Setting up new server-

AWS Demo server

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Host | Public IP address | SSH |  |  |  |
| **ec2-35-165-77-50.us-west-2.compute.amazonaws.com** | [35.165.77.50](https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2" \l "Addresses:search=35.165.77.50;sort=publicIp) | **ssh -i "amazon-ssh-key.pem" ec2-user@ec2-35-165-77-50.us-west-2.compute.amazonaws.com** |  |  |  |
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* + **Install/uninstall/start/stop Mongo DB-**
    - [https://docs.mongodb.com/v3.0/tutorial/install-mongodb-on-amazon/#install-mongodb](https://docs.mongodb.com/v3.0/tutorial/install-mongodb-on-amazon/" \l "install-mongodb)
    - **Mongo command stat/stop:**
      * sudo service mongod start
      * sudo service mongod stop
    - **Mongo data and log files**
      * /var/log/mongodb, /var/lib/mongo
  + **Download/Install JDK**
    - * wget --no-check-certificate --no-cookies --header "Cookie: oraclelicense=accept-securebackup-cookie" http://download.oracle.com/otn-pub/java/jdk/8u112-b15/jdk-8u112-linux-x64.rpm
      * rpm -Uvh jdk-8u112-linux-x64.rpm
  + **Download and install tomcat**
    - # cd /opt/
    - # wget http://www-eu.apache.org/dist/tomcat/tomcat-9/v9.0.0.M17/bin/apache-tomcat-9.0.0.M17.tar.gz
    - # tar -xvf apache-tomcat-8.0.9.tar.gz
* **Set inbound rule from the “Security Group”**

* **SVN install** 
  + https://subversion.apache.org/packages.html
    - yum install subversion
* **Tomcat HTTPS setup**

1. Use this aws skill set self signed certificate link to create .pem files-[https://developer.amazon.com/public/solutions/alexa/alexa-skills-kit/docs/testing-an-alexa-skill#create-a-private-key-and-self-signed-certificate-for-testing](https://developer.amazon.com/public/solutions/alexa/alexa-skills-kit/docs/testing-an-alexa-skill" \l "create-a-private-key-and-self-signed-certificate-for-testing)

**Content of configuration.cnf file:**

|  |
| --- |
| *[req]*  *distinguished\_name = req\_distinguished\_name*  *x509\_extensions = v3\_req*  *prompt = no*  *[req\_distinguished\_name]*  *C = US*  *ST = CA*  *L = Cupertino*  *O = LifePro*  *CN = Ginny*  *[v3\_req]*  *keyUsage = keyEncipherment, dataEncipherment*  *extendedKeyUsage = serverAuth*  *subjectAltName = @subject\_alternate\_names*  *[subject\_alternate\_names]*  *DNS.1 = ec2-34-209-47-204.us-west-2.compute.amazonaws.com* |

1. Use following link to create java keystore-
   1. openssl pkcs12 -export -inkey private-key.pem -in certificate.pem -name test -out test.p12
   2. keytool -importkeystore -srckeystore test.p12 -srcstoretype pkcs12 -destkeystore mykeystore
   3. edit ./conf/server.xml, add https connector-

*<Connector protocol="org.apache.coyote.http11.Http11NioProtocol"*

*port="8443" maxThreads="200"*

*scheme="https" secure="true" SSLEnabled="true" acceptCount="100" disableUploadTimeout="true" enableLookups="f*

*alse" keystoreFile="/opt/apache-tomcat-9.0.0.M17/conf/mykeystore" keystorePass="appr!0n"*

*clientAuth="false" sslProtocol="TLS" />*

User: What is in my calendar tomorrow?

Alexa: You have doctor`s appointment at 1:30p.m and then movie with your daughter at 4:00p.m.

Alexa: You don’t have a ride scheduled for doctor`s appointment , you want to do it right now ?

User: Yes please.

Alexa: Whom would you like me to contact ? Your son, daughter or uber ?

User: My daughter

Alexa: Contacting your daughter.

(Pause for 3 seconds)

Alexa: Your daughter confirmed, she will pick you up at 1.

(Pause for 3 seconds)

Alexa: Your daughter shared a picture of Margaret at her Ballet performance, you want to see it ?

User: Yes please.