



AhsayCBS appliance on Microsoft Azure Upgrade Guide

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Upgrade

1. Use PuTTY or other SSH client software to connect to ahsaycbs4\$MyName.cloudapp.net (replace \$MyName with your own name)

2. Switch to root user:

```
$ su -
```

3. Stop the AhsayCBS service.

```
root@ahsaycbs:~ # service cbs stop

Shut down [ cbs ]
[1] 25123
[ cbs ] is stopped
root@ahsaycbs:~ # -----
You may set SYSTEM_DEBUG=0 to disable the debug message
-----
Current User Name      : cbs
Using SYSTEM_TYPE     : bsd
Using SYSTEM_ARCH     : amd64
-----
Using CBS_HOME        : /usr/local/cbs
Using JAVA_HOME       : /usr/local/cbs/java
Using CATALINA_HOME   : /usr/local/cbs/tomcat
Using JAVA_OPTS       : -Djava.library.path=/usr/local/cbs/lib/FbdX64
-DCATALINA_PID=/var/cbs/cbs.pid -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.log
ging.manager=org.apache.juli.ClassLoaderLogManager
-Djava.util.logging.config.file=conf/logging.properties -Dtc.work.path=work -Dtc.log.path=logs
-Djavax.servle
t.context.tempdir=work
Using CATALINA_OPTS   :
Using CATALINA_PID   : /var/cbs/cbs.pid
-----
Stopping AhsayCBS service
```

4. Rename the existing program directory.

```
root@ahsaycbs:~ # mv /usr/local/cbs /usr/local/cbs.bak
```

5. Create a directory for the upgrade files.

```
root@ahsaycbs:~ # mkdir /usr/local/cbs
root@ahsaycbs:~ # mv /usr/local/cbs /usr/local/cbs
```

6. Download the upgrade files.

In case if the wget utility is not installed, run `pkg install wget`

```
root@ahsaycbs:/usr/local/cbs # wget -qO - http://ahsay-dn.ahsay.com/v7/7720/cbs-nix.tar.gz
| tar -xzf - bin build download font lib tomcat webapps
```

Change the underlined URL appropriately

7. Change ownership of the program directory trees and files.

```
root@ahsaycbs:/usr/local/cbs # cd ..
root@ahsaycbs:/usr/local # chown -R cbs /usr/local/cbs/
```

8. Copy the symbolic links.

```
root@ahsaycbs:/usr/local # cp -R cbs.bak/conf cbs.bak/java cbs.bak/logs cbs.bak/system
cbs.bak/temp cbs.bak/user cbs.bak/work cbs/
```

9. Start the AhsayCBS service.

```
root@ahsaycbs:/usr/local # service cbs start

Starting [ cbs ]
[1] 1630
[ cbs ] is running
root@ahsaycbs:/usr/local # sysctl: kern.maxvnodes=65536: Operation not permitted
-----
You may set SYSTEM_DEBUG=0 to disable the debug message
-----
Current User Name      : cbs
Using SYSTEM_TYPE     : bsd
Using SYSTEM_ARCH     : amd64
Using PHYSICAL_MEM    : 744 (MB)
-----
Using CBS_HOME        : /usr/local/cbs
Using JAVA_HOME       : /usr/local/cbs/java
Using CATALINA_HOME   : /usr/local/cbs/tomcat
Using JAVA_OPTS       : -Djava.library.path=/usr/local/cbs/lib/FbdX64
-DCATALINA_PID=/var/cbs/cbs.pid -XX:PermSize=64m -XX:MaxPermSize=128m -XX:NewRatio=4 -XX:SurvivorRatio=4 -XX:MinHeapFreeRatio=25 -XX:MaxHeapFreeRatio=50 -XX:+UseParNewGC
-XX:+UseConcMarkSweepGC -Dsun.net.inetaddr.ttl=3600 -Dnetworkaddress.cache.ttl=3600
0 -Dsun.net.inetaddr.negative.ttl=300 -Dnetworkaddress.cache.negative.ttl=300
-Dsun.nio.PageAlignDirectMemory=true -Djava.net.preferIPv4Stack=true -Djava.util.l
ogging.manager=org.apache.juli.ClassLoaderLogManager
-Djava.util.logging.config.file=conf/logging.properties -Dtc.work.path=work -Dtc.log.path=logs
-Djavax.serv
let.context.tempdir=work
Using CATALINA_OPTS   :
Using CATALINA_PID    : /var/cbs/cbs.pid
-----
Starting AhsayCBS service
```

AhsayCBS appliance should now be upgraded and running

(Optional) Remove the program directory to free up disk space

```
root@ahsaycbs:~ # rm -fr /usr/local/cbs.bak
```