

[V8] ISSUE: AhsayCBS services on Linux are not automatically starting up after a server reboot (AhsayCBS installation on Linux)

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Product Version:

AhsayCBS: 8.3.2.11 to 8.x

OS: Linux

Problem Description

After installation AhsayCBS on a newer versions of the following Linux distributions, for example, the CentOS 8, Red Hat Enterprise 8, or Ubuntu 20.04 LTS. After the server is rebooted or shutdown / started, both the AhsayCBS and NFS services are not automatically started up.

The two services must be manually started with the following scripts:

- AhsayCBS service - /usr/local/cbs/bin/startup.sh
- NFS service - /usr/local/cbs/nfs/bin/startup.sh

Cause

This issue is related to a problem with the AhsayCBS installation script and the Linux systemd utility (systemctl).

Resolution

To workaround this issue, it is recommended to perform the following steps:

1. Login to the Linux server as root.
2. Run the following commands:

```
>systemctl enable cbs  
and
```

```
>systemctl enable cbsnfs
```

3. Reboot the server afterward.
4. After the server is restarted, you can use the following commands to confirm if the services are running properly.

```
# ps -ef| grep java
root      1372      1 12 10:26 ?        00:01:19 /usr/local/cbs/java/bin/java -
Djava.util.logging.config.file=/usr/local/cbs/conf/logging.properties -
Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager -Djava.library.path=/usr/local/cbs/lib/LinX64 -
DCATALINA_PID=/var/run/obsr.pid -Xrs -Xms512m -Xmx2048m -Xss384k -XX:MetaspaceSize=96m -XX:MaxMetaspaceSize=256m -
XX:MaxDirectMemorySize=512m -XX:NewRatio=3 -XX:SurvivorRatio=32 -XX:MinHeapFreeRatio=20 -XX:MaxHeapFreeRatio=80 -
XX:+PrintGCDetails -XX:+PrintGCDateStamps -XX:+UseConcMarkSweepGC -XX:+UseCMSInitiatingOccupancyOnly -
XX:CMSInitiatingOccupancyFraction=85 -XX:+ScavengeBeforeFullGC -XX:+CMSScavengeBeforeRemark -Dsun.net.inetaddr.ttl=3600 -
Dnetworkaddress.cache.ttl=3600 -Dsun.net.inetaddr.negative.ttl=300 -Dnetworkaddress.cache.negative.ttl=300 -
Dsun.nio.PageAlignDirectMemory=true -Djava.net.preferIPv4Stack=true -
Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager -Djava.util.logging.config.file=conf/logging.properties -
Dtc.work.path=work -Dtc.log.path=logs -Djavax.servlet.context.tempdir=work -Djdk.nio.maxCachedBufferSize=262144 -
Dfile.encoding=UTF-8 -Dsun.jnu.encoding=UTF-8 -Djdk.tls.ephemeralDHKeySize=2048 -
Djava.protocol.handler.pkgs=org.apache.catalina.webresources -Dorg.apache.catalina.security.SecurityListener.UMASK=0027 -
Dignore.endorsed.dirs= -classpath /usr/local/cbs/tomcat/bin/bootstrap.jar:/usr/local/cbs/tomcat/bin/tomcat-juli.jar -
Dcatalina.base=/usr/local/cbs -Dcatalina.home=/usr/local/cbs/tomcat -Djava.io.tmpdir=/usr/local/cbs/temp
org.apache.catalina.startup.Bootstrap start
root      2006      1996  0 10:36 pts/0    00:00:00 grep --color=auto java
#
#
# ps -ef|grep nfs
root      723      1  0 10:25 ?        00:00:00 /usr/local/cbs/nfs/bin/NfsLinX64 -logfile
/usr/local/cbs/nfs/log/debug.log -pidfile /var/run/cbsnfs.pid
root      2009      1996  0 10:37 pts/0    00:00:00 grep --color=auto nfs
```

Keywords

systemctl, centos, red, head, redhead, enterprise, ubuntu, install, installation, installed, service, services, nfs

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