

NZBVortex Network API

documentation

Revision	Description	API level	NZBVortex version
1.0	Initial document version	1	2.8.0
1.1	Fixed URL's and added Web chapter	1	2.8.0
1.2	Fixed authentication base64 details, improved API documentation.	1	2.8.0
1.3	Improved network API, new API level BASE64 padding support authentication pauseAll and resumeAll deprecated	2	2.8.3
1.4	Added NZB move API call documentation	2	2.8.3
1.5	New functions added, some functions don't need authentication anymore	2.1	2.8.5
1.6	Added authentication example Api 2.2: specify download name and group name during add of NZB	2.2	2.9.0
1.7	Added add_uuid result after adding a NZB via file or URL (/api/nzb/add). Added addUUID to nzb details request (/api/nzb and /api/nzb/number) Can be used by 3rd party applications to match queue items to add operations.	2.3	3.2.0

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1. Introduction

Basics

NZBVortex Network API uses a REST like API using normal GET and POST HTTP operations for API calls which returns JSON. The communication will take place using HTTPS.

We are aware that the current default installation will use a self-signed certificate for HTTPS. This is less optimal at best. This setup is chosen because of end-users costs and easy setup.

The API is protected by a so called API key. This API key is a pre-shared secret key which is configured in NZBVortex. Clients and / or users should configure or enter this pre-shared secret API key in the client so it is able to communicate with NZBVortex's API.

The API Key is never transmitted to NZBVortex, instead the client will calculate a SHA256 hash and send it to the server. The server is able to verify the hash and accept a session for this client.

Authentication

Authentication is relatively simple: firstly the client must request for an auth nonce from the server. This auth nonce is valid for 30 seconds. Secondly the client must generate it's own client nonce (random for every authentication!). Thirdly the client will send the server nonce, the client nonce and the base64 of the SHA265 hash of both nonces and *and* the API Key and send it to the server. The server nonce, client nonce and base64 hash are separated by a colon.

Login request sends:

- Server nonce
- Client nonce
- BASE64(SHA256(server_nonce:client_nonce:apikey))

Note 1: do not use BASE64 padding characters (=) for API level 1 authentication, BASE64 padding characters support is added in API level 2.

Note 2: BASE64 encoding is performed on the raw SHA256 hash bytes, not hex string!

If the authentication is verified and is valid the server will return a session id which is used for all subsequent calls to the server to identify the client. The session id will be invalidated after 5 minutes of inactivity.

Test your hash calculation routine with the following data.

Use the following data to check your hash routine

Nonce: B8DB315C-2C2C-45AA-9088-875D9ED9A90E
Client nonce: 5E992A86
ApiKey: 1EC2-FCD9

Step A: compile the string to be hashes

Compiled pre-hash string.

Pseudocode: string = NONCE:CNONE:APIKEY

Result: B8DB315C-2C2C-45AA-9088-875D9ED9A90E:5E992A86:1EC2-FCD9

Step B: SHA256 the compiled string

Pseudocode: SHA256(STEP_A)

Result: 026153af2bfec80490ea36a941fe0a803f4286f265ebbf9ee52cad16109b5913

Step C: Base64 encode the bytes of SHA256 hash

Important: calculate the base64 on the bytes of BASE64, not the hex string.

Pseudocode: BASE64(SHA256(STEP_A))

Result: AmFTryv+yASQ6japQf4KgD9ChvJl67+e5SytFhCbWRM=

Manually cross check your functionality

Keep in mind; below tools use HEX string instead of bytes purely for demonstration.
The resulting hash is correct and same as NZBVortex would get the BASE64 hash.

Step A: SHA256 from your compiled string (results HEX string)

<http://www.xorbin.com/tools/sha256-hash-calculator>

Step B: Base64 from bytes in HEX string

This in essence decodes the HEX string to bytes and then does the BASE64 encode.

http://tomeko.net/online_tools/hex_to_base64.php

JSON and JSONP

We are aware that websites hosted on other domains are not allowed to make AJAX calls to a different domain for security reasons. Because of this NZBVortex does support both normal JSON and JSONP API calls. JSONP will allow sites hosts on different domains to AJAX REST calls to NZBVortex. To enable JSONP calls use i.e. JQuery's JSONP. Make sure to specify the "&callback=yourfunction" URL parameter during the REST JSONP requests.

Because JSONP does use a "javascript include" hack to get the JSON results from another server the HTTP status codes are not accessible anymore; because of this NZBVortex will store the HTTP status codes in the JSON results itself. Please inspect the **httpStatusCode** key in the JSON result.

WebUI source files / Your help wanted!

The Web UI is a 100% client side web application. A combination of HTML, CSS and Javascript. The UI is Javascript drive and manipulated via the DOM. The Web UI is published without any licensing and is public domain. We really would like other developers to make changes and improve the Web UI and we'd like to receive back any patches so our customers can use your improvements as well!

We really like to incorporate any improvements you make to the Web UI.

The Web files can be found in the following folders (including the ~)
Open Finder, press CMD-Shift-G and copy past the below folder and press enter.

Version of NZBVortex	Folder
Downloaded via the site	~/Library/Application Support/NZBVortex/WebUI/
Downloaded via Mac App Store	~/Library/Containers/com.NZBVortex.NZBVortex/Data/Library/Application Support/NZBVortex/WebUI/

Request API functions

The API doesn't fully cover all functionality of NZBVortex. Please do not hesitate to contact us if we can add a function to the API which will make your product even more awesome.

Please contact us at info@nzbvortex.com and request what function you would like to get added to NZBVortex!

2. Authentication

Get authentication nonce

Description	Get authentication Nonce used for Login Nonce is valid for 30 seconds
GET Request URL	/api/auth/nonce
Parameters	None
Example	/api/auth/nonce
API level	Introduced in API level 1
Needs Authentication	No
HTTP result codes	200 - Operation okay
Result	{ "authNonce" : "(generated_nonce)" }

Login / Get Session ID

Description	<p>Login / get Session ID</p> <p>Login to the server by validating client using a pre-shared API key. The API key is configured in NZBVortex. The API key is not send in plaintext but as a BASE64 encoded SHA256 hash of: the server nonce (NONCE), the client nonce (CNonce) and the API key separated by semicolons.</p> <p>Note 1: <u>do not use BASE64 padding characters (=) for API level 1 authentication</u>, BASE64 padding characters support is added in API level 2.</p> <p>Note 2: BASE64 encoding is performed on the raw SHA256 hash <u>bytes, not hex string!</u></p> <p>Session ID will be invalidated after 5 minutes idle time.</p>
GET Request URL	/api/auth/login
Parameters	nonce = server nonce (retrieved via /api/auth/nonce) cnonce = client generated nonce (random per authentication) hash = BASE64(SHA256(nonce;cnonce:apikey))
Example	/api/auth/login?nonce=XX&cnonce=YY&hash=ZZ
API level	Introduced in API level 1
Needs Authentication	No
HTTP result codes	200 - Operation okay
Result success	{ "sessionId" : "(generated_id)", "loginResult" : "successful" }
Result failed	{ "loginResult" : "failed" }

3. App functions

Current API level

Description	<p>Get current API level</p> <p>Please use this function to check if your application is compatible with NetworkAPI functions. <u>Do not use application version!</u></p> <p>Please note: the format is a string with the following format “MAJOR.MINOR” for example: “2.1”</p> <p>Breaking API changes increases the MAJOR version. New functions, bugfixes only increase MINOR.</p> <p>When MAJOR remains the same the API is guaranteed to remain compatible.</p>
GET Request URL	/api/app/apilevel
Parameters	
Example	/api/app/apilevel
API level	Introduced in API level 1
Needs Authentication	Api-level 1 and 2: Yes Api-level 2.1 and newer: No
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ “result” : “ok”, “apilevel” : “2.1” }
Result failed	{ “result” : “not_logged_in” }

Application version

Description	Get current application version. <u>Do not use this version to check for compatibility. use apilevel instead!</u>
GET Request URL	/api/app/appversion
Parameters	
Example	/api/app/appversion
API level	Introduced in API level 2.1
Needs Authentication	No
HTTP result codes	200 - Operation okay
Result success	{ "result" : "ok", "appversion" : "2.9.0" }
Result failed	{ "result" : "not_logged_in" }

Get current download speed

Description	Return the current download speed in bytes per second
GET Request URL	/api/app/downloadspeed
Parameters	sessionid = Authentication Session ID
Example	/api/app/downloadspeed?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok", "speed" : 500 }
Result failed	{ "result" : "not_logged_in" }

WebUpdate (compiled stats)

Description	<p>This API call will collect and return the results of /app/downloadspeed, /speedlimit, /sleepwhendone and /file/(nzbid)</p> <p>It's a one-HTTP operation get all status call. For optimal web update experience. Optimization API call.</p> <p>nzbid is optional. (/app/webUpdate gets all info except files)</p>
GET Request URL	/api/app/(nzbid)/webUpdate
Parameters	sessionid = Authentication Session ID
Example	/api/app/(nzbid)/webUpdate?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	<pre>{ "result" : "ok", "speed" : 500, "speedlimit_enabled" : false, "speedlimit" : 500, "speedlimit_minutes" : 10, "sleepwhendone" : false, "files" : [{ file1 }, { file2 }] }</pre>
Result failed	<pre>{ "result" : "not_logged_in" }</pre>

4. NZB functions

Get all NZBs details

Description	Get overview of all NZBs currently in the queue
GET Request URL	/api/nzb
Parameters	sessionid = Authentication Session ID
Example	/api/nzb?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	<pre> { "result" : "ok", "nzbs" : [{ "id" : 1, "uiTitle" : "Display title", "destinationPath" : "/Download/Path", "nzbFileName" : "/Downloads/some.nzb", "isPaused" : (0 1), (true or false) "state" : 1, (see state section) "statusText" : "paused by user" "transferredSpeed" : 512, (speed in bytes/s) "progress" : 49.5, (progress in float) "downloadedSize" : 512, (downloaded bytes) "totalDownloadSize" : 1024, (total download size) "postDate" : 1347130720, (nil or sec since 1970) "totalArticleCount" : 500, (total number of articles) "failedArticleCount" : 0, (failed number of articles) "groupUUID" : "{GUID}", (download group) Added in API level 2.3 "addUUID" : "{GUID}" (match add action to nzb) }, <!-- item 2 --> { (...) }] } </pre>
Result failed	<pre> { "result" : "not_logged_in" } </pre>

Get a details of a specific NZB

Description	Get a specific NZB from the queue Replace (nzbid) with NZB id.
GET Request URL	/api/nzb/(nzbid)
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/1?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	<pre> { "result" : "ok", "nzbs" : [{ "id" : 1, "uiTitle" : "Display title", "destinationPath" : "/Download/Path", "nzbFileName" : "/Downloads/some.nzb", "isPaused" : (0 1), (true or false) "state" : 1, (see state section) "statusText" : "paused by user" "transferredSpeed" : 512, (speed in bytes/s) "progress" : 49.5, (progress in float) "downloadedSize" : 512, (downloaded bytes) "totalDownloadSize" : 1024, (total download size) "postDate" : 1347130720, (nil or sec since 1970) "totalArticleCount" : 500, (total number of articles) "failedArticleCount" : 0, (failed number of articles) "groupUUID" : "{GUID}", (download group) Added in API level 2.3 "addUUID" : "{GUID}" (match add action to nzb) }] } </pre>
Result failed	<pre> { "result" : "not_logged_in" } </pre>

Add NZB via HTTP File Upload

Description	Add a new download to the queue. Using a Multi-part form data file upload POST. A "ok" results just mentions the files where queued for being added to the queue not actually added to queue.
POST Request URL	/api/nzb/add
Parameters	sessionid = Authentication Session ID Added in API level 2.2 name = Set name for download (visible in UI) groupname = Add download to group with name (optional)
Example	/api/nzb/add?sessionid=SID&groupname=Some%20group
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok", Added in API level 2.3 "add_uuid" : "{GUID}" (match add action to nzb) }
Result failed	{ "result" : "not_logged_in" }

Add a NZB via URL

Description	Add a new download to the queue. Using a URL parameter
POST Request URL	/api/nzb/add
Parameters	sessionid = Authentication Session ID url = URL encoded URL (http) Added in API level 2.2 name = Set name for download (visible in UI) groupname = Add download to group with name (optional)
Example	/api/nzb/add?sessionid=SID&url=http%3A%2F%2Fwww.google.com%2Fdownload.nzb&groupname=Some%20group
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok", Added in API level 2.3 "add_uuid" : "{GUID}" (match add action to nzb) }
Result failed	{ "result" : "not_logged_in" }

Pause a NZB

Description	Pause NZB using NZB id Replace (nzbid) with NZB id.
GET Request URL	/api/nzb/(nzbid)/pause
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/1/pause?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Resume a NZB

Description	Resume NZB using NZB id Replace (nzbid) with NZB id.
GET Request URL	/api/nzb/(id)/resume
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/1/resume?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Cancel a NZB

Description	Remove a (finished/unfinished) NZB from queue, do not delete files. Replace (nzbid) with NZB id.
GET Request URL	/api/nzb/(nzbid)/cancel
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/1/cancel?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Delete a NZB

Description	Remove a (finished/unfinished) NZB from queue and delete files. Replace (nzbid) with NZB id.
GET Request URL	/api/nzb/(nzbid)/cancelDelete
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/1/cancelDelete?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Pause all NZBs

Description	Pause all NZBs
GET Request URL	/api/nzb/pause
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/pause?sessionid=SID
API level	Introduced in API level 2
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Pause all NZBs (DEPRECATED)

Description	Pause all NZBs (DEPRECATED)
GET Request URL	/api/nzb/pauseAll
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/pauseAll?sessionid=SID
API level	Introduced in API level 1 Deprecated in API level 2
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Resume all NZBs

Description	Resume all NZBs
GET Request URL	/api/nzb/resume
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/resume?sessionid=SID
API level	Introduced in API level 2
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Resume all NZBs (DEPRECATED)

Description	Resume all NZBs (DEPRECATED)
GET Request URL	/api/nzb/resumeAll
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/resumeAll?sessionid=SID
API level	Introduced in API level 1 Deprecated in API level 2
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Cancel all NZBs

Description	Remove all (finished/unfinished) NZB from queue, do not delete files.
GET Request URL	/api/nzb/cancel
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/cancel?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Delete all NZBs

Description	Remove all (finished/unfinished) NZBs from queue and delete files.
GET Request URL	/api/nzb/cancelDelete
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/cancelDelete?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Clear finished NZBs from Queue

Description	Clear all successfully finished download from the queue
GET Request URL	/api/nzb/clearFinished
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/clearFinished?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Move NZB up one place in queue

Description	Move up NZB once place
GET Request URL	/api/nzb/(nzbid)/moveup
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/(nzbid)/moveup?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Move NZB down one place in queue

Description	Move down NZB once place
GET Request URL	/api/nzb/(nzbid)/movedown
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/(nzbid)/moveup?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Move NZB to top of queue

Description	Move NZB to top of queue
GET Request URL	/api/nzb/(nzbid)/movetop
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/(nzbid)/movetop?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Move NZB to bottom of queue

Description	Move NZB to bottom of queue
GET Request URL	/api/nzb/(nzbid)/movebottom
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/(nzbid)/movebottom?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Download NZB next (move to second place)

Description	Move NZB to second place in queue (download next)
GET Request URL	/api/nzb/(nzbid)/downloadnext
Parameters	sessionid = Authentication Session ID
Example	/api/nzb/(nzbid)/downloadnext?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

Move NZB to specific index in queue

Description	<p>Move an NZB to a specific index (location) in the queue. The index is zero based (first item is index 0).</p> <p>The NZB will be moved before the NZB currently at the specified index.</p> <p>To move the NZB at the end of queue set it to max index + 1</p>
GET Request URL	/api/nzb/(nzbid)/moveToIndex?index=(index in queue)&sessionid=SID
Parameters	sessionid = Authentication Session ID index = Index in queue (0 based)
Example	/api/nzb/(nzbid)/moveToIndex?index=0?sessionid=SID
API level	Introduced in API level 2.1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok" }
Result failed	{ "result" : "not_logged_in" }

1. Speed Limit

Get current Speed Limit state

Description	Get current speed limit status
GET Request URL	/api/speedlimit
Parameters	sessionid = Authentication Session ID
Example	/api/speedlimit?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok", "speedlimit_enabled" : 0, "speedlimit" : 512, (kb/s) "speedlimit_minutes" : 10 }
Result failed	{ "result" : "not_logged_in" }

Enable Speed Limit

Description	Enable speed limit
GET Request URL	/api/speedlimit/enable
Parameters	sessionid = Authentication Session ID speed = Speed in KB/s minutes = Auto disable limit after these minutes (optional)
Example	/api/speedlimit/enable?sessionid=SID&speed=512&minutes=10
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok", "speedlimit_enabled" : 1, "speedlimit" : 512, (kb/s) "speedlimit_minutes" : 10 }
Result failed	{ "result" : "not_logged_in" }

Disable Speed Limit

Description	Disable speed limit
GET Request URL	/api/speedlimit/disable
Parameters	sessionid = Authentication Session ID
Example	/api/speedlimit/disable?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok", "speedlimit_enabled" : 0, "speedlimit" : 512, (kb/s) "speedlimit_minutes" : 10 }
Result failed	{ "result" : "not_logged_in" }

6. Sleep when done

Get current sleep when done state

Description	Get current Sleep when done state
GET Request URL	/api/sleepwhendone
Parameters	sessionid = Authentication Session ID
Example	/api/sleepwhendone?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok", "sleepwhendone" : true }
Result failed	{ "result" : "not_logged_in" }

Enable sleep when done

Description	Enable Sleep When done
GET Request URL	/api/sleepwhendone/enable
Parameters	sessionid = Authentication Session ID
Example	/api/sleepwhendone/enable?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok", "sleepwhendone" : true }
Result failed	{ "result" : "not_logged_in" }

Disable sleep when done

Description	Disable Sleep When Done
GET Request URL	/api/sleepwhendone/disable
Parameters	sessionid = Authentication Session ID
Example	/api/sleepwhendone/disable?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	{ "result" : "ok", "sleepwhendone" : false }
Result failed	{ "result" : "not_logged_in" }

7. Files

Get files for NZB id

Description	Get all files for a specific NZB Replace (nzbid) with NZB id.
GET Request URL	/api/file/(nzbid)
Parameters	sessionid = Authentication Session ID
Example	/api/file/1?sessionid=SID
API level	Introduced in API level 1
Needs Authentication	Yes
HTTP result codes	200 - Operation okay 403 - Authentication failed or expired; login again
Result success	<pre>{ "result" : "ok", "files" : [{ "id" : 1, "fileName" : "SomeFileName.rar" "state" : 1, "fileSize" : 1024, "downloadedSize" : 900, "totalDownloadSize" : 1250, "extractPasswordRequired" : 0, "extractPassword" : null, "postDate" : 1347130720 or null, "crc32CheckFailed" : 0 }, { file2 }] }</pre>
Result failed	<pre>{ "result" : "not_logged_in" }</pre>

8. States

NZB states

State	Description
0	Waiting
1	Downloading
2	Waiting for save
3	Saving
4	Saved
5	Password request
6	Queued for processing
7	User wait for processing
8	Checking
9	Repairing
10	Joining
11	Wait for further processing
12	Joining
13	Wait for uncompress
14	Uncompressing
15	Wait for cleanup
16	Cleaning up
17	Cleaned up
18	Moving to completed
19	Move completed
20	Done
21	Uncompress failed
22	Check failed, data corrupt
23	Move failed
24	Badly encoded download (uuencoded)

File states

State	Description
0	Waiting
1	Downloading
2	Downloaded
3	Saving
4	Saved
5	Skipped