

## Katello - Bug #15896

### Tomcat configuration should only be bound to localhost

07/29/2016 10:19 AM - Stephen Benjamin

<b>Status:</b>	Resolved	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Installer	
<b>Target version:</b>		
<b>Difficulty:</b>	medium	<b>Fixed in Releases:</b>
<b>Triaged:</b>	Yes	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	1188603	<b>Red Hat JIRA:</b>
<b>Pull request:</b>		

#### Description

Cloned from [https://bugzilla.redhat.com/show\\_bug.cgi?id=1188603](https://bugzilla.redhat.com/show_bug.cgi?id=1188603)

Description of problem:

On a working Satellite 6 instance, the configuration of Tomcat is bound to 0.0.0.0 (all interfaces). It is my understanding that the only web application running in Tomcat is Candlepin, which isn't meant to be directly accessible by end users.

It is requested to update the configuration of tomcat to only bind itself to localhost (127.0.0.1). This would increase the security profile of the Satellite. Additionally, it would make it less likely for an end-user to directly interact with Candlepin, which is an unsupported use-case.

Version-Release number of selected component (if applicable):

candlepin-tomcat6-0.9.23.1-1.el6.noarch

tomcat6-6.0.24-80.el6.x86\_64

How reproducible:

100%

Steps to Reproduce:

1. Install Satellite 6
2. run lsof to see the open ports

Actual results:

```
[root@satellite ~]# lsof -P -i TCP:8080 -i TCP:8443 -i TCP:8009
COMMAND PID USER FD TYPE DEVICE SIZE/OFF NODE NAME
java 4840 tomcat 37u IPv4 31798 0t0 TCP *:8080 (LISTEN)
java 4840 tomcat 43u IPv4 31801 0t0 TCP *:8443 (LISTEN)
java 4840 tomcat 49u IPv4 31817 0t0 TCP *:8009 (LISTEN)
```

3.

Expected results:

Tomcat should be bound only on localhost

Additional info:

Updating each connector in /etc/tomcat6/server.xml with the 'address="127.0.0.1"' parameter binds tomcat to localhost. See below:

```
<Connector port="8080" address="127.0.0.1" protocol="HTTP/1.1"
connectionTimeout="20000"
redirectPort="8443" />
```

```
&lt;Connector port="8443" address="127.0.0.1" protocol="HTTP/1.1" />
```

```
LEnabled="true";
    maxThreads="150" scheme="https" secure="true"
    clientAuth="want" SSLProtocol="TLS"
    keystoreFile="conf/keystore"
    truststoreFile="conf/keystore"
    keystorePass="&lt;REDACTED&gt;"
    keystoreType="PKCS12"
    ciphers="SSL_RSA_WITH_3DES_EDE_CBC_SHA,
    TLS_RSA_WITH_AES_256_CBC_SHA,
    TLS_ECDH_ECDSA_WITH_AES_128_CBC_SHA,
    TLS_ECDH_ECDSA_WITH_AES_256_CBC_SHA,
    TLS_ECDH_RSA_WITH_3DES_EDE_CBC_SHA,
    TLS_ECDH_RSA_WITH_AES_128_CBC_SHA,
    TLS_ECDH_RSA_WITH_AES_256_CBC_SHA,
    TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA"
    truststorePass="&lt;REDACTED&gt;" />

    &lt;Connector port="8009" address="127.0.0.1" protocol="AJP/1.3"
    redirectPort="8443" /&gt;
```

#### Related issues:

Related to Installer - Feature #28922: Switch Candlepin to listen on localhost...

Closed

#### History

##### #1 - 07/29/2016 10:19 AM - Stephen Benjamin

- Subject changed from Tomcat configuration of Red Hat Satellite 6 is bound to all interfaces and should only be bound to localhost to Tomcat configuration should only be bound to localhost

##### #2 - 08/10/2016 01:42 PM - Justin Sherrill

- translation missing: en.field\_release set to 114  
- Difficulty set to medium

##### #3 - 08/10/2016 01:42 PM - Justin Sherrill

- Difficulty changed from medium to easy

##### #4 - 11/02/2017 07:45 PM - Chris Roberts

- Assignee set to Chris Roberts

##### #5 - 11/02/2017 08:17 PM - The Foreman Bot

- Status changed from New to Ready For Testing  
- Pull request <https://github.com/Katello/puppet-candlepin/pull/88> added

##### #6 - 07/02/2018 09:00 PM - Chris Roberts

- Status changed from Ready For Testing to New  
- Assignee deleted (Chris Roberts)  
- Difficulty changed from easy to medium  
- Pull request deleted (<https://github.com/Katello/puppet-candlepin/pull/88>)

##### #7 - 08/09/2023 11:17 AM - Ewoud Kohl van Wijngaarden

- Status changed from New to Closed  
- Triaged set to No

This is done in [#28922](#).

##### #8 - 08/09/2023 11:17 AM - Ewoud Kohl van Wijngaarden

- Related to Feature #28922: Switch Candlepin to listen on localhost and Katello to communicate via localhost added

##### #9 - 08/09/2023 05:46 PM - Partha Aji

- Status changed from Closed to Resolved

- *Target version deleted (Katello Backlog)*
- *Triaged changed from No to Yes*