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EAP 6 vault tool java.lang.NullPointerException

🕒 Updated July 28 2014 at 10:23 AM

🚩 ISSUE

- On attempting to create a password vault with `vault.sh` a `NullPointerException` occurs while starting an interactive session.
- `vault.sh` is giving an error

```
*****
****  JBoss Vault  *****
*****
Please enter a Digit::  0: Start Interactive Session  1: Remove I
0
Starting an interactive session
Enter directory to store encrypted files:/home/guest/
Enter Keystore URL:/home/guest/keys/vault.keystore
Enter Keystore password:
Enter Keystore password again:
Values match
Enter 8 character salt:12345678
Enter iteration count as a number (Eg: 44):30
Enter Keystore Alias:jboss
Initializing Vault
Exception encountered:Exception encountered:java.lang.NullPointerE
Please enter a Digit::  0: Start Interactive Session  1: Remove I
```

- Getting Null Pointer Exception when using the keystore form EAP version prior to EAP 6.1.1.

ENVIRONMENT

- Red Hat JBoss Enterprise Application Platform (EAP)
 - 6.1.1
 - 6.2.x

✓ RESOLUTION

- Verify the keystore is valid and can be accessed with the password.

ROOT CAUSE

- The shell command line can translate special characters (for example, "\$") causing the password to be different than expected.

DIAGNOSTIC STEPS

- Verify that the keystore can be read by using the following command and providing the password using the interactive prompt (do NOT pass the password using `-storepass`):

```
keytool -list -keystore path/to/vault/vault.keystore -storetype :
```

- The keystore type needs to be specified as `jceks` with JBoss Enterprise Application Platform 6.1.1 and later.

Product(s)

[Red Hat JBoss Enterprise Application Platform \(https://access.redhat.com/search/browse/solutions#?&portal_product=Red+Hat+JBoss+Enterprise+Application+Platform\)](https://access.redhat.com/search/browse/solutions#?&portal_product=Red+Hat+JBoss+Enterprise+Application+Platform)

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COMMENTS



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Newbie

5 points

We've also seen this error occurring when someone misses off the trailing / of the path to the directory where we store the datafile

April 30 2014 at 9:34 AM (<https://access.redhat.com/solutions/535113#comment-748273>)

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