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Getting 500 internal server error while accessing horizon dashboard in ubuntu icehouse

| horizon-500-error |

Hi, While accessing horizon dashboard(ubuntu:icehouse) I am getting 500 internal server error. apache2 log file gives following error:

asked **May 20 '14**
freenavigator
45 ●1 ●3 ●9

```
File "/usr/lib/python2.7/dist-packages/horizon/utils/secret_key.py", line 65, in generate_or_r
ead_from_file
    with open(key_file, 'r') as f:
IOError: [Errno 13] Permission denied: '/var/lib/openstack-dashboard/secret_key'
[error] [client 10.0.0.70] File does not exist: /var/www/favicon.ico
```

I have gone through similar posts for 500 internal error but none seems to related to this scenario (i.e. permission denied). Any clue!

Full backtrace:

```
[Tue May 20 10:00:56 2014] [warn] mod_wsgi: Compiled for Python/2.7.2+.
[Tue May 20 10:00:56 2014] [warn] mod_wsgi: Runtime using Python/2.7.3.
[Tue May 20 10:00:56 2014] [notice] Apache/2.2.22 (Ubuntu) mod_wsgi/3.3 Python/2.7.3 configur
ed -- resuming normal operations
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151] mod_wsgi (pid=17310): Exception occurr
ed processing WSGI script '/usr/share/openstack-dashboard
/openstack_dashboard/wsgi/django.wsgi'.
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151] Traceback (most recent call last):
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151]   File "/usr/lib/python2.7/dist-packag
es/django/core/handlers/wsgi.py", line 187, in __call__
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151]     self.load_middleware()
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151]   File "/usr/lib/python2.7/dist-packag
es/django/core/handlers/base.py", line 46, in load_middle
ware
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151]     for middleware_path in settings.MI
DDLEWARE_CLASSES:
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151]   File "/usr/lib/python2.7/dist-packag
es/django/conf/__init__.py", line 54, in __getattr__
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151]     self._setup(name)
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151]   File "/usr/lib/python2.7/dist-packag
es/django/conf/__init__.py", line 49, in _setup
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151]     self._wrapped = Settings(settings_
module)
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151]   File "/usr/lib/python2.7/dist-packag
es/django/conf/__init__.py", line 128, in __init__
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151]     mod = importlib.import_module(self
.SETTINGS_MODULE)
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151]   File "/usr/lib/python2.7/dist-packag
es/django/utils/importlib.py", line 40, in import_module
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151]     __import__(name)
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151]   File "/usr/share/openstack-dashboar
d/openstack_dashboard/wsgi/../../openstack_dashboard/setti
ngs.py", line 219, in <module>
[Tue May 20 10:01:16 2014] [error] [client 10.0.8.151]     from local.local_settings import *
# noqa
[Tue May ...
```

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4 answers

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2   Can you check keystone log whether it has created proper keys in /var/lib/openstack-dashboard/secret_key and you have right authentication for user. Then try to login with proper authentication.

answered **May 20 '14**
SGPJ
11309 ●69 ●121 ●173
http://qoo.ql/XF4iv2
updated **May 20 '14**

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2   I just run into the same issue with a fresh install of Ocata on Ubuntu 16.04 LTS.

Had to chown from root to www-data to get it working.

answered **Mar 15 '17**
Nosmoht
21 ●1 ●2

Comments   link

Can you elaborate on what you did? I am having the same issue for Ocata on Ubuntu 16.04. Thanks!
DC (**Mar 16 '17**)

This worked for me

```
sudo chown www-data /var/lib/openstack-dashboard/secret_key
sudo service apache2 reload
```

mckaycr (**Mar 30 '17**)

I had the same problem. Worked for me, too. Nice! Thanks!
tk8 (**Aug 29 '17**)

this one also worked for me as well. Many Thanks!
berkcelebi (**Oct 31 '17**)

add a comment

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2   OK... Now able to login with following workaround: I have manually changed the owner of file /var/lib/openstack-dashboard/secret_key from **root** to **horizon** Somewhere during the steup horizon might have tried to set the wrong owner (root) for this file.

answered **May 20 '14**
freenavigator
45 ●1 ●3 ●9

add a comment   link

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1   If you would do cat /etc/passwd that should show this

horizon:x:121:131::/var/lib/openstack-dashboard:/bin/false

In my case it was set incorrectly and hence fixed it like this

root@ozt:/var/lib/openstack-dashboard# chown horizon:horizon secret_key root@ozt:/var/lib/openstack-dashboard# service apache2 restart
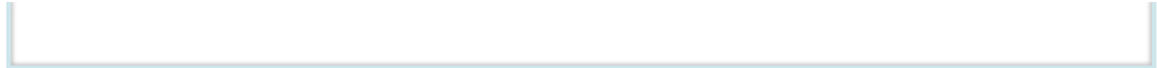
answered **Oct 22 '18**
agupta
11 ●2 ●4 ●3

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