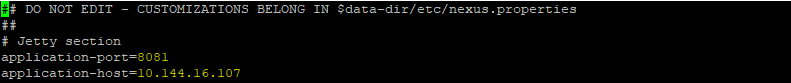
Nexus configuration and admin operation

**Topic 1 : nexus configuration :**

* Nexus has been installed on box 10.144.16.107 and with port 8081
* url : <http://10.144.16.107:8081/>
* nexus is running as “nexus” user . To proceed with any kind of operation please switch user to “nexus” on 10.144.16.107 box . ( sudo su – nexus)
* The bin folder contains the generic startup scripts for Unix-like platforms called nexus

**/home/nexus/nexus-3.19.1-01/bin**

* Nexus default properties is placed on : **/home/nexus/nexus-3.19.1-01/etc**
* Nexus default properties **nexus-default.properties** contain host ip and port to run the application .



* Nexus log file location : **/home/nexus/sonatype-work/nexus3/log**
* Every repository and its artifacts , jars we are storing in blob . Each **blob** store can be used by one or multiple repositories and repository groups.

**/home/nexus/sonatype-work/nexus3/blobs**

**\*\*\*\* we will configure more areas on security ,SMTP etc once its setup , we will add the details .\*\*\***

**MAVEN/ configuration:**

1. Change the .m2/settings.xml in your respective workstation .

<server>

    <server>

      <id>nexus</id>

      <username>devRP</username> -- --- respective team user name credential

      <password>devRP@123</password> ------ respective team password .

     </server>

</server>

<mirrors>

    <mirror>

      <id>nexus</id>

      <mirrorOf>\*</mirrorOf>

      <name>nexus</name>

      <url>[http://10.144.16.107:8081/repository/cpc-maven-group/</url](http://10.144.16.107:8081/repository/cpc-maven-group/%3c/url)>

    </mirror>

  </mirrors>

**…………………………………………………………………………………………………………………………………………………………………….....................................................................................................................................................**

1. To push the artifact to the nexus repository , please add the below configuration in pom.xml

<distributionManagement>

    <snapshotRepository>

        <id>nexus</id>

        <name>Releases</name>

        <url>[http://10.144.16.107:8081/repository/cpc-maven-hosted-snapshot/</url](http://10.144.16.107:8081/repository/cpc-maven-hosted-snapshot/%3c/url)>

    </snapshotRepository>

    <repository>

        <id>nexus</id>

        <name>Releases</name>

        <url>[http://10.144.16.107:8081/repository/cpc-maven-releases/</url](http://10.144.16.107:8081/repository/cpc-maven-releases/%3c/url)>

    </repository>

  </distributionManagement>

**……………………………………………………………………………………………………………………………………………………………….**

**NPM/ configuration:**

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**private(hosted):**

A private npm registry can be used to upload your own packages as well as third-party packages .

Publishing your own packages to a npm hosted repository allows you to share packages across your organization or with external partners.

If you have a project that you want to publish to your Nexus, put this in **package.json:**

"publishConfig": {

    "registry": "<http://10.144.16.107:8081/repository/cpc-npm-hosted/>"

}

(to push):

npm login -registry <http://10.144.16.107:8081/repository/cpc-npm-hosted/>

username:npmuser

password:npm@1234

 npm publish

**…………………………………………………………………………………………………………………………………………………………………….**

**Public (group) :**

If you have a project where you only want to download dependencies from Nexus, create a .**npmrc** file at your project’s root with:

registry=http://10.144.16.107:8081/repository/cpc-npm-group/

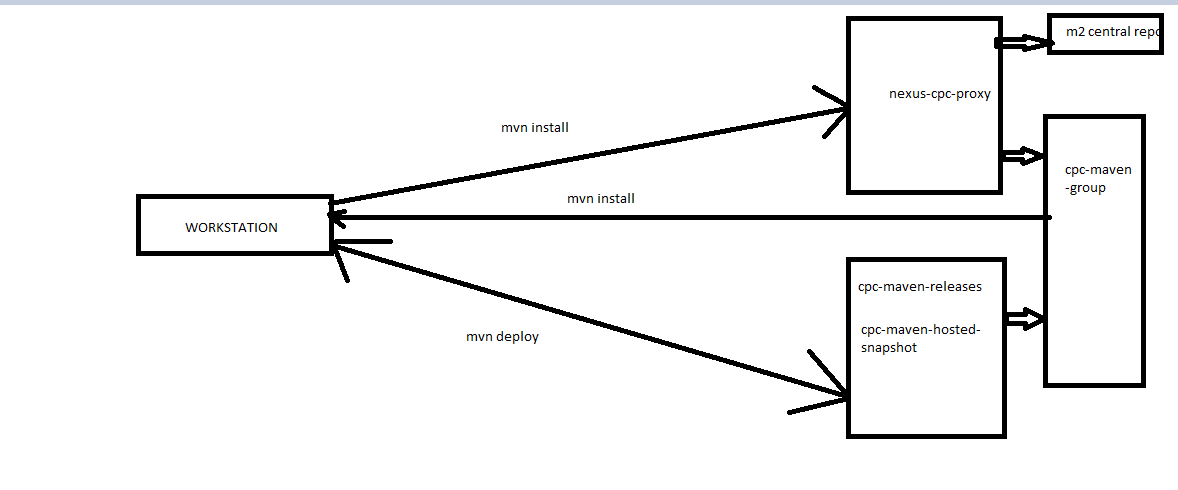
\_auth=bnBtdXNlcjpucG1AMTIzNA==

auth token "bnBtdXNlcjpucG1AMTIzNA==" can be vary sometimes you have to create new with **echo -n 'npmuser:npm@1234' | openssl base64**

(to download)

npm install

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**Topic 2 : nexus backed server operation :**

**\*\*please ensure you became nexus user\*\***

* To check the status : /etc/init.d/nexus status
* To restart the service : /etc/init.d/nexus restart
* To stop the service : /etc/init.d/nexus stop
* To start the service : /etc/init.d/nexus start

To be continued …….