

## FreeNAS - Bug #37806

### Create SabNZBD iocage plugin

07/11/2018 10:53 PM - Dru Lavigne

<b>Status:</b> Closed	
<b>Priority:</b> No priority	
<b>Assignee:</b> Martin Wilke	
<b>Category:</b> Plugins	
<b>Target version:</b> Backlog	
<b>Seen in:</b> 11.2-BETA2	<b>Needs Merging:</b> Yes
<b>Severity:</b> New	<b>Needs Automation:</b> No
<b>Reason for Closing:</b>	<b>Support Suite Ticket:</b> n/a
<b>Reason for Blocked:</b>	<b>Hardware Configuration:</b>
<b>Needs QA:</b> Yes	<b>ChangeLog Required:</b> No
<b>Needs Doc:</b> Yes	
<b>Description</b>	
This one is needed for feature parity with legacy plugins.	
<b>Related issues:</b>	
Related to FreeNAS - Umbrella #32442: Port remaining warden plugins to iocage	<b>Closed</b>
Related to FreeNAS - Feature #39573: Update iocage Plugins for BETA3	<b>Done</b>
Related to FreeNAS - Feature #44856: Update iocage Plugins for RC1	<b>Done</b>
Has duplicate FreeNAS - Bug #40416: SABNZBD and SONARR plugin installation is...	<b>Closed</b>

### History

#### #1 - 07/11/2018 10:53 PM - Dru Lavigne

- Related to Umbrella #32442: Port remaining warden plugins to iocage added

#### #2 - 07/12/2018 10:16 AM - Martin Wilke

@dru just to double check is this here <http://freshports.org/news/sabnzbdplus> the same?

#### #3 - 07/12/2018 02:24 PM - Dru Lavigne

Yes.

#### #4 - 07/12/2018 02:26 PM - Dru Lavigne

Master PR for initial work: <https://github.com/freenas/iocage-ix-plugins/pull/33> (plugin not complete yet)

#### #5 - 07/12/2018 02:26 PM - Dru Lavigne

- Status changed from Unscreened to In Progress

- Target version changed from 11.2-RC2 to 11.2-BETA2

#### #6 - 07/19/2018 10:06 AM - Dru Lavigne

- Status changed from In Progress to Not Started

- Target version changed from 11.2-BETA2 to 11.2-BETA3

#### #9 - 08/16/2018 06:35 AM - Dru Lavigne

- Has duplicate Bug #40416: SABNZBD and SONARR plugin installation issues on 11.2 Beta2 added

**#10 - 08/19/2018 12:47 AM - Disk Didler**

"unexpected http response 401 for <https://github.com/freenas/iocage-plugin-sabnzbd/info/refs?service=git-upload-pack>"

Can confirm, not working as of the 19'th on 11.2 Beta2?

**#11 - 08/20/2018 04:23 AM - Dru Lavigne**

- Target version changed from 11.2-BETA3 to 11.2-RC1

**#12 - 08/31/2018 06:14 AM - Bruno Pereira**

- Seen in changed from 11.2-BETA1 to 11.2-BETA2

Disk Didler wrote:

"unexpected http response 401 for <https://github.com/freenas/iocage-plugin-sabnzbd/info/refs?service=git-upload-pack>"

Can confirm, not working as of the 19'th on 11.2 Beta2?

I can confirm the issue in 11.2 Beta2, downloaded the iso and installed today:

```
Error: concurrent.futures.process._RemoteTraceback:
"""
Traceback (most recent call last):
  File "/usr/local/lib/python3.6/site-packages/dulwich/client.py", line 1261, in _http_request
    resp = self.opener.open(req)
  File "/usr/local/lib/python3.6/urllib/request.py", line 532, in open
    response = meth(req, response)
  File "/usr/local/lib/python3.6/urllib/request.py", line 642, in http_response
    'http', request, response, code, msg, hdrs)
  File "/usr/local/lib/python3.6/urllib/request.py", line 570, in error
    return self._call_chain(*args)
  File "/usr/local/lib/python3.6/urllib/request.py", line 504, in _call_chain
    result = func(*args)
  File "/usr/local/lib/python3.6/urllib/request.py", line 650, in http_error_default
    raise HTTPError(req.full_url, code, msg, hdrs, fp)
urllib.error.HTTPError: HTTP Error 401: Authorization Required
```

During handling of the above exception, another exception occurred:

```
Traceback (most recent call last):
  File "/usr/local/lib/python3.6/concurrent/futures/process.py", line 175, in _process_worker
    r = call_item.fn(*call_item.args, **call_item.kwargs)
  File "/usr/local/lib/python3.6/site-packages/middleware/worker.py", line 122, in main_worker
    res = loop.run_until_complete(coro)
  File "/usr/local/lib/python3.6/asyncio/base_events.py", line 468, in run_until_complete
    return future.result()
  File "/usr/local/lib/python3.6/site-packages/middleware/worker.py", line 82, in _run
    return await self._call(f'{service_name}.{method}', serviceobj, methodobj, params=args, job=job)
  File "/usr/local/lib/python3.6/site-packages/middleware/worker.py", line 75, in _call
    return methodobj(*params)
  File "/usr/local/lib/python3.6/site-packages/middleware/worker.py", line 75, in _call
    return methodobj(*params)
  File "/usr/local/lib/python3.6/site-packages/middleware/schema.py", line 662, in nf
    return f(*args, **kwargs)
  File "/usr/local/lib/python3.6/site-packages/middleware/plugins/jail.py", line 248, in fetch
    iocage.fetch(**options)
  File "/usr/local/lib/python3.6/site-packages/iocage/lib/iocage.py", line 909, in fetch
    props, accept_license=accept, official=official)
  File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_plugin.py", line 690, in fetch_plugin_index
    props, 0, accept_license)
  File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_plugin.py", line 128, in fetch_plugin
    self.__fetch_plugin_post_install__(conf, _conf, jaildir, jail_name)
  File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_plugin.py", line 515, in __fetch_plugin_post_install__
    self.__clone_repo(conf['artifact'], f'{jaildir}/plugin')
  File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_plugin.py", line 1233, in __clone_repo
```

```
remote_refs = client.fetch(repo_url, local)
File "/usr/local/lib/python3.6/site-packages/dulwich/client.py", line 363, in fetch
progress)
File "/usr/local/lib/python3.6/site-packages/dulwich/client.py", line 1398, in fetch_pack
b"git-upload-pack", url)
File "/usr/local/lib/python3.6/site-packages/dulwich/client.py", line 1282, in _discover_references
resp, read = self._http_request(url, headers, allow_compression=True)
File "/usr/local/lib/python3.6/site-packages/dulwich/client.py", line 1267, in _http_request
(e.code, url))
dulwich.errors.GitProtocolError: unexpected http response 401 for https://github.com/freenas/iocage-plugin-sab
nzbdr/info/refs?service=git-upload-pack
"""
```

The above exception was the direct cause of the following exception:

```
Traceback (most recent call last):
File "/usr/local/lib/python3.6/site-packages/middlewared/job.py", line 332, in run
await self.future
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw
return self.gen.throw(type, value, traceback)
File "/usr/local/lib/python3.6/site-packages/middlewared/job.py", line 356, in __run_body
rv = await self.middleware._call_worker(self.serviceobj, self.method_name, *self.args, job={'id': self.id})
)
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw
return self.gen.throw(type, value, traceback)
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 977, in _call_worker
job,
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw
return self.gen.throw(type, value, traceback)
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 908, in run_in_proc
return await self.run_in_executor(self.__procpool, method, *args, **kwargs)
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw
return self.gen.throw(type, value, traceback)
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 902, in run_in_executor
return await loop.run_in_executor(pool, functools.partial(method, *args, **kwargs))
dulwich.errors.GitProtocolError: unexpected http response 401 for https://github.com/freenas/iocage-plugin-sab
nzbdr/info/refs?service=git-upload-pack
```

#13 - 09/02/2018 12:18 AM - freenas forum

Bruno Pereira wrote:

Disk Didler wrote:

"unexpected http response 401 for <https://github.com/freenas/iocage-plugin-sabnzbd/info/refs?service=git-upload-pack>"

Can confirm, not working as of the 19th on 11.2 Beta2?

I can confirm the issue in 11.2 Beta2, downloaded the iso and installed today:

[...]

Similar issue using 11.2 Beta2.

```
iocage fetch --plugins --name "sabnzbd" ip4_addr="bge0|192.168.7.13"
```

Plugin: SABnzbd

Official Plugin: True

Using RELEASE: 11.2-RELEASE

Post-install Artifact: <https://github.com/freenas/iocage-plugin-sabnzbd>

These pkgs will be installed:

- news/sabnzbdplus

Fetching artifact...

Traceback (most recent call last):

File "/usr/local/lib/python3.6/site-packages/dulwich/client.py", line 1261, in \_http\_request

resp = self.opener.open(req)

File "/usr/local/lib/python3.6/urllib/request.py", line 532, in open

response = meth(req, response)

File "/usr/local/lib/python3.6/urllib/request.py", line 642, in http\_response

'http', request, response, code, msg, hdrs)

File "/usr/local/lib/python3.6/urllib/request.py", line 570, in error

return self.\_call\_chain(\*args)

File "/usr/local/lib/python3.6/urllib/request.py", line 504, in \_call\_chain

result = func(\*args)

File "/usr/local/lib/python3.6/urllib/request.py", line 650, in http\_error\_default

raise HTTPError(req.full\_url, code, msg, hdrs, fp)

urllib.error.HTTPError: HTTP Error 401: Authorization Required

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "/usr/local/bin/iocage", line 10, in <module>

sys.exit(cli())

File "/usr/local/lib/python3.6/site-packages/click/core.py", line 722, in call

return self.main(**args**, **\*\*kwargs**)

**File "/usr/local/lib/python3.6/site-packages/click/core.py", line 697, in main**

**rv = self.invoke(ctx)**

**File "/usr/local/lib/python3.6/site-packages/click/core.py", line 1066, in invoke**

**return process\_result(sub\_ctx.command.invoke(sub\_ctx))**

**File "/usr/local/lib/python3.6/site-packages/click/core.py", line 895, in invoke**

**return ctx.invoke(self.callback, **\*\*ctx.params**)**

**File "/usr/local/lib/python3.6/site-packages/click/core.py", line 535, in invoke**

**return callback(\*args, **\*\*kwargs**)**

**File "/usr/local/lib/python3.6/site-packages/iocage/cli/fetch.py", line 136, in cli**

**ioc.IOcage(exit\_on\_error=True).fetch(**\*\*kwargs**)**

File "/usr/local/lib/python3.6/site-packages/iocage/lib/iocage.py", line 909, in fetch

props, accept\_license=accept, official=official)

File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc\_plugin.py", line 690, in fetch\_plugin\_index

props, 0, accept\_license)

File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc\_plugin.py", line 128, in fetch\_plugin

self.\_fetch\_plugin\_post\_install\_(conf, conf, jaildir, jail\_name)

File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc\_plugin.py", line 515, in fetch\_plugin\_post\_install

self.\_clone\_repo(conf['artifact'], f'{jaildir}/plugin')

File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc\_plugin.py", line 1233, in \_clone\_repo

remote\_refs = client.fetch(repo\_url, local)

File "/usr/local/lib/python3.6/site-packages/dulwich/client.py", line 363, in fetch

progress)

File "/usr/local/lib/python3.6/site-packages/dulwich/client.py", line 1398, in fetch\_pack

```
b"git-upload-pack", url)
File "/usr/local/lib/python3.6/site-packages/dulwich/client.py", line 1282, in _discover_references
resp, read = self._http_request(url, headers, allow_compression=True)
File "/usr/local/lib/python3.6/site-packages/dulwich/client.py", line 1267, in _http_request
(e.code, url))
dulwich.errors.GitProtocolError: unexpected http response 401 for https://github.com/freenas/iocage-plugin-sabnzbd/info/refs?service=git-upload-pack
```

#### #14 - 09/02/2018 12:51 AM - Disk Didler

If I'm right, I think we're trying a plugin that's actually barely been started, it actually shouldn't be in the list.

They're changing it so that half complete plugins are not in the list, but right now, they're still listed. Hopefully they start this one, before B3 in 8 days though.

#### #15 - 09/02/2018 02:21 AM - freenas forum

Disk Didler wrote:

If I'm right, I think we're trying a plugin that's actually barely been started, it actually shouldn't be in the list.

They're changing it so that half complete plugins are not in the list, but right now, they're still listed. Hopefully they start this one, before B3 in 8 days though.

Ahh thanks. That makes sense. If this is all on GIT is there any docs that you know of that we can perhaps pick this up?

The GITLAB plugin worked. Perhaps in the mean time we can update the 'official' flag in the JSON to an informative message. I'm assuming that the raw text from the json is displayed in the plugin list and that this won't impact 11.1.

#### #16 - 09/02/2018 02:26 AM - Disk Didler

If you just hold out a few days, you'll find it'll work soon.

#### #17 - 09/05/2018 07:50 AM - Dru Lavigne

- Related to Feature #39573: Update iocage Plugins for BETA3 added

#### #18 - 09/05/2018 01:23 PM - Dru Lavigne

- Related to Feature #44856: Update iocage Plugins for RC1 added

#### #19 - 09/12/2018 11:53 PM - Disk Didler

If you'd like a hand with this plugin, I'm trying to learn how to write one in this thread:

<https://forums.freenas.org/index.php?threads/creating-and-testing-iocage-plugins.69788/#post-481813>

Either way, the reason it's not working dead easily (just install the freshport package) is there's a line called "host" in the ini file, which is pointing to the wrong IP address, if you look at my script, you can see one method of fixing it.

There could be other things, but that's all I had to do, to get it working for me. I hope this helps.  
(Regardless, I'll be continuing practicing building a plugin, in that thread with this software)

Thanks

#### #20 - 09/13/2018 06:24 PM - Disk Didler

Ok this now works perfectly, but I don't want to be responsible for maintaining it because I'm not smart enough (sorry guys)  
Here's the information: <https://github.com/jaxjexjox/freenasplugintest>

Here's my json file:

```
{
  "name": "sabnzbdtest",
  "release": "11.1-RELEASE",
  "artifact": "https://github.com/jaxjexjox/freenasplugintest.git",
  "pkgs": [
    "news/sabnzbdplus"
  ],
  "packagesite": "http://pkg.FreeBSD.org/FreeBSD:11:amd64/quarterly",
  "fingerprints": {
    "iocage-plugins": [
      {
        "function": "sha256",
        "fingerprint": "b0170035af3acc5f3f3ae1859dc717101b4e6c1d0a794ad554928ca0cbb2f438"
      }
    ]
  },
  "official": false
}
```

Please feel free to steal / copy all of this if it helps. I'd love to submit it and go through that process, but I don't know what would happen if things break (if I become the owner)

Thanks again. Couldn't have done it without Jurgen.

#### #21 - 10/02/2018 05:14 AM - Dru Lavigne

- Target version changed from 11.2-RC1 to 11.2-RC2

**#22 - 10/23/2018 06:17 AM - Dru Lavigne**

- Target version changed from 11.2-RC2 to Backlog

**#23 - 10/25/2018 08:40 AM - Dru Lavigne**

- Related to Feature #53790: Update iocage Plugins for 11.2-RC2 added

**#24 - 11/05/2018 05:51 AM - Dru Lavigne**

- Related to deleted (Feature #53790: Update iocage Plugins for 11.2-RC2)

**#25 - 12/19/2018 07:01 AM - Dru Lavigne**

- Category changed from OS to Plugins

**#26 - 12/29/2018 02:43 PM - Richard Fuller**

I had to reinstall my server and I'm blocked on SabNZBd being missing. I'd like to help with this if someone can run me through what's required. Martin?

**#27 - 01/28/2019 06:00 PM - Disk Didler**

Target version 11.3 or backlog?.....

**#28 - 01/30/2019 04:48 PM - Disk Didler**

<https://www.freshports.org/news/sabnzbdplus/>

Finally 2.3.7 - if we can get this in, will be good.

**#29 - 03/01/2019 10:48 PM - Matt B**

Has there been any movement on this? I notice the JSON is still present in the master branch of iocage-ix-plugins but the repository that file points to is still behind an authentication wall. Disk's version looks like it might not be appropriate to install since the INI file in it has some API keys which may not be intentional. I think it's a better option for me to try my own hand at spinning up an iocage plugin for this but I don't want to duplicate work if it's already being worked on by somebody.

**#30 - 03/01/2019 11:12 PM - Disk Didler**

I think if you use mine, then just regenerate the key it might be ok?  
I can remove the key.

I'm stuck at an older version because I can't be bothered upgrading. (I also use news pretty rarely)  
I heard from Dru they seem to be reducing the amount of plugins they will maintain, in the hope the community will maintain some and that seems fine but they're really going to have to encourage people develop them.

I mean don't quote me here but the fact it took me, an amateur to try in my spare time to make this and it /seems/ no one else is bothering is kind of worrying. We need more community involvement and or more community.

Honestly I wish there was some kind of bounty program. I'd pay \$1 for every release of my favourite few plugins. Like a patreon for plugin developers, who knows.

They need these plugins to pull in more users, with more users, more potential developers.  
Anyhow, feel free to use my version and just nuke the key - although I'm unsure if it still even works :(

#31 - 04/08/2019 09:19 AM - Kris Moore

- Status changed from Not Started to Closed