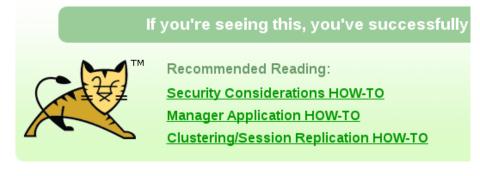
#### 1.Tomcat is installed on host1 VM

① 192.168.56.11:8080

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# Apache Tomcat/7.0.69



#### Developer Quick Start

Tomcat Setup Realms & AAA Exar First Web Application JDBC DataSources

### **Managing Tomcat**

For security, access to the <u>manager webapp</u> is restricted. Users are defined in:

\$CATALTAN HOME/conf/tomcat-usars vml

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2. Downloaded jmx-remote and placed in /usr/share/tomcat/lib

#### 3. JmxRemoteLifecycleListener to server.xml

#### 4. added JAVA\_OPTS in /etc/tomcat/tomcat.conf

```
# lime to wait in/seconds, beforeakilling process
# TODO(stingray): does nothing, fix.
# SHUTDOWN_WAIT="30"

# If you wish to further customize your tomcat environment,
# put your own definitions here
# (i.e. LD_LIBRARY_PATH for some jdbc drivers)
OAVA_OPTS="-Dcom.sun.management.jmxremote -Djava.rmi.server.only=false -Dcom.sun.management.jmxremote.port=12345 -Dcom.s
jmxremote.authenticate=false -Dcom.sun.management.jmxremote.
```

#### 5. zabbix-java-gateway installed and started on zabbix-server VM

```
[vagrant@server ~]$ systemctl status zabbix-java-gateway

• zabbix-java-gateway.service - Zabbix Java Gateway

• Loaded: loaded (/usr/lib/systemd/system/zabbix-java-gateway.service; enabled; vendor preset: disabled)

Active: active (running) since Tue 2017-07-25 12:58:18 BST; 1h 34min ago

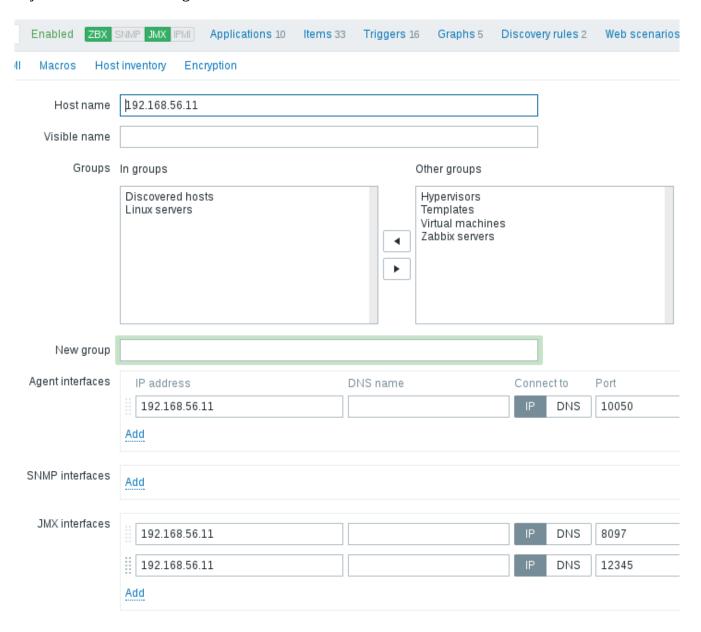
Main PID: 12912 (java)

CGroup: /system.slice/zabbix-java-gateway.service

—12912 java -server -Dlogback.configurationFile=/etc/zabbix/zabbi...

[vagrant@server ~]$ ■
```

## 6. jmx interfaces are configured



### 7. trigger for Java Heap Memory Used is added

