

## FreeNAS - Bug #41044

### Fix traceback when creating an internal certificate

08/08/2018 10:00 AM - Bonnie Follweiler

<b>Status:</b> Done	
<b>Priority:</b> No priority	
<b>Assignee:</b> Waqar Ahmed	
<b>Category:</b> Middleware	
<b>Target version:</b> 11.1-U6	
<b>Seen in:</b> 11.1-U6	<b>Needs Merging:</b> No
<b>Severity:</b> Med High	<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> No	<b>ChangeLog Required:</b> No
<b>Needs Doc:</b> No	

**Description**

In FreeNAS 11.1-U6 Internal1  
I get a traceback message when trying to create Internal Certificate  
Request Method: POST  
Request URL: <http://10.231.3.50/system/certificate/create/internal/>  
Software Version: FreeNAS-11.1-U6-INTERNAL1 (63af3f037)  
Exception Type: TypeError  
Exception Value:

serial must be an integer

Exception Location: /usr/local/lib/python3.6/site-packages/OpenSSL/crypto.py in set\_serial\_number, line 1148  
Server time: Wed, 8 Aug 2018 12:38:08 -0400

Traceback

Environment:

Software Version: FreeNAS-11.1-U6-INTERNAL1 (63af3f037)  
Request Method: POST  
Request URL: <http://10.231.3.50/system/certificate/create/internal/>

Traceback:

```
File "/usr/local/lib/python3.6/site-packages/django/core/handlers/exception.py" in inner
42.         response = get_response(request)
File "/usr/local/lib/python3.6/site-packages/django/core/handlers/base.py" in _legacy_get_response
249.         response = self._get_response(request)
File "/usr/local/lib/python3.6/site-packages/django/core/handlers/base.py" in _get_response
178.         response = middleware_method(request, callback, callback_args, callback_kwargs)
File "./freenasUI/freeadmin/middleware.py" in process_view
162.         return login_required(view_func)(request, *view_args, **view_kwargs)
File "/usr/local/lib/python3.6/site-packages/django/contrib/auth/decorators.py" in _wrapped_view
23.         return view_func(request, *args, **kwargs)
File "./freenasUI/system/views.py" in certificate_create_internal
1984.         form.save()
File "./freenasUI/system/forms.py" in save
3332.         cert.set_serial_number(cert_serial)
File "/usr/local/lib/python3.6/site-packages/OpenSSL/crypto.py" in set_serial_number
1148.         raise TypeError("serial must be an integer")
```

Exception Type: TypeError at /system/certificate/create/internal/

Exception Value: serial must be an integer

Request information

GET

No GET data

POST

Variable Value

all ""  
cert\_signedby '1'  
cert\_name 'minis3test'  
cert\_key\_length '2048'  
cert\_digest\_algorithm 'SHA256'  
cert\_lifetime '3650'  
cert\_country 'US'  
cert\_state 'Tennessee'  
cert\_city 'Maryville'  
cert\_organization 'IXsystems'  
cert\_email '[bonnie@ixsystems.vom](mailto:bonnie@ixsystems.vom)'  
cert\_common 'minixls3cert'  
cert\_san ""  
\_\_form\_id 'form\_CertificateCreateInternalForm'

FILES

No FILES data

COOKIES

Variable Value

csrftoken \*\*\*\*\*  
fntreeSaveStateCookie 'root%2Croot%2F1%2Croot%2F1%2F5%2Croot%2F62%2Croot%2F1%2F6%2Croot%2F120'  
sessionid '39qchw8e4vhjdecbnka1vz7t2unyctp'

META

Variable Value

Debug coming as soon as it's done

## Associated revisions

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### Revision 9cbf3e85 - 08/08/2018 12:18 PM - Waqar Ahmed

Bug fix for serial field in certs for 11.1/U-6

This commit fixes a bug in which the system was unable to set serials for certs because of a type error.

Ticket: #41044

### Revision 3964ce38 - 08/08/2018 12:28 PM - Waqar Ahmed

Bug fix for serial field in certs for 11.1/U-6

This commit fixes a bug in which the system was unable to set serials for certs because of a type error.

Ticket: #41044

## History

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### #1 - 08/08/2018 10:03 AM - William Grzybowski

- Assignee changed from William Grzybowski to Waqar Ahmed

- Severity changed from New to Med High

Waqar, can you investigate this, please? Not sure how this regressed.

### #2 - 08/08/2018 10:05 AM - Dru Lavigne

- Target version changed from Backlog to 11.1-U6

**#3 - 08/08/2018 10:10 AM - Bonnie Follweiler**

- File debug-bonniemini-20180808130843.tgz added

**#4 - 08/08/2018 10:10 AM - Bonnie Follweiler**

- Private changed from No to Yes

**#5 - 08/08/2018 10:11 AM - Waqar Ahmed**

- Status changed from Unscreened to In Progress

**#6 - 08/08/2018 12:40 PM - Dru Lavigne**

- Subject changed from Traceback when creating an Internal Certificate to Fix traceback when creating an internal certificate

- Status changed from In Progress to Ready for Testing

- Needs Doc changed from Yes to No

- Needs Merging changed from Yes to No

11.1-stable PR: <https://github.com/freenas/freenas/pull/1660>

**#7 - 08/08/2018 12:40 PM - Dru Lavigne**

- Private changed from Yes to No

**#8 - 08/13/2018 10:17 AM - Bonnie Follweiler**

- Status changed from Ready for Testing to Passed Testing

- Needs QA changed from Yes to No

Passed Testing in FreeNAS-11.1-U6-INTERNAL3

**#9 - 08/13/2018 10:20 AM - Dru Lavigne**

- Status changed from Passed Testing to Done

**#10 - 08/20/2018 08:10 AM - Dru Lavigne**

- File deleted (debug-bonniemini-20180808130843.tgz)