

Infrastructure - Task #292

Building out CN development VM resulted in errors from tomcat

2010-02-26 23:50 - Robert Waltz

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Matthew Jones	% Done:	100%
Category:	d1_cn_service	Estimated time:	0.00 hour
Target version:	CCI-0.3 Deployed	Story Points:	
Milestone:			
Product Version:	*		

Description

I have been able to build and run a cn VM with Ubuntu 9.10 64bit server following Dave's instructions (excludes mercury). However, I noticed a lot of errors in the syslog file:

```
Feb 26 10:34:56 ubuntu jsvc.execr1231: Feb 26, 2010 10:34:56 AM java.util.prefs.FileSystemPreferences$2 run#893WARNING: Couldn't create user preferences directory. User preferences are unusable.#893Feb 26, 2010 10:34:56 AM java.util.prefs.FileSystemPreferences$2 run#893WARNING: java.io.IOException: No such file or directory
```

```
Feb 26 10:35:02 ubuntu jsvc.execr1231: knb 20100226-10:35:02: [WARN]: I/O error finding backup location: Could not create directory: /usr/share/tomcat6/.knb [edu.ucsb.nceas.metacat.util.SystemUtil]
```

```
Feb 26 11:05:28 ubuntu jsvc.execr1231: Feb 26, 2010 11:05:28 AM java.util.prefs.FileSystemPreferences checkLockFile0ErrorCode#893WARNING: Could not lock User prefs. Unix error code 2.#893Feb 26, 2010 11:05:28 AM java.util.prefs.FileSystemPreferences syncWorld#893WARNING: Couldn't flush user prefs: java.util.prefs.BackingStoreException: Couldn't get file lock.
```

I went through and change groups and owner to tomcat6 (chown -R tomcat6.tomcat6) on several different directories:

```
/var/metacat
/var/lib/tomcat6
/usr/share/tomcat6
```

Doing that seems to have cleared the above errors.

These changes will need to be made to the deployment script

History

#1 - 2010-03-01 20:33 - Dave Vieglais

I can verify that the "Couldn't get file lock" messages are appearing in my log:

```
Feb 4, 2010 10:26:02 PM java.util.prefs.FileSystemPreferences syncWorld
WARNING: Couldn't flush user prefs: java.util.prefs.BackingStoreException: Couldn't get file lock.
```

but the application (/knb) operates as expected. The other warnings did not appear in my logs. Permissions on the folders mentioned on my system:

```
ls -la /var/metacat/
total 12
drwxr-xr-x 3 tomcat6 root 4096 2010-02-04 10:18 .
drwxr-xr-x 17 root root 4096 2010-02-04 10:18 ..
drwxr-xr-x 2 tomcat6 tomcat6 4096 2010-02-04 15:11 .knb
```

```
ls -la /var/lib/tomcat6
total 12
drwxr-xr-x 3 root root 4096 2010-02-04 10:15 .
drwxr-xr-x 34 root root 4096 2010-02-04 10:15 ..
lrwxrwxrwx 1 root root 12 2010-02-04 10:15 conf -> /etc/tomcat6
lrwxrwxrwx 1 root root 17 2010-02-04 10:15 logs -> ../log/tomcat6
drwxrwxr-x 4 root tomcat6 4096 2010-02-04 15:02 webapps
lrwxrwxrwx 1 root root 19 2010-02-04 10:15 work -> ../cache/tomcat6
```

```
ls -la /usr/share/tomcat6
```

total 20
drwxr-xr-x 5 root root 4096 2010-02-04 10:15 .
drwxr-xr-x 120 root root 4096 2010-02-04 15:02 ..
drwxr-xr-x 2 root root 4096 2010-02-04 10:15 bin
drwxr-xr-x 2 root root 4096 2010-02-04 10:15 lib
drwxr-xr-x 3 root root 4096 2010-02-04 10:15 webapps

#2 - 2010-08-05 22:04 - Matthew Jones

- *Status changed from New to Closed*

Fixed in the course of CN upgrades.

#3 - 2010-10-27 16:12 - Dave Vieglais

- *Category changed from d1_cn_buildout to d1_cn_service*