winacl_support": 1, "is_winacl_enable": 0, "rtt_support": 1, "medialib_enable": 1, "datas": [{ "filename": "teat", "isfolder": 1, "filesize": "4096", "group": "administrators", "owner": "admin", "iscommpressed": 0, "privilege": "777", "filetype": 0, "mt": "2013\/10\/14 15:30:58", "epochmt": 1381735858, "qbox_type": 0, "qbox_share_id_status": 0, "qbox_share_id": "", "versioning_support": 0, "exist": 1, "mp4_240": 0, "mp4_360": 0, "mp4_720": 0, "mp4_480": 0, "mp4_1080": 0, "trans": 0, "play": 0, "trans_240": 1, "trans_360": 1, "trans_720": 1, "trans_480": 1, "trans_1080": 1 }] }

Response field:

Field	Description
trans_240	*1 / 0.* *1* : 240 had been set *0* : not
trans_360	*1 / 0.* *1* : 360 had been set *0* : not

trans_720	*1 / 0.* *1* : 720 had been set *0* : not
trans_480	*1 / 0.* *1* : 480 had been set *0* : not
trans_1080	*1 / 0.* *1* : 1080 had been set *0* : not
Others same as stat function.	

Video Transcode Estimation (* for QTS 4.1 and later)

Description:

Show the contents of transcoding jobs and media server transcode limitation(on-the-fly).

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=est_transcode&subfunc=dryrun&mask=${mask}&sid=${sid}&path=${path}&filename=${filename}

Variable	Description

${func}	est_transcode
${subfunc}	dryrun
${mask}	mask : 1 / 2 / 4 / 8 / 16 1 : 240p 2 : 360p 4 : 720p 8 : 480p 16 : 1080p
${path}	Source file path.
${filename}	Source file name.

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?func=est_transcode&mask=2&sid=${sid}&path=/Multimedia/Video&filename=test.avi

Return value:

{ "est": 0, "cnt": 1, "datas": [{ "pid": 31052, "ip": "172.17.20.60", "username": "admin", "tag": "File Station", "resolution": "624x352\n" }] }

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?func=est_transcode&subfunc=dryrun&sid=${sid}&path=/Multimedia/Video&filename=test.avi

Return value:

{ "decode": 0, "encode": 0, "remux": 31, "availTrans": 31, "largeOutput": 0 }

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Response field:

Field	Description
est	estimation status :*0 / 1 / 2* 0 : It can add transcode job. 1 : Some error occur. (ex: file does not exist ...) 2 : Cannot add transcode file any more.
cnt	Count number
pid	Process id.
ip	Client IP address
username	User name
tag	Tag name
resolution	Output format
decode	value = *0	1*
encode	value = *0	1*
remux	reserved

availTrans	value = *1 ~ 31* (if the bit ON then it meassns it will transcode availably) *1* : 240p *2* : 360p *4* : 720p *8* : 480p *16* : 1080p
largeOutput	value = *1 ~ 31* (if the bit ON then it meassns the trnascoded file size large than original source file) *1* : 240p *2* : 360p *4* : 720p *8* : 480p *16* : 1080p

Kill Transcode Task(admin only) (* for QTS 4.1 and later)

Description:

Kill transcode task.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=kill_transcode&sid=${sid}&pid=${pid}

Variable	**Description**

${func}	*kill_transcode*
${pid}	Process id

Example:

http://172.17.20.92:8080/cgi-bin/filemanager/utilRequest.cgi?&func=kill_transcode&sid=raqparnhu&pid=8105

Return value:

Success:

{ "status": 1, "success": "true" }

DLNA

List Renders

Description:

Lists available renderers.

Command':

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ukdmwo6&op=1

Variable	Description
${op}	*1*:lists available renders

Example: List abailable resnders.

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ukdmwo6&op=1

Return value:

{

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```
"status": "0",
 "deviceCount": 5,
 "devices": [
    {
       "device": {
          "deviceName": "RTK_DEV",
          "deviceId": "uuid:aef72125-d81a-4678-959f-fc95a4dcf862",
          "ip": "172.17.20.118",
          "type": "video,photo,audio",
          "maxVolume": "100",
          "mac": "00:08:9b:ee:83:4c",
          "deviceType": "DLNA",
          "active": "false",
          "playerStatus": ""
       }
    },
    {
       "device": {
          "deviceName": "Jamin's Kodi",
          "deviceId": "uuid:a6544aa2-fa72-abfa-266f-6e3bb36e16b2",
          "ip": "172.17.20.18",
          "type": "video,photo,audio",
          "maxVolume": "100",
          "mac": "00:25:11:86:92:a1",
          "deviceType": "DLNA",
          "active": "false",
          "playerStatus": ""
       }
    },
    {
       "device": {
          "deviceName": "XBMC (PeterLaiMac0225-Pro.local)",
          "deviceId": "uuid:82a9c076-9b66-da49-798e-e12e4e3bdba6",
          "ip": "172.17.20.173",
          "type": "video,photo,audio",
          "maxVolume": "100",
          "mac": "a8:20:66:2a:90:ca",
```

```json
        "deviceType": "DLNA",
        "active": "false",
        "playerStatus": ""
      }
    },
    {
      "device": {
        "deviceId": "a820662a90ca",
        "deviceName": "XBMC (PeterLaiMac0225-Pro.local)",
        "type": "video,photo",
        "ip": "172.17.20.173",
        "mac": "a8:20:66:2a:90:ca",
        "protovers": "101.28",
        "model": "Xbmc,1",
        "deviceType": "AirPlay",
        "active": "false",
        "playerStatus": ""
      }
    },
    {
      "device": {
        "deviceId": "0025118692a1",
        "deviceName": "Jamin's Kodi",
        "type": "video,photo",
        "ip": "172.17.20.18",
        "mac": "00:25:11:86:92:a1",
        "protovers": "101.28",
        "model": "Xbmc,1",
        "deviceType": "AirPlay",
        "active": "false",
        "playerStatus": ""
      }
    }
  ]

}
```

List Player Title Contents

Description:

List player title contents.

Command':

http://IP:8080/utilRequest.cgi?func=qrpac&sid=${sid}&op=3&title=${title}&p={page}&c={count}

Variable	Description
${op}	*3* : list player title contents
${title}	title
${p}	page
${c}	count

Example: List player title contents.

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=3&title=uuid:82a9c076-9b66-da49-798e-e12e4e3bdba61427186929&p=0&c=2

Return value:

{"status":"0","itemCount":2,"items":[{"item":{"playlistID":"9","uuid":"17","mediaType":"audio","contentType":"file","content":"\/share\/CACHEDEV3_DATA\/music\/Music\/AtLast.mp3","upnpID":"N\/A","orderNum":"0"}},{"item":{"playlistID":"9","uuid":"18","mediaType":"audio","contentType":"file","content":"\/share\/CACHEDEV3_DATA\/music\/Music\/BadBoy.mp3","upnpID":"N\/A","orderNum":"1"}}]}

Get Player Status

Description:

Get Player Status.

Command':

http://IP:8080/utilRequest.cgi?func=qrpac&sid=${sid}&op=4&deviceId=${deviceId}

Variable	Description
${op}	*4* : get player status
${deviceId}	device ID

Example: Get player status.

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=4&deviceId=uuid:82a9c076-9b66-da49-798e-e12e4e3bdba6

Return value:

{ "version": "4.2.1", "build": "20150323", "status": 1, "response":
"{\"status\":\"0\",\"deviceName\":\"XBMC
(PeterLaiMac0225-Pro.local)\",\"playerType\":\"video,music,photo\",\"playerState\":\"STOP\",\"pla
yMode\":\"NORMAL\",\"playlistTitle\":\"uuid:82a9c076-9b66-da49-798e-e12e4e3bdba614271869
29\",\"appType\":\"FileStation\",\"trackType\":\"audio\",\"trackContentType\":\"file\",\"trackContent\":
\"\\\/share\\\/CACHEDEV3_DATA\\\/music\\\/Music\\\/BadBoy.mp3\",\"currTrack\":\"2\",\"totalTracks
\":\"2\",\"currTime\":\"00:00:00\",\"totalTime\":\"00:00:00\",\"playlistOwner\":\"admin\",\"playlistTag\":
\"FileStation\",\"volume\":\"100\",\"mute\":\"off\"}" }

Play

Description:

Play.

Command':

http://IP:8080/utilRequest.cgi?func=qrpac&sid=${sid}&op=5&deviceId=${deviceId}&filecount=${filecount}&path=${path}&filename=${filename}&${filename}...

Variable	Description
${op}	*5* : play
${deviceId}	device ID
${path}	path
${filecount}	file counter
${filename}	file name

Example: Play music.

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=5&deviceId=uuid:82a9c076-9b66-da49-798e-e12e4e3bdba6&filecount=2&path=/music/Music&filename=AtLast.mp3&filename=BadBoy.mp3

Return value:

{ "version": "4.2.1", "build": "20150323", "status": 1, "title": "uuid:82a9c076-9b66-da49-798e-e12e4e3bdba61427184651" }

Stop

Description:

Stop.

Command':

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=6&deviceId=${deviceId}

Variable	Description

${op}	*6* : stop
${deviceId}	device ID

Example: Stop.

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=6&deviceId=uuid:82a9c076-9b66-da49-798e-e12e4e3bdba6

Return value:

{ "version": "4.2.1", "build": "20150323", "status": 1, "title": "uuid:82a9c076-9b66-da49-798e-e12e4e3bdba61427185395" }

Pause

Description:

Pause.

Command':

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=7&deviceId=${deviceId}

Variable	Description
${op}	*7* : pause
${deviceId}	device ID

Example: Pause then paly.

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http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=7&deviceId=uuid:82a9c076-9b66-da49-798e-e12e4e3bdba6

Return value: { "version": "4.2.1", "build": "20150323", "status": 1, "response": "{\"status\":\"0\"}" }

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=5&deviceId=uuid:82a9c076-9b66-da49-798e-e12e4e3bdba6

Return value: { "version": "4.2.1", "build": "20150323", "status": 1, "response": "{\"status\":\"0\"}" }

Next

Description:

Next.

Command':

http://IP:8080/utilRequest.cgi?func=qrpac&sid=${sid}&op=8&deviceId=${deviceId}

Variable	Description
${op}	*8* : next
${deviceId}	device ID

Example: Stop.

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=8&deviceId=uuid:82a9c076-9b66-da49-798e-e12e4e3bdba6

Return value:

{ "version": "4.2.1", "build": "20150323", "status": 1, "response": "{\"status\":\"0\"}" }

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Previous

Description:

Previous.

Command':

http://IP:8080/utilRequest.cgi?func=qrpac&sid=${sid}&op=9&deviceId=${deviceId}

Variable	Description
${op}	*9* : previous
${deviceId}	device ID

Example: Stop.

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=9&deviceId=uuid:82a9c076-9b66-da49-798e-e12e4e3bdba6

Return value:

{ "version": "4.2.1", "build": "20150323", "status": 1, "response": "{\"status\":\"0\"}" }

Seek

Description:

Seek.

Command':

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=11&deviceId=${deviceId}&ss=${ss}

Variable	Description

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${op}	*11* : get vloume values
${deviceId}	device ID
${ss}	start seconds

Example: Get volume values

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=11&deviceId=uuid:82a9c076-9b66 -da49-798e-e12e4e3bdba6&ss=100

Return value:

{ "version": "4.2.1", "build": "20150323", "status": 1, "response": "{\"status\":\"0\",\"volume\":\"100\"}

Get Volume Values

Description:

Get volume values.

Command':

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=11&deviceId=${deviceId}

Variable	Description
${op}	*11* : get vloume values
${deviceId}	device ID

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Example: Get volume values

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=11&deviceId=uuid:82a9c076-9b66-da49-798e-e12e4e3bdba6

Return value:

{ "version": "4.2.1", "build": "20150323", "status": 1, "response":
"{\"status\":\"0\",\"volume\":\"100\"}

Set Volume Values

Description:

Set volume values.

Command':

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=15&volume={volume}&deviceId=${deviceId}

Variable	Description
${op}	*15* : set vloume values
${deviceId}	device ID
${volume}	volume (1 ~ 100)

Example: Set volume values

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=15&volume=50&deviceId=uuid:82a9c076-9b66-da49-798e-e12e4e3bdba6

Return value:

{ "version": "4.2.1", "build": "20150323", "status": 1, "response":
"{\"status\":\"0\",\"volume\":\"100\"}

Set Mute

Description:

Set mute.

Command':

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=14&deviceId=${deviceId}

Variable	Description
${op}	*14* : set mute
${deviceId}	device ID

Example: Get volume values

http://IP:8080/utilRequest.cgi?func=qrpac&sid=2ndpahu2&op=14&deviceId=uuid:82a9c076-9b66-da49-798e-e12e4e3bdba6

Return value:

{"status":"0"}

Subtitle (* for QTS 4.1.2 and Later)

Get Media More informations

Description:

Check media file subtile(See **File Status**: Get Media File More Infomations Chapter).

Get Subtitle List

Description:

Get media file subtile list.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=subtitle&subfunc=${subfunc}&sid=${sid}&index=${index}&path=${path}&file_name=${file_name}

Variable	Description
${subfunc}	*list*.
${path}	Folder path.
${index}	Default value is *0*. (*0*:for all, *1*:for srt, ...)
${file_name}	file name.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=subtitle&subfunc=list&sid=xxxx&path=/Public&file_total=2&file_name=folder_name&file_name=file_name

Return value:

Success:

{ "count": 1, "datas": [{ "name": "frozen.2013.1080p.bluray.x264-sparks.srt", "m_time": "1418955524" }] }

Fail:

Permission deny

{ "status": 4, "success": "true" }

Get Subtitle

SUBJECT TO CHANGE WITHOUT NOTICE

Description:

Get media subtitle.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=subtitle&sid=${sid}&index=${index}&offset=${offset}&path=${path}&file_name=${file_name}

Variable	Description
${path}	Folder path.
${index}	Default value is *0*. (*0*:for all, *1*:for srt, ...).
${offset}	Offset.(microsecond)
${path}	Folder path.
${file_name}	file name.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=subtitle&sid=xxxx&index=0&offset=790040&path=/Public&file_name=file_name

Return value:

Return a file.

Daemon (* for QTS 4.1 and Later)

Daemon List

Description:

Get daemon list for daemon process of file station.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=daemon_list&subfunc=${subfunc}&type=${type}&user=${user}&pid=${pid}&status=${status}

Variable	Description
${subfunc}	Daemon function(*list / delete*). *list :* the daemon list *delete* : delete the specified of daemon list
${type}	Filter for type *0*:all, *10*:copy and move, *11*:copy, *12*:move, *19*:not copy and move, *20*:compress and uncompress, *21*:compress, 22:uncompress *30*: watermark and rotate(about photo), *31*:wartermark, *32*:rotate, *33*:encrypt, *34*:decrypt,

	35:cloud convert,
	41:add transcode,
	42:delete transcode,
	100:qham all,
	101:qham retrieve,
	102:qham archieve
${user}	Filter for the specified user.(default is login user).
${pid}	Filter for the specified task_id(for subfunc=delete only).
${status}	Filter for status.
	0:prepare
	1:running,
	2:completed,
	4:error,

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=XXXXXXXX&func=daemon_list&subfunc=list

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=XXXXXXXX&func=daemon_list&subfunc=list&type=3&user=admin&status=3

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=daemon_list&sid=XXXXXXXX&subfunc=delete&pid=14954

Return value:

FAIL:

       { "status": 0, "success": "true" }

```
{ "total": 1, "datas":
        [ { "pid": 28536,
         "from": "\/Download\/test\/test_file",
         "to": "\/Download\/test\/test_file",
         "filename": "0001",
        "copying": 0,
         "percent": 10,
         "user": "admin",
         "start_time": 1371111282,
         "end_time": 1371111282 } ]
        }
```

Response field:

Field	Description
total	The total number of lists.
pid	The process id.
from	The source path.
to	The destination path
tsize	The total size of files.
tnum	The total number of files.
filename	The working file name.

copying	*0*: finding, *1*:running, *2*:completed, *4*:error
percent	The working percentage. "-1" means prepare status.
user	User name.
start_time	The process start time(the time since the Epoch (00:00:00 UTC, January 1, 1970), measured in seconds).
end_time	The process end time(the time since the Epoch (00:00:00 UTC, January 1, 1970), measured in seconds).

Daemon List Delete

Description:

Delete daemon process of file station.

Command':

http://IP:8080/utilRequest.cgi?sid=${sid}&func=
daemon_list&subfunc=delete&type=${type}&user=${user}&status=${status}

Variable	Description
${subfunc}	Daemon function(*list / delete*). *list :* the daemon list *delete* : delete the specified of daemon list

| ${type} | Filter for type.

0:all,

10:copy and move,

11:copy,

12:move,

19:not copy and move,

20:compress and uncompress,

21:compress,

22:uncompress

30: watermark and rotate(about photo),

31:wartermark,

32:rotate |
|---|---|
| ${user} | Filter for the specified user.(default is login user). |
| ${status} | Filter for status.

0:finding

1:copying,

2:completed,

4:error |

Example:

1: Delete data using pid.

http://IP:8080/utilRequest.cgi?sid=XXXXXXXX&func=daemon_list&subfunc=delete&pid=1628

SUBJECT TO CHANGE WITHOUT NOTICE

2:Delete the specified datas

http://IP:8080/utilRequest.cgi?sid=XXXXXXXX&func=daemon_list&subfunc=delete&type=1&user=admin&status=3

Return value:

FAIL:

{ "status": 0, "success": "true" }

or

Permission Deny:

{ "status": 4, "success": "true" }

SUCCESS:

{ "status": 1, "success": "true" }

DMC

Description:

DMC APIs. Play media files on DLNA (TV) Player.

Command':

http://IP:8080/utilRequest.cgi?sid=${sid}&func=qdmc&op=${op}&val=${val}&uuid=${uuid}&path=${path}&filename=${filename}

Variable	**Description**
${op}	*1*:discover *3*:get volume *7*:set mute *8*:set volume *16*:get player status *20*:play *22*:stop

	24: set transport URL
${val}	${op}=7: [on|off] ${op}=8: [0-100]
${uuid}	UPnP Renderer (Device) uuid, got from discovery result
${path}	folder path
${filename}	filename

Example:

http://IP:8080/utilRequest.cgi?sid=XXXXX&func=qdmc&uuid=uuid:xxxxxxxx-xxxx-xxxx-xxxx-xxxx
xxxxxxxx&op=24&path=/Multimedia/test&filename=test.mp4

Return value:

SUCCESS:

<root>

<Status>Success</Status>

</root>

Get System Setting

Description:

Get NAS system setting.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_sys_setting

Example:

http://172.17.20.83:8080/cgi-bin/filemanager/utilRequest.cgi?sid=9uqy5cry&func=get_sys_setting

Return value:

SUCCESS:

{ DLNA: 0 OkHttp: 1 QTranscode: 0 SMTPServer: "smtp.gmail.com:465" SSL: 1 SSLForce: 0 cachemount: 1 cloud_link_enable: 1 cm_status: 1 codexpack_version: "" cuid: "15af043bd894a46127e3799818264b02" date_format: 1 day: 9 delete_permanently_admins_only: 1 enable_projection_type: 1 exfat: 1 exfat_kernel_support: 0 func_bits: 6 hdStationSupport: 1 hideHF: 0 hwts: 1 is_CEPH: 0 media_streaming_add_on: 0 medialibHWTS: 1 mmCodex: 1 mmc: 1 month: 7 myqnapcloud_enable: 1 need_codexpack_standalone: 1 on_the_fly_transcode_admins_only: 1 qfiling_enable: -1 qmail: -1 qsync_version: "4.0.0" qvrpro: -1 qvrpro_home_path: "/qvrpro:home" recycle_bin_enable: 1 rtt_support: 1 share_link_allow_all_create: 1 share_nas_user: 1 show_qsync: 1 snapshot: 1 snapshot_home_path: "/snapshot:home" snapshot_support: 1 snapshot_vault_home_path: "/snapshot_vault:home" sys_version: "HAL" text_editor_build: "20210504" text_editor_enable: 1 text_editor_version: "9.9.9" thumbnail: 1 time_format: 12 transcode_server_status: 0 video_enable: 1 video_version: "5.5.4" year: 2021 }

Response field:

Field	Description
medialibHWTS	Hardware (video) transcoding support or not. *1*: support *0*: not support
QTranscode	Installed Codex Pack (QTranscode) qpkg or not. *1*: Installed. Support Hardware (video) Transcoding. *0*: not installed
mmCodex	Multimedia Codex. *1*: installed. Support Multimedia(video/ audio) Transcoding.

	0: not installed
hdStationSupport	Support to install HD Station or not *1*: supported. *0*: not supported
hideHF	Check home feature hide or not ! *1*: home feature hide *0*: home feature on
SSL	SSL enable or not *1*: enable. *0*: not enable
SSLForce	NAS server forced to use SSL connection. *1*: forecd to use. *0*: not forced to use
day	System day.
year	System year.
month	System month.
thumbnail	Check thumbnail enable or not (1:enable, 0: disable).

mmc	mmc : 1 / 0 *1*: MultimediaConsole installed. *0*: Not install MultimediaConsole or photo / video gen thumbnail CLI not exist.
share_link_allow_all_create	Check share link create privilege. (1:allow all user create, 0: otherwise).
recycle_bin_enable	Check recycle bin enable or not. (1:1:enable, 0: disable).
myqnapcloud_enable	Check myqnapcloud enable or not. (1:1:enable, 0: disable).
cloud_link_enable	Check cloud link enable or not. (1:1:enable, 0: disable).
SMTPServer	SMTP Server.
rtt_support	Check real time transcode support enable or not. (1:1:enable, 0: disable).
codexpack_version	codexpack version information.(for version 4.2.1 or later)
need_codexpack_standalone	*1*: 表示要顯示新的提示安裝字串: To speed up the transcoding process, please go to the App Center and install the CodexPack application. CodexPack 改連到App Center 開啟CodexPack安裝. *0*: otherwise (* for version 4.2.1 or later)

share_nas_user	NAS normal user can use share link function or not. (1:YES, 0:NO).
delete_permanently_admins_only	opton : delete_permanently_admins_only(1 / 0)(for version 4.2.1 or later) *1*: delete permanently for adminstrators group only. *0*: otherwise, default value.
qmail	opton : qmail(1 / 0 / -1)(for version 4.2.2 or later) *1*: qmail enable. *0*: qmail disable. *-1*: qmail not installed.
transcode_server_status	opton : transcode_server_status(1 / 0 / -1) *1*: working(running or pause). *0*: stop. *-1*: disable.
qmail_open_url	qmail_open_url(for version 4.2.2 or later) qmail open url.
metadata_extractor_enable	opton : metadata_extractor_enable(1 / 0 / -1 / -2)(for version 4.3 or later) *1*: metadata extractor enable. *0*: metadata extractor disable.

	-1: metadata extractor not installed. *-2*: metadata extractor not support.
show_qsync	show_qsync or not. (1:show, 0: hide).
qsync_version	qsync version information.
enable_projection_type	enable projection type or not. (1:enable, 0: disable)(for v4.3.4 or later).
video_enable	video enable or not. (1:enable, 0: disable)(for v4.3.4 or later).
video_version	video station version(for v4.3.4 or later).
exfat	show link url or not (*1 / 0*)(for v4.3.3 or later).
snapshot	snapshot enable or not (*1 / 0*)(for v4.3.4 or later).
snapshot_home_path	snapshot relative path.
snapshot_vault_home_path	snapshot vault relative path.
func_bits	function support bit (*2* : means support 360 / *4* : means support HLS). (6=2+4 support 360 and support HLS.) (for v4.3.4 or later)
cuid	NAS cuid

qham	qham status (*1* : qham enable, *0* : qham disable)(
qham_home_path	qham home path(ex:*/qham:home*)
hbs_enable	Hibrid Backup Sync. (1:enable, 0: disable)(for v4.4.1 or later).
hbs_version	video station version(for v4.4.1 or later).
OkHttp	Support OkHttp upload method for APP mobile(for v4.5.0 or later).
cachemount	cache mount enable or not(for v4.4.1 or later).
cm_status	check cache mount ready or not(for v4.4.1 or later).
hwts	Hardware support transcode video function or not(for QTS v4.5.2 or later).

Get Storage Information

Description:

Get storage space used by shared folders.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_shared_folder_info&name=${name}&refresh=${refresh}

Variable	Description

${name}	The share folder name
${refresh}	1:Recount the used space

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_shared_folder_info&name=Download&refresh=1

Return value:

SUCCESS:

{ "count": 1, "datas": [{ "volume_id": 1, "name": "Download", "unit": "KB", "used_size": "8.00", "unit":"KB", "volume_unit":"GB", volume_free_unit":"MB", "capacity": 1805, "free_size": 1746, "volume_status": 0, "volume_encrypt": 0, "volume_lock": 0, "volume_name": "DataVol1", "raid_level": 1, "raid_disk_cnt": 2, "raid_disk_list": "1 2", "pool_id": -1, "pool_name": "--", "raid_count": 1, "raid_id1": 1, "pool_capacity": "0 Byte", "pool_status": 0, "pool_free_size": "0 Byte" }] }

Get ZFS Volume Lock Status (for v5.5.0 or later)

Description:

Get ZFS volume lock status

Command:

[http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_volume_lock_status&volume_id=${volume_id}
http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_volume_lock_status&volume_id=${volume_id}

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=func=get_volume_lock_status&volume_id=${volume_id}

Return value:

Success:

{ "version": "5.5.3", "build": "20210413", "status": 1, "enc": 1, "lock": 1 }

Response field:

Field	Description
enc	enc = 0 | 1 1 : The share folder support folder encryption function otherwise not
lock	lock = 0 | 1 | 2 | 4 0: unlocked 1: locked 2: locking 4: unlocking

Text Editor (* for QTS 4.3 and later)

View Text File

Description:

View text file according the specified codepage.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_text_file&source_path=${source_path}&source_file=${source_file}&codepage=${codepage}

Variable	Description
${source_path}	Source path of the text file
${source_file}	Text file name
${codepage}	Codepage Name (UTF-8), default is auto, to auto detect codepage

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_text_file&source_path=/Public&source_file=tmp.txt&codepage=auto

Return value:

FAIL:

File size over then 10M:

{ "status": 61, "success": "true" }

SUCCESS:

auto detect codepage:

{ "status": 1, "data": { "mtime": 1457524660, "detect_codepage": "UTF-8", "file_content": "dGVzdA==" } }

specified codepage:

{ "status": 1, "data": { "mtime": 1461078780, "file_content": "dGVzdA==" } }

Save Text File

Description:

Save text file.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=save_text_file&dest_path=${dest_path}&file_name=${file_name}&file_content=${file_content}&codepage=${codepage}&force_save=${force_save}

Variable	Description
${dest_path}	The path where text file will be saved
${file_name}	The name of text file that will be saved
${file_content}	File content that encoded with base64
${codepage}	Codepage of text file (UTF-8, BIG5)
${force_save}	1:convert to specific codepage and save even if it will concert fail.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=save_text_file&dest_path=/Public&file_name=tmp.txt&file_content=dGVzdA==&codepage=UTF-8

Return value:

SUCCESS:

{ "status": 1, "mtime": 1462867985 }

Fail:

convert to specific codepage fail:

{ "version": "", "build": "20160509", "status": 60, "success": "true" }

Remote Connection (* for QTS 4.2 and later)

Create Share

Description:

Create remote connection.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?protocol=${protocol}&type=${type}&codepage=${codepage}&remote=${remote}&user=${user}&pwd=${pwd}&folder=${folder}&thumbnail=${thumbnail}&display=${display}&q_nas=${q_nas}&secured=${secured}&anonymous=${anonymous}&func=remote_folder&subfunc=create_share&sid=${sid}

Variable	Description
${protocol}	Protocol: davfs | ftpfs | sshfs | cifs | ....
${type}	Protocol type. 0:network drive(default) 1:cloude drive
${codepage}	Code page for network drive.
${remote}	Remote host.
${user}	Remote host account.
${pwd}	Remote host base 64 encription password.
${port}	Port number.
${folder}	Remote host folder name.
${thumbnail}	Show thumbnail(default 0: donnot show thumbnail)

${dislpay}	Remote connction display show name.
${q_nas}	Is QNAP NAS server.(1 / 0) 1 : yes 0 : no
${secured}	FTP / WebDAV protocol ssl enable or not(1 / 0).
${account}	Cloud drive account. (for cloude drive)
${email}	E-mail. (for cloude drive)
${token}	token. (for cloude drive)
${anonymous}	anonymous login or not(1 / 0)

Example:

http://172.17.20.64:8080/cgi-bin/filemanager/utilRequest.cgi?protocol=cifs&remote=172.17.20.134&user=admin&pwd=Nzg5&folder=/Download&thumbnail=1&display=Download&q_nas=1&func=remote_folder&subfunc=create_share&sid=ge7gkdtj

Example:

http://172.17.20.64:8080/cgi-bin/filemanager/utilRequest.cgi?type=1&protocol=googledrive&overwrite=1&email=peterlai@qnap.com&token=tQHYQCbWEtMEMmU4bUi1SVimP1&account=peterlai@qnap.com&thumbnail=0&display=GoogleDrive(peterlai@qnap.com)&func=remote_folder&subfunc=create_share&sid=qloickb5

Return Value:

SUCCESS:

{ "version": "4.2", "build": "20180813", "status": 1, "success": "true" }

FAIL:

Exceed maximum remote connection limitation 256 :

{ "version": "4.2", "build": "20140711", "status": 37, "success": "true" }

Mount fail :

{ "version": "4.2", "build": "20140711", "status": 39, "success": "true" }

Account/password error :

{ "version": "4.2", "build": "20140711", "status": 40, "success": "true" }

Update

Description:

Update remote folder.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?protocol=${protocol}&codepage=${codepage}&remote=${remote}&user=${user}&pwd=${pwd}&folder=${folder}&thumbnail=${thumbnail}&display=${display}&uuid=${uuid}&q_nas=${q_nas}&anonymous=${anonymous}&func=remote_folder&subfunc=modify_share&sid=${sid}

Variable	Description
${protocol}	Protocol: davfs | ftpfs | sshfs | cifs | ....
${codepage}	Code page for network drive.
${remote}	Remote host.
${user}	Remote host account.

${pwd}	Remote host base 64 encription password.
${port}	Port number.
${folder}	Remote host folder name.
${thumbnail}	Check thumb folder
${dislpay}	Remote connction display show name.
${uuid}	Remote connnection unique id.
${q_nas}	Is QNAP NAS server.(1 / 0) 1 : yes 0 : no
${anonymous}	anonymous login or not(1 / 0).

Example:

http://172.17.20.64:8080/cgi-bin/filemanager/utilRequest.cgi?protocol=cifs&remote=172.17.20.134&user=admin&pwd=Nzg5&folder=/Download&thumbnail=1&display=Download&uuid=02089d957299393bfbb17048779233babc5021f2&q_nas=1&func=remote_folder&subfunc=create_share&sid=ge7gkdtj

Return Value:

SUCCESS:

{ "version": "4.2", "build": "20180813", "status": 1, "success": "true" }

Mount

SUBJECT TO CHANGE WITHOUT NOTICE

Description:

Mount share.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=mount_share&uuid=${uuid}

Variable	Description
${uuid}	Share folder unique id.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=mount_share&uuid=02089d957299393bfbb17048779233babc5021f2

Return value:

SUCCESS:

{ "version": "4.2", "build": "20150731", "status": 1, "success": "true" }

Unmount

Description:

Unmount share.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=umount_share&uuid=${uuid}&owner_name=${owner_name}

Variable	Description
${owner_name}	Share folder owner.
${uuid}	Share folder unique id.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=umount_share&owner_name=admin&uuid=02089d957299393bfbb17048779233babc5021f2

Return value:

SUCCESS:

{ "version": "4.2", "build": "20150731", "status": 1, "success": "true" }

Delete Share

Description:

Delete share.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=delete_share&uuid=${uuid}&owner_name=${owner_name}

Variable	Description
${owner_name}	share folder owner

${uuid}	share folder unique id

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=delete_share&owner_name=admin&uuid=02089d957299393bfbb17048779233babc5021f2

Return value:

SUCCESS:

{ "version": "4.2", "build": "20150731", "status": 1, "success": "true" }

Cloud Drive List

Description:

Get remote connection cloud drive list.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=cloud_drive_list

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=cloud_drive_list

Return value:

SUCCESS:

{"count":6,"datas":[

    {

```
        "protocol":"onedrive",

        "name":"Microsoft OneDrive",

        "icon":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/onedrive_50.png",

        "icon_16":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/onedrive_16.png",

        "icon_50":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/onedrive_50.png",

        "auth_url":"https:\/\/connector.myqnapcloud.com\/oauth2\/connect?
app_id=P5b5rWaBBqeAghWWCvnUCfca&provider=onedrive&scope=&cb=http:\/\/<n
as_ip>:<port>\/cgi-bin\/qpkg\/CloudDrive\/account_info.cgi?provider=one
drive"

    },



    {

        "protocol":"googledrive",

        "name":"GoogleDrive",

        "icon":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/googledrive_50.png",


"icon_16":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/googledrive_16.png",


"icon_50":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/googledrive_50.png",

        "auth_url":"https:\/\/connector.myqnapcloud.com\/oauth2\/connect?
app_id=P5b5rWaBBqeAghWWCvnUCfca&provider=googledrive&scope=&cb=http:\/\
/<nas_ip>:<port>\/cgi-bin\/qpkg\/CloudDrive\/account_info.cgi?provider=
googledrive"

    },



    {

        "protocol":"dropbox",

        "name":"Dropbox",

        "icon":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/dropbox_50.png",

        "icon_16":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/dropbox_16.png",

        "icon_50":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/dropbox_50.png",


"auth_url":"https:\/\/connector.myqnapcloud.com\/oauth2\/connect?app_id
=P5b5rWaBBqeAghWWCvnUCfca&provider=dropbox&scope=&cb=http:\/\/<nas_ip>:
<port>\/cgi-bin\/qpkg\/CloudDrive\/account_info.cgi?  provider=dropbox"

    },
```

```
    {

      "protocol":"amazonclouddrive",

      "name":"Amazon Cloud Drive",

"icon":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/amazonclouddrive_50.png",

"icon_16":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/amazonclouddrive_16.png"
,

"icon_50":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/amazonclouddrive_50.png"
,

"auth_url":"https:\/\/connector.myqnapcloud.com\/oauth2\/connect?app_id
=P5b5rWaBBqeAghWWCvnUCfca&provider=amazonclouddrive&scope=&cb=http:\/\/
<nas_ip>:<port>\/cgi-bin\/qpkg\/CloudDrive\/account_info.cgi?provider=a
mazonclouddrive"
    },




    {

      "protocol":"yandex",

      "name":"Yandex Disk",

      "icon":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/yandex_50.png",

      "icon_16":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/yandex_16.png",

      "icon_50":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/yandex_50.png",

"auth_url":"https:\/\/connector.myqnapcloud.com\/oauth2\/connect?app_id
=P5b5rWaBBqeAghWWCvnUCfca&provider=yandex&scope=&cb=http:\/\/<nas_ip>:<
port>\/cgi-bin\/qpkg\/CloudDrive\/account_info.cgi?provider=yandex"
    },




    {

      "protocol":"box",

      "name":"Box",

      "icon":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/box_50.png",

      "icon_16":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/box_16.png",

      "icon_50":"\/cgi-bin\/qpkg\/CloudDrive\/icons\/box_50.png",

"auth_url":"https:\/\/connector.myqnapcloud.com\/oauth2\/connect?app_id
```

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```
=P5b5rWaBBqeAghWWCvnUCfca&provider=box&scope=&cb=http:\/\/<nas_ip>:<por
t>\/cgi-bin\/qpkg\/CloudDrive\/account_info.cgi?provider=box"
```

```
    }
```

]}

Get Share

Description:

Get remote connection share list.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_share&owner_name=${owner_name}

Variable	Description
${owner_name}	share folder owner

Example:(get one user)

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_share&owner_name=admin

Example:(get all user)

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_share

Return value:

SUCCESS:

{"status":1,"count":6,"datas":[

    {

        "owner_uid":0,

        "owner_name":"admin",

        "uuid":"020f9b9fb8f3282c7fa61fddc6116272adaab31c",

        "protocol":"ftpfs",

        "type":0,

        "thumbnail":0,

        "remote":"172.17.20.64:21",

        "folder":"\/alpha_remote",

        "user":"admin",

        "codepage":"UTF-8",

        "secured":0,

        "q_nas":1,

        "display":"alpha_remote (admin@NASD4C720)",

        "connect_status":1,

        "creation_time":"2015\/08\/05 10:43:22",

        "last_umount":"--",

        "anonymous":0,

        "uri":"\/remote:0@020f9b9fb8f3282c7fa61fddc6116272adaab31c"

    },

    {

        "owner_uid":0,

        "owner_name":"admin",

        "uuid":"2010eee4ac629b0e1ded78b0b760ee6f7faa9b6b",

        "protocol":"googledrive",

        "type":1,

        "thumbnail":0,

        "account":"peterlai@qnap.com",

        "email":"peterlai@qnap.com",

        "display":"GoogleDrive (peterlai@qnap.com)",

        "connect_status":1,

```
    "creation_time":"2015\/07\/13 21:09:50",

    "last_umount":"--",

    "anonymous":0,

    "uri":"\/remote:0@2010eee4ac629b0e1ded78b0b760ee6f7faa9b6b"

},


{

    "owner_uid":0,

    "owner_name":"admin",

    "uuid":"4912b78e5ea9151b2667363c36038e95ca5294d4",

    "protocol":"yandex",

    "type":1,

    "thumbnail":0,

    "account":"peterlai@yandex.com",

    "email":"peterlai@yandex.com",

    "display":"Yandex Disk (peterlai@yandex.com)",

    "connect_status":1,

    "creation_time":"2015\/07\/22 11:06:10",

    "last_umount":"--",

    "anonymous":0,

    "uri":"\/remote:0@4912b78e5ea9151b2667363c36038e95ca5294d4"

},


{

    "owner_uid":0,

    "owner_name":"admin",

    "uuid":"010d220cfa5309d735eed86c1cc05b60613c3fd7",

    "protocol":"davfs",

    "type":0,

    "thumbnail":0,

    "remote":"172.17.20.98:80",

    "folder":"\/Download",

    "user":"admin",

    "codepage":"",

    "secured":0,
```

```
    "q_nas":1,

    "display":"Download (admin@PeterLai-559)",

    "connect_status":1,

    "creation_time":"2015\/07\/29 18:28:58",

    "last_umount":"2015\/07\/30 09:39:39",

    "anonymous":0,

    "uri":"\/remote:0@010d220cfa5309d735eed86c1cc05b60613c3fd7"

},


{

    "owner_uid":0,

    "owner_name":"admin",

    "uuid":"0202e44df85aa0556b6085a4f2ca21ca80e1d751",

    "protocol":"ftpfs",

    "type":0,

    "thumbnail":0,

    "remote":"172.17.20.134:21",

    "folder":"\/Download",

    "user":"admin",

    "codepage":"UTF-8",

    "secured":0,

    "q_nas":1,

    "display":"Download (admin@peter421)",

    "connect_status":1,

    "creation_time":"2015\/08\/05 10:43:23",

    "last_umount":"2015\/08\/04 21:08:16",

    "anonymous":0,

    "uri":"\/remote:0@0202e44df85aa0556b6085a4f2ca21ca80e1d751"

},


{

    "owner_uid":0,

    "owner_name":"admin",

    "uuid":"04079cb2fa3c96c821b9435ff27156b27655a9fd",

    "protocol":"cifs",
```

```
    "type":0,

    "thumbnail":1,

    "remote":"172.17.20.65",

    "folder":"\/Download",

    "user":"admin",

    "codepage":"",

    "secured":0,

    "q_nas":1,

    "display":"Download (admin@peter412)",

    "connect_status":1,

    "creation_time":"2015\/08\/03 15:00:56",

    "last_umount":"2015\/08\/04 21:08:16",

    "anonymous":0,

    "uri":"\/remote:0@04079cb2fa3c96c821b9435ff27156b27655a9fd"

  }

]}
```

Discover

Description:

Discoverd the QNAP NAS servers in the neighborhood.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=discover&timeout={$timeout}

Variable	Description
${timeout}	Discover timeout(unit:second)(Default value : 10 seconds)

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Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=discover

Return value:

SUCCESS:

{"status":1,"count":6,"datas":[

```
    {
        "service_name": "Bill-TS8701x64",
        "ip": "10.17.169.163",
        "mac_address": "00:08:9b:db:52:e7",
        "port": 8080,
        "access_type": "https",
        "access_port": 443,
        "model": "TS-870",
        "display_model": "TS-870 Pro",
        "fwver": "4.3.5",
        "fwbuildnum": "20180205",
        "sn": "",
        "mycloudnas_name": "Bill163TS870.myqnapcloud.com",
        "mycloudnas_domain": "",
        "if_speed": 3
    },
    ........
```

]}

Get Remote NAS Information

Description:

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Get remote QNAP NAS information.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_remote_nas_info

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_remote_nas_info

Return value:

SUCCESS:

```xml
<?xml version="1.0" encoding="UTF-8" ?> <QDocRoot version="1.0">
    <doQuick>
        <![CDATA[]]>
    </doQuick>
    <is_booting>
        <![CDATA[0]]>
    </is_booting>
    <mediaReady>
        <![CDATA[1]]>
    </mediaReady>
    <SMBFW>
        <![CDATA[0]]>
    </SMBFW>
    <model>
        <modelName>
            <![CDATA[TS-559]]>
        </modelName>
        <internalModelName>
            <![CDATA[TS-559]]>
        </internalModelName>
        <platform>
            <![CDATA[TS-NASX86]]>
```

```xml
        </platform>
        <customModelName>
            <![CDATA[]]>
        </customModelName>
        <displayModelName>
            <![CDATA[TS-559]]>
        </displayModelName>
        <storage_v2>0</storage_v2>
    </model>
    <firmware>
        <version>
            <![CDATA[4.2.0]]>
        </version>
        <build>
            <![CDATA[20150713]]>
        </build>
        <patch>
            <![CDATA[0]]>
        </patch>
        <buildTime>
            <![CDATA[2015/07/13]]>
        </buildTime>
    </firmware>
    <specVersion>
        <![CDATA[1.0]]>
    </specVersion>
    <hostname>
        <![CDATA[PeterLai-559]]>
    </hostname>
    <DemoSiteSuppurt>
        <![CDATA[no]]>
    </DemoSiteSuppurt>
    <customLogo>
        <customFrontLogo>
            <![CDATA[]]>
        </customFrontLogo>
        <customLoginLogo>
```

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```
            <![CDATA[]]>
        </customLoginLogo>
    </customLogo>
    <HTTPHost>
        <![CDATA[172.17.20.98]]>
    </HTTPHost>
    <webAccessPort>
        <![CDATA[8080]]>
    </webAccessPort>
    <QWebPort>
        <![CDATA[80]]>
    </QWebPort>
    <webFSEnabled>
        <![CDATA[1]]>
    </webFSEnabled>
    <QMultimediaEnabled>
        <![CDATA[2]]>
    </QMultimediaEnabled>
    <MSV2Supported>
        <![CDATA[0]]>
    </MSV2Supported>
    <MSV2WebEnabled>
        <![CDATA[1]]>
    </MSV2WebEnabled>
    <MSV2URL>
        <![CDATA[/MSV2/]]>
    </MSV2URL>
    <QDownloadEnabled>
        <![CDATA[1]]>
    </QDownloadEnabled>
    <DSV2Supported>
        <![CDATA[0]]>
    </DSV2Supported>
    <DSV3Supported>
        <![CDATA[1]]>
    </DSV3Supported>
    <DSV2URL>
```

```xml
        <![CDATA[/downloadstation/?ssid=]]>
    </DSV2URL>
    <QWebEnabled>
        <![CDATA[0]]>
    </QWebEnabled>
    <QWebSSLEnabled>
        <![CDATA[0]]>
    </QWebSSLEnabled>
    <QWebSSLPort>
        <![CDATA[8081]]>
    </QWebSSLPort>
    <NVREnabled>
        <![CDATA[0]]>
    </NVREnabled>
    <NVRURL>
        <![CDATA[/cgi-bin/camera_view.cgi]]>
    </NVRURL>
    <NVRVER>
        <![CDATA[1]]>
    </NVRVER>
    <WFM2>
        <![CDATA[1]]>
    </WFM2>
    <wfmPortEnabled>
        <![CDATA[0]]>
    </wfmPortEnabled>
    <wfmPort>
        <![CDATA[8080]]>
    </wfmPort>
    <wfmSSLEnabled>
        <![CDATA[0]]>
    </wfmSSLEnabled>
    <wfmSSLPort>
        <![CDATA[443]]>
    </wfmSSLPort>
    <wfmURL>
        <![CDATA[/filestation/]]>
```

```xml
</wfmURL>
<QMusicsEnabled>
    <![CDATA[1]]>
</QMusicsEnabled>
<QMusicsURL>
    <![CDATA[/musicstation/]]>
</QMusicsURL>
<QVideosEnabled>
    <![CDATA[1]]>
</QVideosEnabled>
<QVideosURL>
    <![CDATA[/videostation/index.php]]>
</QVideosURL>
<QPhotosEnabled>
    <![CDATA[1]]>
</QPhotosEnabled>
<QPhotosURL>
    <![CDATA[/photo/]]>
</QPhotosURL>
<stunnelEnabled>
    <![CDATA[1]]>
</stunnelEnabled>
<stunnelPort>
    <![CDATA[443]]>
</stunnelPort>
<forceSSL>
    <![CDATA[0]]>
</forceSSL>
<HDAROOT_ALMOST_FULL>
    <![CDATA[0]]>
</HDAROOT_ALMOST_FULL>
<passwdConstraints>
    <passwdConstraint01>
        <![CDATA[0]]>
    </passwdConstraint01>
    <passwdConstraint02>
        <![CDATA[0]]>
```

```xml
                    </passwdConstraint02>
            <passwdConstraint03>
                    <![CDATA[0]]>
            </passwdConstraint03>
            <passwdConstraint04>
                    <![CDATA[0]]>
            </passwdConstraint04>
        </passwdConstraints>
        <ts>
            <![CDATA[78160995]]>
        </ts>
        <fwNotice>
            <![CDATA[0]]>
        </fwNotice>
        <title>
            <![CDATA[Welcome]]>
        </title>
        <content>
            <![CDATA[my story wall]]>
        </content>
        <psType>
            <![CDATA[0]]>
        </psType>
        <showVersion>
            <![CDATA[1]]>
        </showVersion>
        <show_link>
            <![CDATA[1]]>
        </show_link>


</QDocRoot>
```

Get NAS Share

Description:

Get remote QNAP NAS share folder.

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Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_nas_share&user=${user}&pwd=${pwd}&remote=${remote}&nas_port=${nas_port}&nas_protpcol=${nas_protocol}&pass_code=${pass_code}&qtoken=${qtoken}

Variable	Description
${user}	Remote QNAP NAS account.
${pwd}	Remote QNAP NAS base 64 encription password.
${remote}	Remote QNAP NAS host IP.
${nas_port}	Remote QNAP NAS port number.
${nas_protocol}	Remote QNAP NAS protocol type.
${pass_code} (for v4.3.3 or later)	Remote NAS connection pass code. (Base64 encription code)
${qtoken} (for v4.3.3 or later)	Remote NAS connection token. (Base64 encription token)

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_nas_share&user=admin&pwd=Nzg5&remote=172.17.20.98&nas_port=8080&nas_protocol=http

Return value:

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SUCCESS:

```
[
  {
      cls: "w"
      draggable: 0
      iconCls: "folder"
      id: "/Download"
      max_item_limit: 2000
      noSupportACL: 0
      real_total: 25
      recycle_bin: "enable"
      recycle_folder: "yes"
      text: "Download"
  },


  {
      cls: "w"
      draggable: 0
      iconCls: "folder"
      id: "/home"
      max_item_limit: 2000
      noSupportACL: 0
      real_total: 25
      recycle_bin: "enable"
      recycle_folder: "yes"
      text: "home"       },


  {
      cls: "w"
      draggable: 0
      iconCls: "folder"
      id: "/Multimedia"
      max_item_limit: 2000
      noSupportACL: 0
      real_total: 25
```

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```
        recycle_bin: "enable"
        recycle_folder: "yes"
        text: "Multimedia"
    },


    {
        cls: "w"
        draggable: 0
        iconCls: "folder"
        id: "/Public"
        max_item_limit: 2000
        noSupportACL: 0
        real_total: 25
        recycle_bin: "enable"
        recycle_folder: "yes"
        text: "Public"
    },


    {
        cls: "w"
        draggable: 0
        iconCls: "folder"
        id: "/Recordings"
        max_item_limit: 2000
        noSupportACL: 0
        real_total: 25
        recycle_bin: "disable"
        recycle_folder: "yes"
        text: "Recordings"
    },


    {
        cls: "w"
        draggable: 0
```

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```
    iconCls: "folder"

    id: "/Usb"

    max_item_limit: 2000

    noSupportACL: 0

    real_total: 25

    recycle_bin: "enable"

    recycle_folder: "yes"

    }


]
```

Get Remote Share History

Description:

Get remote share history.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_history

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_history

Return value:

SUCCESS:

{"status":1,"count":3,"datas":[

```
    {

    codepage: ""

    connect_status: 0

    creation_time: "2015/07/27 10:18:46"

    display: "Download (admin@peter412)"
```

```
        folder: "/Download"

        last_umount: "--"

        owner_name: "admin"

        owner_uid: 0

        protocol: "cifs"

        q_nas: 1

        remote: "172.17.20.65"

        secured: 0

        thumbnail: 1

        type: 0

        uri: "/remote:0@04014f4fdde10e3e91ae81884c5b12874611b850"

        user: "admin"

        uuid: "04014f4fdde10e3e91ae81884c5b12874611b850"

    },


    {

        codepage: "UTF-8"

        connect_status: 0

        creation_time: "2015/07/27 10:23:49"

        display: "Multimedia (admin@peter412)"

        folder: "/Multimedia"

        last_umount: "--"

        owner_name: "admin"

        owner_uid: 0

        protocol: "ftpfs"

        q_nas: 1

        remote: "172.17.20.65:21"

        secured: 0

        thumbnail: 0

        type: 0

        uri: "/remote:0@020898e74970bdd548c45f730dade349b30bbd1e"

        user: "admin"

        uuid: "020898e74970bdd548c45f730dade349b30bbd1e"

    },
```

```
    {
        codepage: ""
        connect_status: 0
        creation_time: "2015/07/27 10:24:28"
        display: "Multimedia (admin@peter412)"
        folder: "/Multimedia"
        last_umount: "--"
        owner_name: "admin"
        owner_uid: 0
        protocol: "davfs"
        q_nas: 1
        remote: "172.17.20.65:80"
        secured: 0
        thumbnail: 0
        type: 0
        uri: "/remote:0@010cf7aac5a6faac0b0d7e1735ac3791f6e44a25"
        user: "admin"
        uuid: "010cf7aac5a6faac0b0d7e1735ac3791f6e44a25"
    },
```

]}

Delete Remote Share History

Description:

Delete remote share history.

Variable	Description
${uuid}	Share folder unique id

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=delete_history&uuid=${uuid}

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_history&uuid=040cdd82c0e586dd5c3cf35b8ec47a2e4a92d194

Example:(Delete all history)

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_history

Return value:

SUCCESS:

{ "version": "4.2.1", "build": "20150731", "status": 1, "success": "true" }

Get Remote Share Permission List

Description:

Get remote share permission list.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_permission

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_permission

Return value:

SUCCESS:

{"status":1,"permission" : 3, "count":2,"datas":[

```
    {
        owner_uid: 501
        owner_name: "test"
    },
```

```
    {
        owner_uid: 500
        owner_name: "peter"
    },
```

]}

Set Remote Share Permission

Description:

Set remote share permission.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=set_permission&permission=${permission}&count=${count}&user=${user}

Variable	Description

${permission}	permission(0/1/2/3) 0: admin only 1: admin group 2: user 3: all
${count}	Counter
${user}	user

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=set_permission&permission=2&count=2&user=test&user=peter

Return value:

SUCCESS:

{ "version": "4.2.1", "build": "20150331", "status": 1, "success": "true" }

Get NAS Service Information (*for 4.2.2 and later)

Description:

Get remote NAS service information.

Command':

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_service_ex&remote=${remote}&port=${port}&secured=${secured}&pwd=${pwd}&user=${user}&pass_code=${pass_code}&qtoken=${qtoken}

Variable	Description

${remote}	Remote NAS IP
${port}	Remote NAS port number.(Default port number is 8080)
${secured}	Remote NAS force secure connection or not. (1 / 0)
${user}	Remote NAS connection account.
${pwd}	Remote NAS connection password. (Base64 encription password)
${pass_code} (for v4.3.3 or later)	Remote NAS connection pass code. (Base64 encription code)
${qtoken} (for v4.3.3 or later)	Remote NAS connection token. (Base64 encription token)

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=remote_folder&subfunc=get_service_ex&remote=172.17.20.177&port=8080&secured=0&user=test&pwd=Nzg5

Return value:

SUCCESS:

{ "status": 1, "version": 262656, "build": 20151112, "ftp_enable": 1, "ftp_reqular": 1, "ftps_enable": 0, "ftp_port": 21, "ftp_unicode": 1, "ftp_max_conn": 30, "ftp_max_conn_per_account": 10, "webdav_enable": 1, "webdav_port": 80, "webdav_ssl": 1, "webdav_ssl_port": 8081, "samba_enable": 1, "nfs_enable": 1, "afp_enable": 1 }

Unmount External Drive (* for v4.3.3 or later)

Description:

Unmount external drive.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=external_disk_disconnect&node=${node}&vol_id=${vol_id}&is_odd=${is_odd}

Variable	Description
${node}	The node name
${vol_id}	volume id
${is_odd}	Is ODD ? (default value is *0*) *0*: is not ODD, *1*: is ODD

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=htqfoy01&func=external_disk_disconnect&node=/USBDisk2&vol_id=3

Return value:

SUCCESS:

{ "version": "5.0.3", "build": "20161128", "status": 1, "success": "true" }

FAIL:

{ "version": "5.0.3", "build": "20161128", "status": 66, "success": "true" }

Get Media Support format Type (for v4.3.4 or later)

Description:

Get media support format type.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_viewer_support_format_type

```
{
"status": 1,
 "total": 104,
 "datas": [
    {
       "count": 33,
       "media_type": 3,
       "type_name": "photo",
       "datas": [
          {
             "ext_name": "jpg",
             "mime_type": "image/jpeg"
          },
          {
             "ext_name": "jpeg",
             "mime_type": "image/jpeg"
          },
          {
             "ext_name": "gif",
             "mime_type": "image/gif"
          },
          {
             "ext_name": "png",
             "mime_type": "image/png"
          },
          {
             "ext_name": "tif",
             "mime_type": "image/tiff"
          },
          {
             "ext_name": "tiff",
             "mime_type": "image/tiff"
          },
          {
```

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```
        "ext_name": "bmp",
        "mime_type": "image/bmp"
    },
    {
        "ext_name": "cr2",
        "mime_type": "image/x-canon-cr2"
    },
    {
        "ext_name": "crw",
        "mime_type": "image/x-canon-crw"
    },
    {
        "ext_name": "arw",
        "mime_type": "image/sony"
    },
    {
        "ext_name": "sr2",
        "mime_type": "image/sony"
    },
    {
        "ext_name": "dcr",
        "mime_type": "image/dcr"
    },
    {
        "ext_name": "kdc",
        "mime_type": "image/kdc"
    },
    {
        "ext_name": "nef",
        "mime_type": "image/nef"
    },
    {
        "ext_name": "mrw",
        "mime_type": "image/mrw"
    },
    {
        "ext_name": "pef",
```

```
      "mime_type": "image/pef"
    },
    {
      "ext_name": "raf",
      "mime_type": "image/raf"
    },
    {
      "ext_name": "3fr",
      "mime_type": "image/3fr"
    },
    {
      "ext_name": "erf",
      "mime_type": "image/erf"
    },
    {
      "ext_name": "mef",
      "mime_type": "image/mef"
    },
    {
      "ext_name": "mos",
      "mime_type": "image/mos"
    },
    {
      "ext_name": "orf",
      "mime_type": "image/orf"
    },
    {
      "ext_name": "rw2",
      "mime_type": "image/rw2"
    },
    {
      "ext_name": "dng",
      "mime_type": "image/dng"
    },
    {
      "ext_name": "x3f",
      "mime_type": "image/x3f"
```

```
        },
        {
          "ext_name": "srf",
          "mime_type": "image/srf"
        },
        {
          "ext_name": "k25",
          "mime_type": "image/k25"
        },
        {
          "ext_name": "ptx",
          "mime_type": "image/ptx"
        },
        {
          "ext_name": "tga",
          "mime_type": "image/x-tga"
        },
        {
          "ext_name": "raw",
          "mime_type": "image/raw"
        },
        {
          "ext_name": "jpe",
          "mime_type": "image/jpeg"
        },
        {
          "ext_name": "iiq",
          "mime_type": "image/jpeg"
        },
        {
          "ext_name": "insp",
          "mime_type": "image/jpeg"
        }
      ]
    },
    {
      "count": 31,
```

```json
    "media_type": 2,
    "type_name": "video",
    "datas": [
        {
            "ext_name": "ifo",
            "mime_type": "video/dvd"
        },
        {
            "ext_name": "bdmv",
            "mime_type": "video/bluray"
        },
        {
            "ext_name": "m2ts",
            "mime_type": "video/mpeg"
        },
        {
            "ext_name": "avi",
            "mime_type": "video/x-msvideo"
        },
        {
            "ext_name": "mpg",
            "mime_type": "video/mpeg"
        },
        {
            "ext_name": "mp4",
            "mime_type": "video/mp4"
        },
        {
            "ext_name": "wmv",
            "mime_type": "video/x-ms-wmv"
        },
        {
            "ext_name": "ts",
            "mime_type": "video/mpeg"
        },
        {
            "ext_name": "tp",
```

```
            "mime_type": "video/mpeg"
        },
        {
            "ext_name": "asf",
            "mime_type": "video/x-ms-asf"
        },
        {
            "ext_name": "m2t",
            "mime_type": "video/mpeg"
        },
        {
            "ext_name": "mov",
            "mime_type": "video/quicktime"
        },
        {
            "ext_name": "m2v",
            "mime_type": "video/mpeg"
        },
        {
            "ext_name": "mpeg",
            "mime_type": "video/mpeg"
        },
        {
            "ext_name": "3gp",
            "mime_type": "video/3gp"
        },
        {
            "ext_name": "mkv",
            "mime_type": "video/x-matroska"
        },
        {
            "ext_name": "mts",
            "mime_type": "video/mpeg"
        },
        {
            "ext_name": "tod",
            "mime_type": "video/mpeg"
```

```
        },
        {
            "ext_name": "mod",
            "mime_type": "video/mpeg"
        },
        {
            "ext_name": "trp",
            "mime_type": "video/mpeg"
        },
        {
            "ext_name": "m1v",
            "mime_type": "video/mpeg"
        },
        {
            "ext_name": "m4v",
            "mime_type": "video/mp4"
        },
        {
            "ext_name": "rmp4",
            "mime_type": "video/mp4"
        },
        {
            "ext_name": "divx",
            "mime_type": "video/divx"
        },
        {
            "ext_name": "flv",
            "mime_type": "video/x-flv"
        },
        {
            "ext_name": "iso",
            "mime_type": "video/iso"
        },
        {
            "ext_name": "rmvb",
            "mime_type": "video/vnd.rn-realvideo"
        },
```

```json
        {
            "ext_name": "rm",
            "mime_type": "video/vnd.rn-realvideo"
        },
        {
            "ext_name": "mpv2",
            "mime_type": "video/x-mpeg2"
        },
        {
            "ext_name": "mp2v",
            "mime_type": "video/x-mpeg2"
        },
        {
            "ext_name": "insv",
            "mime_type": "video/mp4"
        }
    ]
},
{
    "count": 19,
    "media_type": 1,
    "type_name": "music",
    "datas": [
        {
            "ext_name": "mp3",
            "mime_type": "audio/mpeg"
        },
        {
            "ext_name": "aac",
            "mime_type": "audio/x-aac"
        },
        {
            "ext_name": "wav",
            "mime_type": "audio/x-wav"
        },
        {
            "ext_name": "wma",
```

```
        "mime_type": "audio/x-ms-wma"
    },
    {
        "ext_name": "flac",
        "mime_type": "audio/x-flac"
    },
    {
        "ext_name": "ape",
        "mime_type": "audio/x-monkeys-audio"
    },
    {
        "ext_name": "m4a",
        "mime_type": "audio/x-m4a"
    },
    {
        "ext_name": "ogg",
        "mime_type": "audio/ogg"
    },
    {
        "ext_name": "aiff",
        "mime_type": "audio/x-aiff"
    },
    {
        "ext_name": "au",
        "mime_type": "audio/basic"
    },
    {
        "ext_name": "aif",
        "mime_type": "audio/x-aiff"
    },
    {
        "ext_name": "m4r",
        "mime_type": "audio/x-m4r"
    },
    {
        "ext_name": "dsf",
        "mime_type": "audio/x-dsf"
    }
```

```
    },
    {
      "ext_name": "dff",
      "mime_type": "audio/x-dff"
    },
    {
      "ext_name": "m4b",
      "mime_type": "audio/x-m4b"
    },
    {
      "ext_name": "mka",
      "mime_type": "audio/x-matroska"
    },
    {
      "ext_name": "wv",
      "mime_type": "audio/x-wavpack"
    },
    {
      "ext_name": "mpa",
      "mime_type": "audio/mpeg"
    },
    {
      "ext_name": "ra",
      "mime_type": "audio/x-pn-realaudio"
    }
    ]
  },
  {
    "count": 21,
    "media_type": 4,
    "type_name": "others",
    "datas": [
      {
        "ext_name": "txt",
        "mime_type": "text/plain",
        "type": 4
      },
```

```json
    {
        "ext_name": "ppt",
        "mime_type": "application/vnd.ms-powerpoint",
        "type": 4
    },
    {
        "ext_name": "xml",
        "mime_type": "text/xml",
        "type": 4
    },
    {
        "ext_name": "dtd",
        "mime_type": "text/xml",
        "type": 4
    },
    {
        "ext_name": "htm",
        "mime_type": "text/html",
        "type": 4
    },
    {
        "ext_name": "html",
        "mime_type": "text/html",
        "type": 4
    },
    {
        "ext_name": "xhtml",
        "mime_type": "text/html",
        "type": 4
    },
    {
        "ext_name": "img",
        "mime_type": "application/x-img",
        "type": 4
    },
    {
        "ext_name": "zip",
```

```json
        "mime_type": "application/zip",
        "type": 4
    },
    {
        "ext_name": "gzip",
        "mime_type": "application/zip",
        "type": 4
    },
    {
        "ext_name": "tar",
        "mime_type": "application/octet-stream",
        "type": 4
    },
    {
        "ext_name": "gz",
        "mime_type": "application/octet-stream",
        "type": 4
    },
    {
        "ext_name": "tgz",
        "mime_type": "application/octet-stream",
        "type": 4
    },
    {
        "ext_name": "doc",
        "mime_type": "application/msword",
        "type": 4
    },
    {
        "ext_name": "pps",
        "mime_type": "application/vnd.ms-powerpoint",
        "type": 4
    },
    {
        "ext_name": "xls",
        "mime_type": "application/vnd.ms-excel",
        "type": 4
```

```
            },
            {
                "ext_name": "srt",
                "mime_type": "text/plain",
                "type": 4
            },
            {
                "ext_name": "xlsx",
                "mime_type":
"application/vnd.openxmlformats-officedocument.spreadsheetml.sheet",
                "type": 4
            },
            {
                "ext_name": "pptx",
                "mime_type":
"application/vnd.openxmlformats-officedocument.presentationml.presentat
ion",
                "type": 4
            },
            {
                "ext_name": "docx",
                "mime_type":
"application/vnd.openxmlformats-officedocument.wordprocessingml.documen
t",
                "type": 4
            },
            {
                "ext_name": "pdf",
                "mime_type": "application/pdf",
                "type": 4
            }
        ]
    }
]


}
```

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Set Projection Type (for v4.3.4 or later)

Description:

Set projection type.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=set_projection_type&enable=${enable}&sid=${sid}

Variable	Description
${enable}	get projection type info ?(mime type is mp4 or jpg or jpeg) (default value is *0*) *0*: need not get, *1*: Get 360 information

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=set_projection_type&enable=1&sid=kbqu7e6v5dag8d5eqbq4j24dsl6ptaz5

{ "version": "5.1.0", "build": "20170622", "status": 1, "success": "true" }

Microsoft Online Editor (WOPI) (* for v4.5.0 or later)

Description:

Get WOPI URL.

Command:

http://${IP}:8080/cgi-bin/filemanager/utilRequest.cgi?func=qcloud_wopi_url&sid=${sid}&source_path=${source_path}&file_name=${file_name}&lang=${lang}&business_user=${business_user}

Variable	Description

${source_path}	Source path
${file_name}	file name
${lang}	language (CLI parameter)
${business_user}	business_user : 1 | 0 1 : is business user otherwise not

Example:

http://${IP}:8080/cgi-bin/filemanager/utilRequest.cgi?func=qcloud_wopi_url&sid=sz71x59e&source_path=/Public/test&file_name=txt.docx&lang=zh_TW&business_user=0

Return value:

SUCCESS:

{ "version": "5.1.0", "build": "20161227", "status": 1, "qcloud_wopi_url":
"https:\/\/t1wopi.alpha-myqnapcloud.com?t=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhY3Rp
b24iOiJlZGl0IiwiY2hlY2tfcGljZW5zZSI6ZmFsc2UsImRldmljZV9pZCI6IjU4MTJiYmM5NzU0MTN
mMjgxZjRhMDI5YyIsImZ1bGxfcGF0aCI6Ii9QdWJsaWMvdGVzdC9RZmlsaW5X0hUVFBfQVBJ
XzIwMTYwODEzLmRvY3giLCJzaWQiOiJ4aXVnN2NlNCIsInN1YmRvbWFpbi6InQxIiwidXNlcm5
hbWUiOiJhZG1pbiJ9.juoyok376O8YzEUVoMm_IiiHoJ4RkxImgaI5PtAMwZE", "ret_code": 0 }

FAIL:

{ "version": "5.1.0", "build": "20161226", "status": 68, "qcloud_wopi_url": "", "ret_code": -11 }

Language:

QTS language	CLI parameter	WOPI language
English	en	en-US

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繁體中文	zh_TW	zh-TW
简体中文	zh	zh-CN
French	fr	fr-FR
Italian	it	it-IT
Czech	cs	cs-CZ
Dutch	nl	nl-NL
Polish	pl	pl-PL
Español	es	es-ES
Swedish	sv	sv-SE
Turkish	tr	tr-TR
Danish	da	da-DK
Finnish	fi	fi-FI
German	de	de-DE

Greek	el	el-GR
Japanese	ja	ja-JP
Korean	ko	ko-KR
Hungarian	hu	hu-HU
Norwegian	no	nb-NO
Portuguese	pt	pt-PT
Romanian	ro	ro-Ro
Russian	ru	ru-Ru
Thai	th	th-TH

Get current directory privilege information (for v4.4.0 or later)(Enhancement#12061)

Description:

Get current directory privilege information.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_access_right&folder_path=${folder_path}&sid=${sid} or

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_access_right&path=${path}&sid=${sid}

Variable	Description
${folder_path}	Get current directory.
${path}	Get current share folder path.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_access_right&sid=vs9i1meu0hiq34w7o7g3u28718p89beu&folder_path=/share/CACHEDEV1_DATA/Multimedia

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_access_right&sid=vs9i1meu0hiq34w7o7g3u28718p89beu&path=/Multimedia

{ "version": "5.2.0", "build": "20180329", "permission": 7, "play": 1, "success": "true" }

Response field:

Field	Description
permission	permission : 7 ==> 4+2+1 r : 4 w : 2 x : 1

play	support realtime transcode or not (1 | 0).

Hybrid Archival Folder (for v4.3.5 or later)

Retrieve

Description:

Retrieve file.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=qham_retrieve&sid=${sid}&path=${path}&file_total=${file_total}&file_name=${file_name}

Variable	**Description**
${path}	path
${file_total}	total files number
${file_name}	retrieve file name

Example:

Retrieve a single file.

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=qham_retrieve&sid=xxxxxxxx&path=/qham:home/Mcp00136/AF-00&file_total=1&file_name=1.jpg

Retrieve multiple files.

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=qham_retrieve&sid=xxxxxxxx&path=/qham:home/Mcp00136/AF-00&file_total=2&file_name=1.jpg&file_name=2.jpg

Return value:

{ "version": "5.1.0", "build": "20170710", "status": 1, "success": "true" }

FS support Qcipher (for v4.4.1 or later)(SPEC#15466)

Description:

Encrypt / Decrypt files.

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=cipher&subfunc=${subfunc}&mode=${mode}&passwd=${passwd}&dest_path=${dest_path}&source_total=${source_total}&source_path=${source_path}&source_file=${source_file}&sid=${sid}

Variable	Description
${subfunc}	"encrypt" / "decrypt"
${mode}	*1 / 0* *1*: keep source file for default value. *0*: remove original source file.
${passwd}	Encryption password.
${dest_path}	Destination directory.
${source_path}	Source directory.
${source_total}	totlal file number.
${source_file}	source file.

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=cipher&subfunc=encrypt&mode=1&passwd=Nzg5&dest_path=/test/test&source_total=1&source_path=/test&source_file=1.pdf&sid=web0w1xt6yisac09nm4hhwannh6h245o

{ "status": 1, "pid": 32412 }

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=cipher&subfunc=decrypt&passwd=Nzg5&dest_path=/test/test/1&source_total=1&source_path=/test/test&source_file=1.pdf.qenc&sid=web0w1xt6yisac09nm4hhwannh6h245o" /home/httpd/cgi-bin/filemanager/utilRequest.cgi

{ "status": 1, "pid": 32412 }

Mount QuDedup (for v4.5.0 or later)

Mount QuDedup

Description:

Mount QuDedup

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=mount_qdff&path=${path}&file_name=${file_name}&custom_name=${custom_name}pwd=${pwd}

Variable	Description
${path}	The source path of ISO file
${file_name}	Qudedup file name
${pwd}	Base64 encryption password.
${custom_name}	The share folder name

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=mount_qdff&path=/Public&file_name=Backup_1.qdff&custom_name=Backup_1

Return value:

Success:

{ "version": "5.0.0", "build": "20151225", "status": 1, "success": "true" }

Unmount QuDedup

Description:

Unmount QuDedup

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=unmount_qdff&share=${share}

Variable	Description
${share}	The share folder name

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=unmount_qdff&share=/Backup_1

Return value:

Success:

{ "version": "5.0.0", "build": "20151225", "status": 1, "success": "true" }

Virtual Cloud Volume Sync Status (for v4.4.1 and later)

Get Virtual Cloud Volume Sync Status

Description:

Get virtual cloud volume sync status

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_cloud_sync_status&vol_id=${vol_id}

Variable	Description
${vol_id}	Volume id

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_cloud_sync_status&vol_id=2

Return value:

Success:

{ "syncing": 0, "sync_percent": 0 }

Response field:

Field	Description
syncing	Data sync or not (1 | 0).
sync_percent	Data sync percentage(0~100).

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Get CAYIN Media License Status

Description:

Get CAYIN media license status

Command:

[http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_cayin_media_status
http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_cayin_media_status

Example:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?sid=${sid}&func=get_cayin_media_status

Return value:

Success:

{ "status": 1, "cayin_media_enable": 1, "cayin_media_license_actived": 2 }

Response field:

Field	Description
cayin_media_enable	CAYIN media qpkg install or not (1 | 0).
cayin_media_license_actived	CAYIN media license type. 1 : BASIC 2 : PLUS otherwise none

Enable Copying Files Option for SMB attributes Copy (for 5.5.0 or later)

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=${func}&sid=${sid}&enable=${enable}

Variable	Description
${func}	*set_smb_attribute*
${enable}	*1*: enable copying SMB attribute option when copying files otherwise disable

Example: Enable copying smb attribute option when copying files :

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=set_smb_thumb&sid=xxxx&enable=1

{ "version": "5.6.0", "build": "20210325", "status": 1, "success": "true" }

Get Copying Option for SMB Attributes Copy (for 5.5.0 or later)

Command:

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=${func}&sid=${sid}

Variable	Description
${func}	*get_smb_attribute*

Example:

Get copying Option for SMB attribute Copy

http://IP:8080/cgi-bin/filemanager/utilRequest.cgi?func=get_smb_attribute&sid=xxxx

{ "version": "5.6.0", "build": "20210324", "status": 1, "Enable_SMB_Attribute": 0 }

File Station Status

Description:

File station return status.

Enum Name	Code	Description
WFM2_FAIL	0	UNKNOW ERROR
WFM2_DONE	1	SUCCESS
WFM2_SUCCESS	1	SUCCESS
WFM2_FILE_EXIST	2	FILE EXIST
WFM2_AUTH_FAIL	3	Authentication Failure,認證失敗
WFM2_PERMISSION_DENY	4	Permission Denied,存取拒絕
WFM2_FILE_NO_EXIST	5	FILE/FOLDER NOT EXIST,檔案不存在

WFM2_SRC_FILE_NO_EXIST	5	FILE/FOLDER NOT EXIST,檔案不存在
WFM2_EXTRACTING	6	FILE EXTRACTING,檔案解壓縮中
WFM2_OPEN_FILE_FAIL	7	FILE IO ERROR,檔案寫入時發生錯誤
WFM2_DISABLE	8	Web File Manager is not enabled.,Web File Manager尚未啟用
WFM2_QUOTA_ERROR	9	You have reached the disk quota limit.,您的磁碟容量配額已滿
WFM2_SRC_PERMISSION_DENY	10	You do not have permission to perform this action.,您沒有權限進行此項操作
WFM2_DES_PERMISSION_DENY	11	You do not have permission to perform this action.,您沒有權限進行此項操作

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WFM2_ILLEGAL_NAME	12	名稱不合法。因為其中含有以下字元: n " + = / \ : | * ? < > ; [ ] % , ` ' 字元或特殊字首 "_sn_" 和 "_sn_bk"。
WFM2_EXCEED_ISO_MAX	13	The maximum number of allowed ISO shares is 256. Please unmount an ISO share first.//最大支援的 映像檔資料夾是256。請先卸載一個映像檔資料夾。
WFM2_EXCEED_SHARE_MAX	14	The maximum number of shares is going to be exceeded.分享的數目已到達最大的分享數目的限制
WFM2_NEED_CHECK	15	Login fail !.登入失敗
WFM2_RECYCLE_BIN_NOT_ENABLE	16	Recycle bin not enable.垃圾桶尚未啟用
WFM2_CHECK_PASSWORD_FAIL	17	Enter password,請輸入密碼

WFM2_VIDEO_TCS_DISABLE	18	媒體櫃未啟動
WFM2_DB_FAIL	19	The system is currently busy. Please try again later.系統忙碌中, 請再試一次。
WFM2_DB_QUERY_FAIL	19	The system is currently busy. Please try again later.系統忙碌中, 請再試一次。
WFM2_PARAMETER_ERROR	20	There were input errors. Please try again later.
WFM2_DEMO_SITE	21	Your files are now being transcoded.
WFM2_TRANSCODE_ONGOING	22	Your files are now being transcoded.您的檔案正在轉檔中。
WFM2_SRC_VOLUME_ERROR	23	An error occurred in the source file. Please check and try again later.資料來源讀取異常, 請檢查資料來源後再試一次。

WFM2_DES_VOLUME_ERROR	24	A write error has occurred at the target destination. Please check and try again later.目的地寫入異常，請檢查後再試一次。
WFM2_DES_FILE_NO_EXIST	25	The target destination is unavailable. Please check and try again later.目的地路徑不存在，請檢查後再試一次。
WFM2_FILE_NAME_TOO_LONG	26	The file name is too long. Please use a shorter one (maximum: 255 characters). Note that this length is for English characters. For non-English file names, please keep them shorter than the length above.名稱長度超過限制，請將長度控制在255字元之內。請注意，此長度為英文字元長度。故針對非英語語系的檔案名稱，請注意勿超過此長度。

WFM2_FOLDER_ENCRYPTION	27	This folder has been encrypted. Please decrypt it and try again.資料夾已加密，請先解密。
WFM2_PREPARE	28	Processing now, please wait.任務進行中，請稍等。
WFM2_NO_SUPPORT_MEDIA	29	This file format is not supported.不支援開啟這類型的格式。
WFM2_DLNA_QDMS_DISABLE	30	Please enable the <qtag>DLNA Media Server</qtag>.請先啟動 <qtag>DLNA Media Server</qtag>。
WFM2_RENDER_NOT_FOUND	31	Cannot find any available DLNA devices.目前找不到任何可用的播放裝置。
WFM2_CLOUD_SERVER_ERROR	32	The SmartLink service is currently busy. Please try again later.SmartLink

		服務忙碌中，請再試一次。
WFM2_NAME_DUP	33	That folder or file name already exists. Please use another name.
WFM2_EXCEED_SEARCH_MAX	34	搜尋結果超過1000筆
WFM2_MEMORY_ERROR	35	Memory allocate error. 記憶體不足分配錯誤
WFM2_COMPRESSING	36	File compressing. 檔案壓縮中
WFM2_EXCEED_DAV_MAX	37	(Reserved)(保留)
WFM2_UMOUNT_FAIL	38	Unmount fail. 取消掛載失敗
WFM2_MOUNT_FAIL	39	Mount fail. 掛載失敗
WFM2_REMOTE_FOLDER_ACCOUNT_PASSWD_ERROR	40	Remote folder mount account or password error. 遠端掛載帳號密碼錯誤
WFM2_REMOTE_FOLDER_SSL_ERROR	41	Certificate not trusted. SSL 錯誤

WFM2_REMOTE_FOLDER_REMOUNT_ERROR	42	Remote folder remount fail. 遠端掛載失敗
WFM2_REMOTE_FOLDER_HOST_ERROR	43	Host not found. 遠堆主機連線失敗
WFM2_REMOTE_FOLDER_TIMEOUT_ERROR	44	Remote host connction timeout. 遠堆主機連線過時失敗
WFM2_REMOTE_FOLDER_CONF_ERROR	45	Remote host config error. 遠堆主機連線資料不正確
WFM2_REMOTE_FOLDER_QUOTA_OR_PERMISSION_ERROR	46	Remote folder quota or permission error. 遠堆連線quota錯誤或者無權限無法寫入資料
WFM2_QCLOUD_ALIAS_TOOL_ERROR	47	(Reserved)(保留)
WFM2_REMOTE_FOLDER_FTPFS_BASE_ERROR	48	Remote connection fail. 遠堆連線失敗
WFM2_EXCEED_TREE_NODE_MAX	49	(Reserved)(保留)
WFM2_EXCEED_FILE_LIST_MAX	50	(Reserved)(保留)

WFM2_REMOTE_FOLDER_MOUNT_READ_ONLY	51	(Reserved)(保留)
WFM2_AT_LEAST_ONE_FILE_ACCESS_ERR	52	At least on file access error.至少有一個擋按存取錯誤
WFM2_DEST_PATH_IS_CHILD_OF_SRC	55	Destination path is children of source path. 目的端是來源端的子資料夾
WFM2_REMOTE_FLODER_CHECK_STICKY_BIT	56	Remote folder check sync status error.遠端資料夾同步失敗
WFM2_SHARE_LINK_EXPIRED	57	Share link expired. Share link 過時
WFM2_ADD_TRANSCODE_FAIL	58	Add to transcode fail. 影片加入轉檔時發生錯誤
WFM2_DELETE_TRANSCODE_FAIL	59	Delete transcode fail. 取消/刪除影片轉檔時發生錯誤
WFM2_CHARSET_CONV_FAIL	60	Store charset config error.儲存文字檔編碼時發生錯誤

WFM2_FILE_TOO_LARGE	61	File size too large.開啟的文字檔超過10M
WFM2_TEXT_FILE_CHANGED	62	Text file contents changed.文字檔已被修改過
WFM2_DELETE_FILE_FAIL	63	Delete file fail.刪除檔案失敗
WFM2_REMOTE_LOGIN_FAIL	64	Remote login fail.登入遠端 QNAP NAS失敗
WFM2_GEN_THUMBNAIL	65	Generating thumbnail.產生縮圖中
WFM2_EJECT_EXTERNAL_DEV_FAIL	66	Eject external device fail.退出外接裝置失敗
WFM2_SEARCH_RESULT_FAIL	67	Get search result fail.搜尋失敗
WFM2_QCLOUD_WOPI_TOOL_ERROR	68	QCLOUD WOPI Error. Office online編輯失敗
WFM2_NEED_2SV	69	Need 2 step verification.需要2次認證

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WFM2_NO_SHARED_FOLDER_NO_VOLUME	70	no shared folder and no volume.Volume 尚未就緒
WFM2_QHAM_RETRIEVE_FAIL	71	QHAM retrieve fail.QHAM 資料收復失敗
WFM2_QHAM_DELETE_JOB_FAIL	72	QHAM cancel background job fail.QHAM 取消背景工作失敗
WFM2_TIERING_ON_DEMAND_ENABLE_FAIL	73	Tiering on deman eable fail. Tiering on deman 啟用失敗
WFM2_TIERING_ON_DEMAND_DISABLE_FAIL	74	Tiering on deman disable fail.Tiering on deman 取消失敗
WFM2_QHAM_CANCEL_JOB_FAIL	75	QHAM cancel job fail. QHAM 取消工作失敗
WFM2_DISCOVER_DETAIL_FAIL	76	(Reserved)(保留)
WFM2_CACHE_MOUNT_NOT_ENABLE	77	Cache mount not enable.遠堆掛載尚未啟用
WFM2_CM_GET_UPLOAD_FAILED_FILES_FAIL	78	(Reserved)(保留)

SUBJECT TO CHANGE WITHOUT NOTICE

WFM2_CM_RETRY_FAILED_FILES_FAIL	79	(Reserved)(保留)
WFM2_CM_RENAME_NOT_SUPPORT	80	Cache mount not support rename function.不支持 cached mount rename功能
WFM2_GOOGLE_DOC_TRANS_FILE_TOO_LARGE	81	Google doc trans file too large.Google doc 檔案太大, 無法轉擋
WFM2_GOOGLE_DOC_TRANS_FAIL	82	Google doc trans file fail.Google doc 轉擋失敗
WFM2_NETWORK_ERROR	83	Network error. 網路連線異常
WFM2_INFILE_EXTENSION_NOT_SUPPORT	84	Input file extension not support.不支持 的Google doc 轉擋擋案文件格 式
WFM2_EXCEED_QDFF_MAX	85	Exceed QDFF(Hybrid Backup Sync) max counter.QDFF share 掛載超過 最大數量

WFM2_CLOUD_CONVERT_PARAMETER_ERR	86	cloud convert parameter error. 第三方 Cloud convert 輸入參數錯誤
WFM2_CLOUD_CONVERT_ERR	87	cloud convert error.第三方 Cloud convert 失敗
WFM2_CLOUD_CONVERT_NOT_AVALIABLE_ERR	88	cloud convert server not avalable.第三方Cloud convert server 尚未就緒
WFM2_QDFF_MOUNT_FORMAT_ERR	89	QDFF mount format error. QDFF mount 格式錯誤
WFM2_CLOUD_CONVERT_API_KEY_ERR	90	cloud convert api key error. 第三方Cloud convert api key 錯誤
WFM2_CLOUD_CONVERT_QUOTA_OR_TIME_LIMIT_ERR	91	cloud convert api key qouta or convert time limit error. 第三方Cloud convert已達使用者最大上限
WFM2_SRC_IS_UNDER_THE_DEST	92	Source file is under the destioation when moving file.移動的來源

		檔在相同的目的地路徑下
WFM2_SRC_EIO_ERROR	93	EIO error when access file. 存取檔案EIO錯誤
WFM2_QHAM_ENOSPACE	94	Access hybrid mount hard drive has no space. 存取遠端掛載檔案的儲存空間不足錯誤
WFM2_TIME_INVALID	95	Create share link time invalid. 新增檔案分享的時間錯誤
WFM2_CAYIN_MEDIA_DISABLE	96	CAYIN media server not enable(Add media file to transcode error). 新增檔案轉檔時未安裝 CAYIN QPKG 尚未安裝啟用錯誤
WFM2_CAYIN_MEDIA_LICENSE_DACTIVED	97	CAYIN media server license not actived(Add media file to transcode error). 新增檔案轉檔時,伺服器license尚未啟用

WFM2_MEDIA_THUMB_NOT_SUPPORT	98	Gen thumbnail has something wrong(or option not support). 產生縮圖時有錯誤產生或者option 不support
WFM2_MMC_NOT_INSTALL	99	QPKG Multimedia console not install or CLI not exist. 未安裝Multimedia console QPKG
WFM2_MEDIASTREAM_ADD_ON_NOT_ENABLE	103	Media Streaming add on not enable. Media Streaming add on 未啟用
WFM2_CALCULATE_SIZE_PROCESS_NOT_FOUND	104	The specified background task of calculated file size process does not found.
WFM2_SHARE_LINK_DB_CREATE_ERROR	105	Share link DB create error.
WFM2_CHECK_SUM_ERROR	106	Check sum error.
WFM2_UPLOAD_PARTIALLY_ERROR	107	Some files failed to upload

	108	Copy|Move data integrity check 2sv error
WFM2_OP_NEED_2SV		
WFM2_UPLOAD_FAILED	109	Upload failed

DLNA response Status

Description:

DLNA response status in File Station.

Enum Name	Code	Description
SYSTEM_ERR	1	system error
IPC_FORMAT_ERR	2	IPC format error
PARAMTER_NOT_FOUND_ERR	3	parameter does not found
RENDER_NOT_EXIST_ERR	4	render does not exist
CREATE_PLAYER_FAIL_ERR	5	create player fail
QDMCD_NOT_EXIST_ERR	6	QDMCD does not exist
COMMAND_NOT_FOUND_ERR	7	command doest not find
UNKNOW_PLAY_MODE_ERR	8	unknow play mode

RETURN_FORMAT_ERR	9	return format error
PLAYLIST_NOT_FOUND_ERR	10	play list not found
PLAYQUEUE_DB_QUERY_ERR	11	play queue DB query error
PLAYQUEUE_DB_ACCESS_ERR	12	play queue DB access error
FILE_NOT_IN_DB_ERR	13	file does not find in DB