

# CHPS Tomcat Update Guide

This document will guide you through the CHPS Tomcat update installation.

As per RM133479 there were vulnerabilities found on the current instance of Tomcat (9.0.82) and this update address that by upgrading to Tomcat 9.0.93. Please contact O&M for installation support.

Install Steps:

## 1. Retrieve the update

1. Log into any lx workstation. Navigate to the install location.

```
$ cd /awips/chps_share/install/CHPS-23.1.1/
```

2. Retrieve the install scripts from SVN.

```
$ sudo -u fews svn co --username your.name https://vlab.noaa.gov/svn/chps-issues-and-enhancements/fixes/chps_tomcat_update
```

## 2. Update Dev-Test system (chps7)

1. Shutdown your Tomcat service on the MC (chps7) server and check status. Log on to *chps7*.

```
user@chps7]$ sudo systemctl stop chps-tomcat  
user@chps7]$ sudo systemctl status chps-tomcat
```

2. Go to the update directory.

```
user@chps7]$ cd /awips/chps_share/install/CHPS-23.1.1/chps_tomcat_update
```

3. Run the script to update Tomcat (follow prompt instructions):

```
user@chps7]$ sudo -u fews ./fews_MC.sh
```

4. Start chps-tomcat services on *chps7*:

```
user@chps7]$ sudo systemctl start chps-tomcat
```

5. Check status of services, you should expect to see tomcat.

```
user@chps7]$ sudo systemctl status chps-tomcat
```

### 3. Update Operational Primary system (chps1)

1. Shutdown your Tomcat service on the MC (chps1) server and check status. Log on to chps1.

```
user@chps1]$ sudo systemctl stop chps-tomcat
user@chps1]$ sudo systemctl status chps-tomcat
```

2. Go to the update directory.

```
user@chps1]$ cd /awips/chps_share/install/CHPS-23.1.1/chps_tomcat_update
```

3. Run the script to update Tomcat (follow prompt instructions):

```
user@chps1]$ sudo -u fews ./fews_MC.sh
```

4. Start chps-tomcat services on *chps1*:

```
user@chps1]$ sudo systemctl start chps-tomcat
```

5. Check status of services, you should expect to see tomcat.

```
user@chps1]$ sudo systemctl status chps-tomcat
```

### 4. Update Operational Backup system (chps4)

1. Shutdown your Tomcat service on the MC (chps4) server and check status. Log on to chps4

```
user@chps4]$ sudo systemctl stop chps-tomcat
user@chps4]$ sudo systemctl status chps-tomcat
```

2. Go to the update directory.

```
user@chps4]$ cd /awips/chps_share/install/CHPS-23.1.1/chps_tomcat_update
```

3. Run the script to update Tomcat (follow prompt instructions):

```
user@chps4]$ sudo -u fews ./fews_MC.sh
```

4. Start chps-tomcat services on *chps4*:

```
user@chps4]$ sudo systemctl start chps-tomcat
```

5. Check status of services, you should expect to see tomcat.

```
user@chps4]$ sudo systemctl status chps-tomcat
```