FreeNAS - Bug #35395

Apply handleWSError to the websocket of the storage section in new UI

06/20/2018 09:08 AM - Waqar Ahmed

Status:	Done		
Priority:	No priority		
Assignee:	Erin Clark		
Category:	GUI (new)		
Target version:	11.2-BETA3		
Seen in:	Master - FreeNAS Nightlies	**Needs Merging:**	No
Severity:	New	**Needs Automation:**	No
Reason for Closing:		**Support Suite Ticket:**	n/a
Reason for Blocked:		**Hardware Configuration:**	
Needs QA:	No	**ChangeLog Required:**	No
Needs Doc:	No		

Description

When a validation exception is raised from Middleware, new UI does not display that exception on the respective field, rather it displays a popup and the relevant traceback. For an example we can have a look at the old UI, if there's a form and middleware raised an exception for some field in the form, that error will only be shown above the respective field. I think this approach is more user friendly and displays a neat overview of the validation errors raised for fields involved.

Related issues:

Related to FreeNAS - Bug #43745: Apply handleWSError to the websocket of the ...	**Done**

Associated revisions

Revision 00687d65 - 08/07/2018 05:39 PM - Erin Clark

Apply handleWSError to the websocket using forms of the storage section

Ticket: #35395

Revision 8b8c1327 - 08/29/2018 03:56 PM - Erin Clark

handleWSError should not reassign the dialog service (this might do weird things)

Ticket: #35395

Revision aef088df - 08/29/2018 03:57 PM - Erin Clark

Apply handleWSError throughout jails section

Ticket: #35395

History

#1 - 06/20/2018 09:08 AM - Waqar Ahmed

- File einvalidation.png added

#2 - 06/22/2018 04:53 PM - Erin Clark

- Status changed from Unscreened to Screened

#3 - 07/14/2018 03:53 PM - Dru Lavigne

- Target version changed from Backlog to 11.2-RC2

#4 - 07/17/2018 11:12 AM - Dru Lavigne

- Target version changed from 11.2-RC2 to 11.2-BETA3

#6 - 08/07/2018 05:43 PM - Erin Clark

- Status changed from Screened to In Progress

This should be fixed in most websocket using forms using EntityUtils.handleWSError() now but it was not fixed for zvols as mentioned in the ticket and a couple other pages in the storage section so this PR should apply it to those pages:

https://github.com/freenas/webui/pull/1101

#7 - 08/14/2018 10:40 AM - Erin Clark

- Status changed from In Progress to Ready for Testing

#8 - 08/14/2018 10:44 AM - Dru Lavigne

- Subject changed from Tracebacks on validation errors to Apply handleWSError to the websocket of the storage section in new UI

- Needs Doc changed from Yes to No

- Needs Merging changed from Yes to No

#10 - 08/29/2018 08:56 AM - Michael Reynolds

- File Jail-Destination-Path-Screenshot-2018-08-29.png added

Jails -> On an existing jail -> Options (3 verticla dots) -> Mountpoints -> Add Mount Point

Choose Source dataset
Choose Destination

Get a traceback popup
see Jail-Destination-Path-Screenshot-2018-08-29.png

[EINVAL] destination: Destination should not include the jail path. e.g "/mnt/iocage/jails/btsync/root/" Path should be specifiedafter /

Traceback text
Error: concurrent.futures.process._RemoteTraceback:
"""
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/middlewared/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/middlewared/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/middlewared/worker.py", line 75, in _call
return methodobj(*params)
File "/usr/local/lib/python3.6/site-packages/middlewared/worker.py", line 75, in _call
return methodobj(*params)
File "/usr/local/lib/python3.6/site-packages/middlewared/schema.py", line 668, in nf
return f(*args, **kwargs)
File "/usr/local/lib/python3.6/site-packages/middlewared/plugins/jail.py", line 550, in fstab
raise verrors
middlewared.service_exception.ValidationErrors: [EINVAL] destination: Destination should not include the jail path. e.g "/mnt/iocage/jails/btsync/root/"
Path should be specifiedafter /

"""

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/main.py", line 155, in call_method
result = await self.middleware.call_method(self, message)
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 1023, in call_method
return await self._call(message['method'], serviceobj, methodobj, params, app=app, io_thread=False)
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 960, in _call
return await self._call_worker(serviceobj, name, *args)
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 987, 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 918, 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 912, in run_in_executor
return await loop.run_in_executor(pool, functools.partial(method, *args, **kwargs))
middlewared.service_exception.ValidationErrors: [EINVAL] destination: Destination should not include the jail path. e.g "/mnt/iocage/jails/btsync/root/"
Path should be specifiedafter /

I've tried multiple ways to specify the destination path and cannot get a path that works. The tooltip/docs state if the destination dir does not exist it will be created, so I should be able to specify bug-42485 under mnt and have that dir created.

Using the file browser gives a path of /mnt/iocage/jails/jail33/root/mnt/

This will be a good one to see how this new error handling works, plus I'll be able to verify another bug.

#11 - 08/29/2018 10:00 AM - Michael Reynolds
- Status changed from Ready for Testing to Failed Testing

#13 - 08/29/2018 11:55 AM - Michael Reynolds

- File IncorrectUsernameOrPass-2018-08-29.png added

System:Support -> enter an invalid username or password
See IncorrectUsernameOrPass-2018-08-29.png

Was able to confirm we know this is a username or password error as once you leave the Password field with an invalid username or password specified, the error dialog given pops up. The user hasn't even made it to other fields at that point, so it has to be the username or password.

#14 - 08/29/2018 12:42 PM - Michael Reynolds

- File VM-DatasetDoesNotExist-2018-08-29.png added

#15 - 08/29/2018 01:30 PM - Michael Reynolds

- File deleted (VM-DatasetDoesNotExist-2018-08-29.png)

#16 - 08/29/2018 02:16 PM - Michael Reynolds

The incorrect username/password error doesn't get this fix per Erin.

Split off to new ticket https://redmine.ixsystems.com/issues/43624

#18 - 08/29/2018 04:00 PM - Erin Clark

https://github.com/freenas/webui/pull/1210 this should hopefully handle websocket errors in the jails section a little better

#19 - 08/29/2018 06:09 PM - Michael Reynolds

Checked out the fix in branch

Except for the bad wording and missing space on the error message, this looks great.

See DestPathError-Fixed-2018-08-29-21-05-47.png

There are more areas that need to be fixed.
Marking as In Progress for now.

#20 - 08/30/2018 06:01 AM - Dru Lavigne

- Status changed from Failed Testing to In Progress

#21 - 08/30/2018 06:34 AM - Michael Reynolds

- File JailWithSameName-2018-08-30.png added

Creating a jail with the same name as an existing jail gives the EINVAL popup still
see: JailWithSameName-2018-08-30.png

#24 - 08/30/2018 07:18 AM - Dru Lavigne

- Related to Bug #43745: Apply handleWSError to the websocket of the Jails section in new UI added

#25 - 08/30/2018 11:20 AM - Erin Clark

- Status changed from In Progress to Ready for Testing

#26 - 09/06/2018 07:30 AM - Michael Reynolds

- Status changed from Ready for Testing to Passed Testing

- Needs QA changed from Yes to No

The only issue left to test in this one is adding an invalid path and that was fixed. Everything else has split off to other tickets.

#27 - 09/06/2018 07:32 AM - Dru Lavigne

- Status changed from Passed Testing to Done

Files

einvalidation.png	120 KB	06/20/2018	Waqar Ahmed
Jail-Destination-Path-Screenshot-2018-08-29.png	22.3 KB	08/29/2018	Michael Reynolds
IncorrectUsernameOrPass-2018-08-29.png	45.4 KB	08/29/2018	Michael Reynolds
JailWithSameName-2018-08-30.png	7 KB	08/30/2018	Michael Reynolds