Installation AND CONFIGURATION Guide for Nexus repository for bPD Processes

# VERSION 1.0

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# REVIEW/Sign Off

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| --- | --- | --- | --- |
| Prepared by | Accenture | Reviewed by | Approved by |
| Bamapada Ganguly | yes | Vijayashree Chipgiri | Jonny Mauland  Sheethal Kumar  Tomas C Skill |

# REVISION HISTORY

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Date of Revision** | **Version** | **Party** | **Name** | **Accenture Offshore** | **Description of Change** | **Approved By** |
| 09/12/2016 | Draft | ACIT | Bamapada Ganguly | yes | Initial draft | Jonny Mauland  Sheethal Kumar  Tomas C Skill |

# **1. User Guide to install and configure Nexus Repository**

Nexus Repository Manager OSS manages software components required for development, deployment, and provisioning. If you develop software, the repository manager can help you share those components with other developers and end users. It greatly simplifies the maintenance of your own internal repositories and access to external repositories. With Nexus Repository Manager OSS you can completely control access to, and deployment of, every component from a single location.

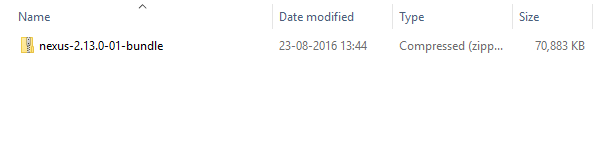
# **1.1. Prerequisites**

It is assumed that user has

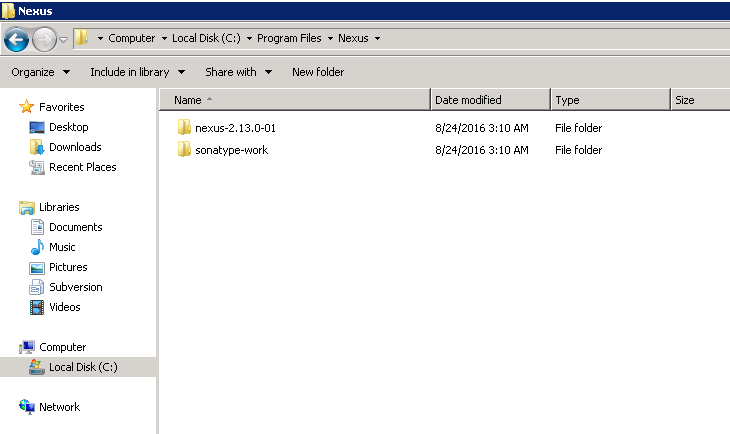
* Access to the WINDOWS environment and have privilege to install and access required softwares.
* JDK 1.8 installed and JAVA\_HOME environment variable is set to the folder where your JDK is installed.

# **1.2. Install nexus repository in Windows**

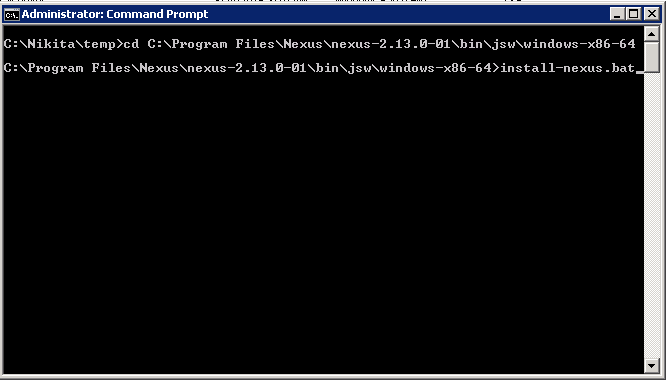
* Download the binaries from <http://www.sonatype.org/nexus/>



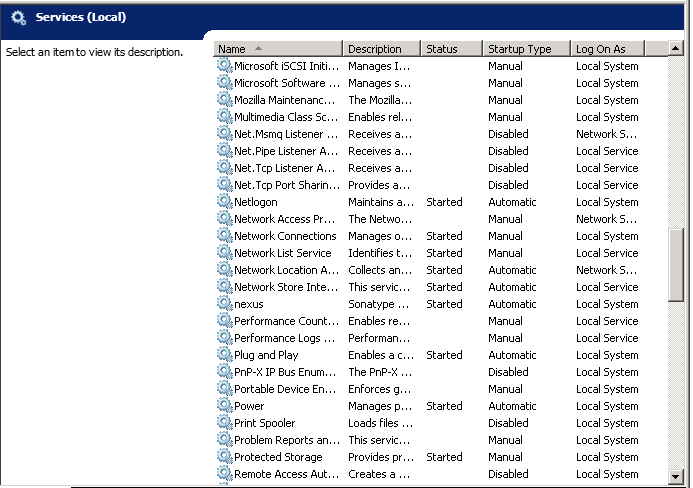
* Open the zip file. And copy the two folders to a new Folder Nexus in Program Files.



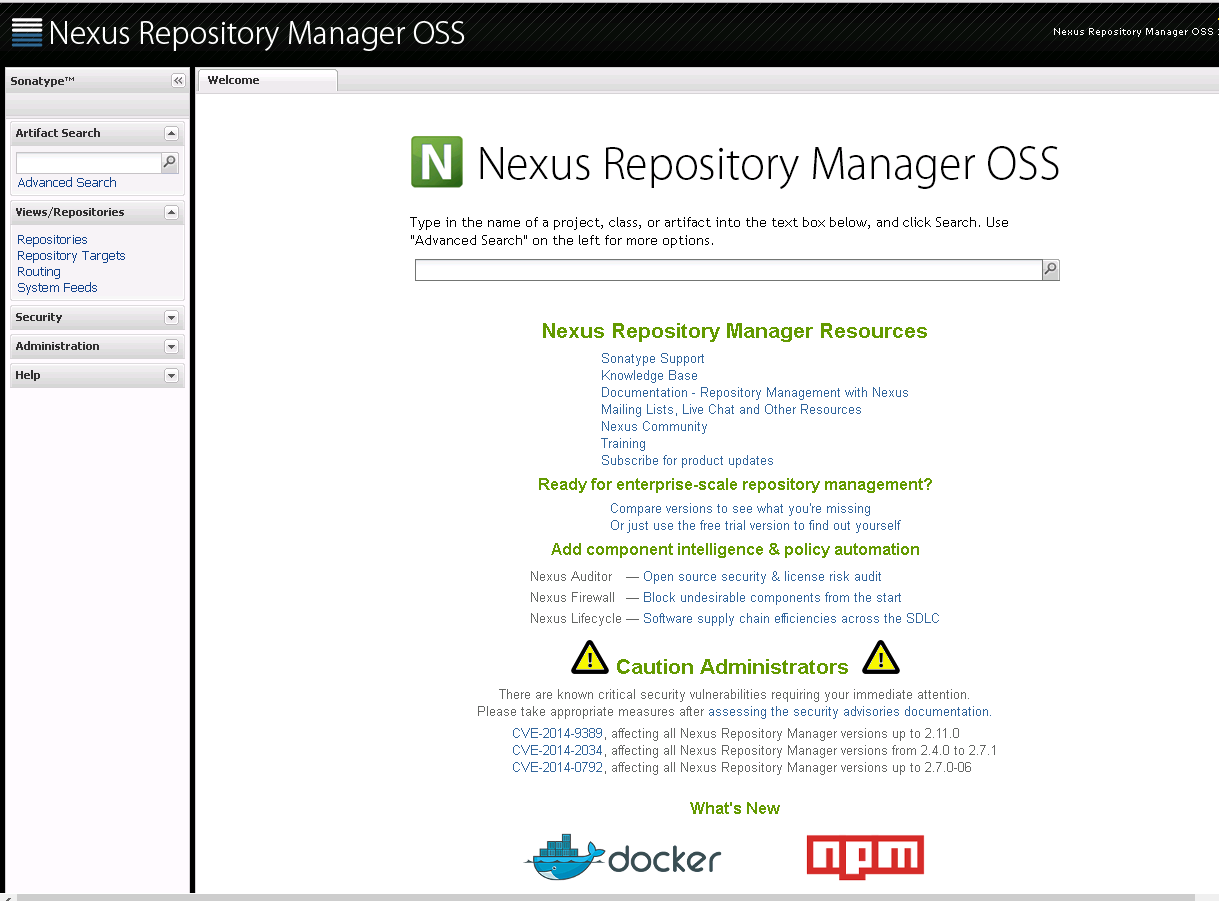
* Create new Nexus Service with the command **install-nexus.bat**, which should run in **C:\Program Files\Nexus\nexus-2.13.0-01\bin\jsw\windows-x86-64**



* A new service is created for nexus.



* Nexus can now be accessed with the URL <http://localhost:8081/nexus>

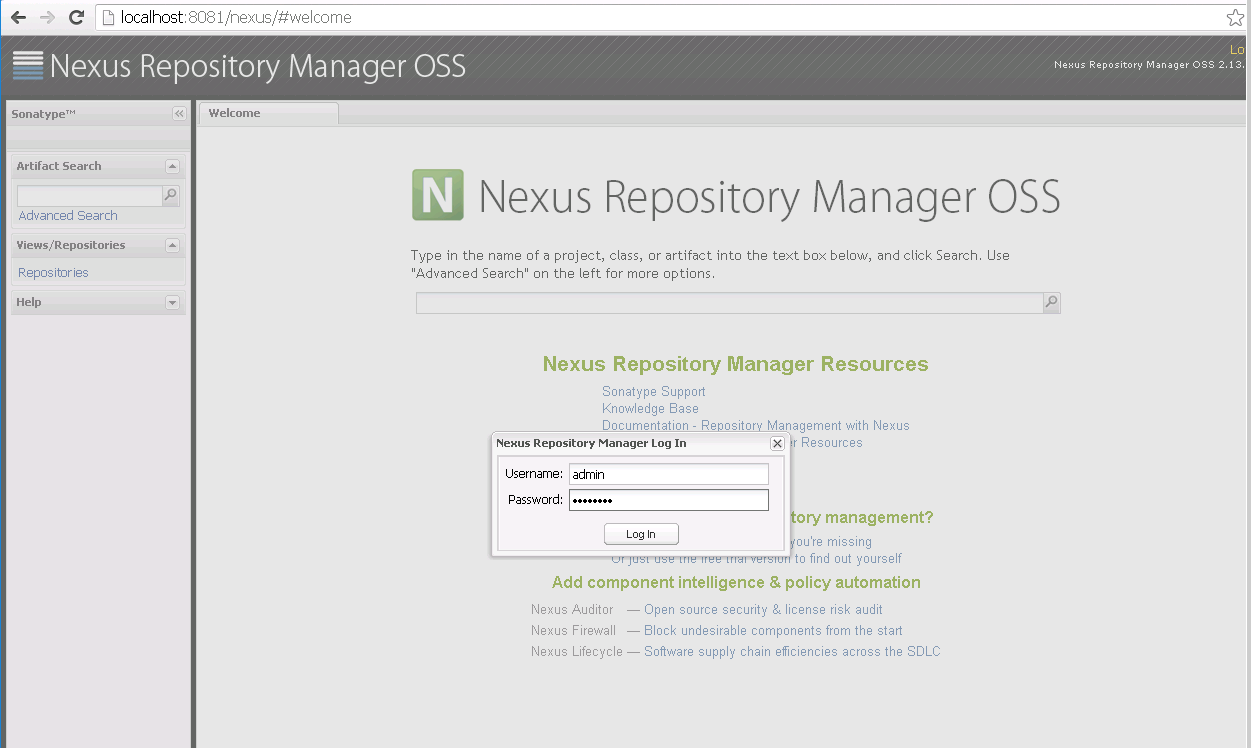


# **1.3. Nexus repository creation and Configuration**

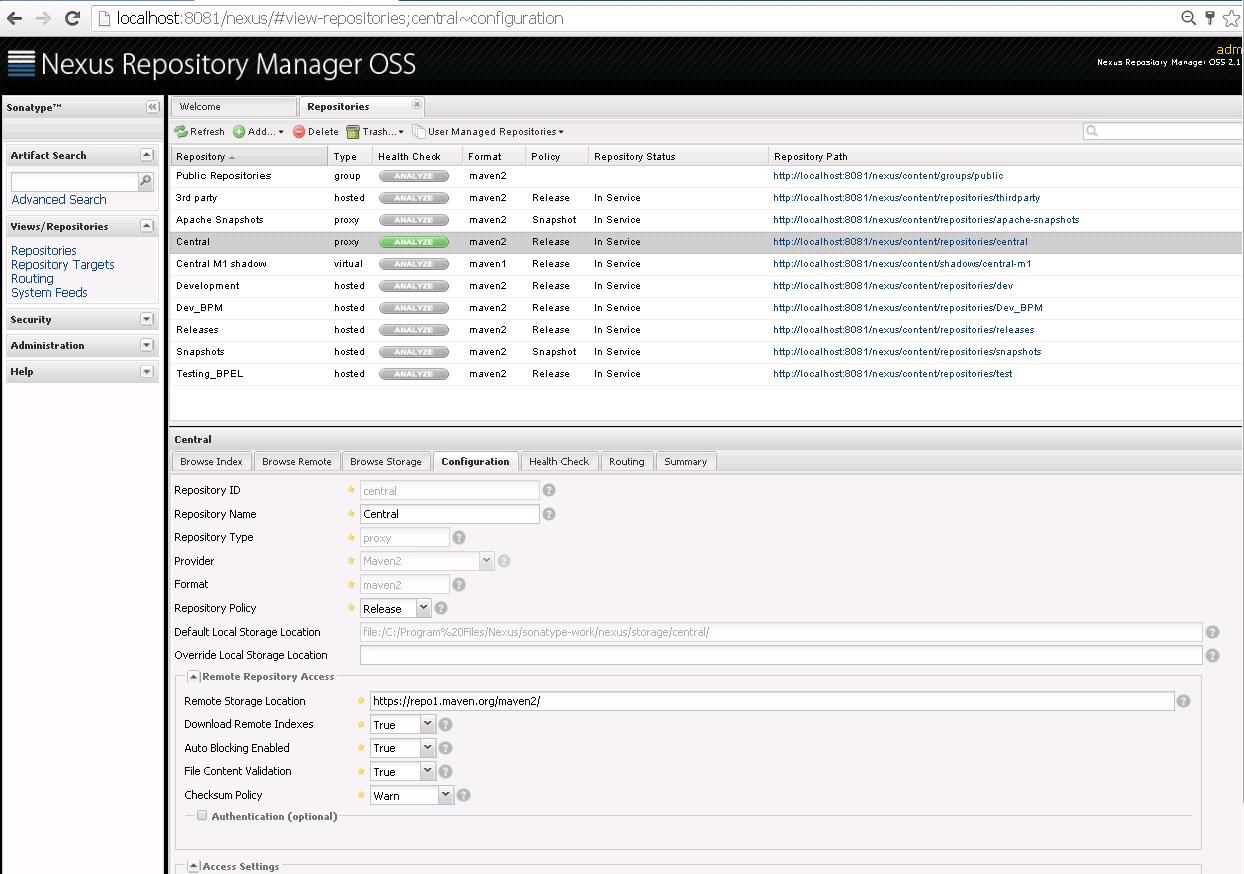
* Once Installation of Nexus respository is done, bring up the browser and access the same with the URL http://<hostname>:<port>/nexus
* Create Username and password to access Nexus. You need to use this credentials to access Jenkins for future use.

Username: admin

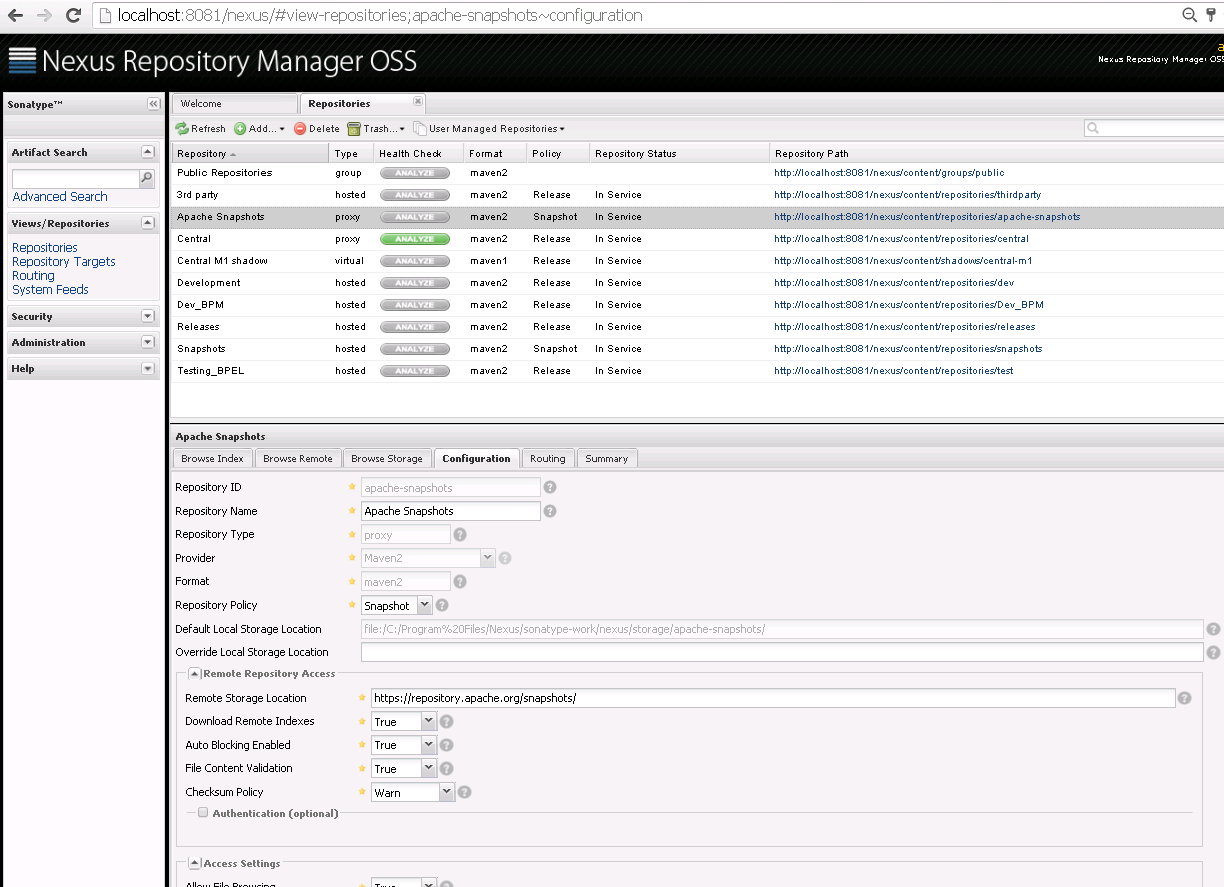
Password: \*\*\*\*\*\*\*\*



* Configuration for “Central” Repository.
* After logging in to the NEXUS, Click on “**Repositories**” and a list of repositories are displayed.
* Click on “Central” Repository and click on “Configuration Tab” the repository type should be “**proxy**” by default.
* Under Remote Repository Access, select “Download Remote Indexes” and change the value to “**TRUE”** from FALSE.
* Click on Save as shown in below screenshot and the steps are highlighted in Red color.

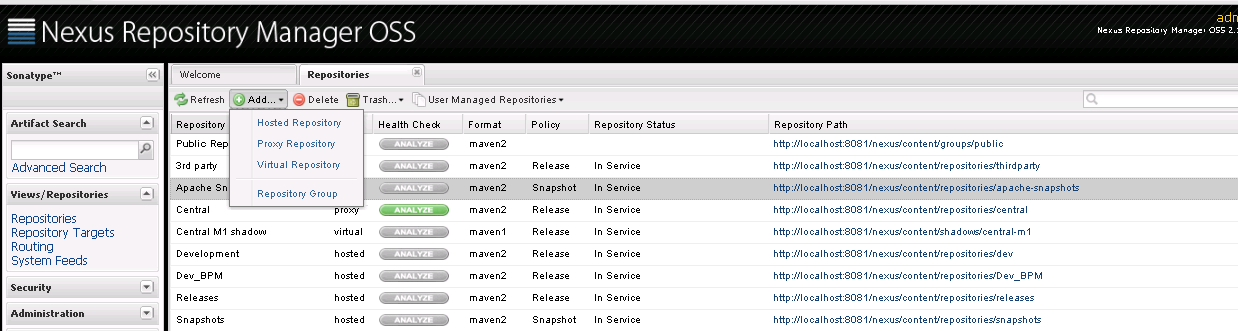


* Repeat the same procedure for “Apache Snapshots” Repository.
* After logging in to the NEXUS, Click on “**Repositories**” and you’ll find list of repositories.
* Click on “Apache Snapshots” Repository and click on “Configuration Tab” the repository type should be “**proxy**” by default.
* Under Remote Repository Access, select “Download Remote Indexes” and change the value to “**TRUE”** from FALSE.
* Click on Save as shown in below screenshot and the steps are highlighted in Red color.

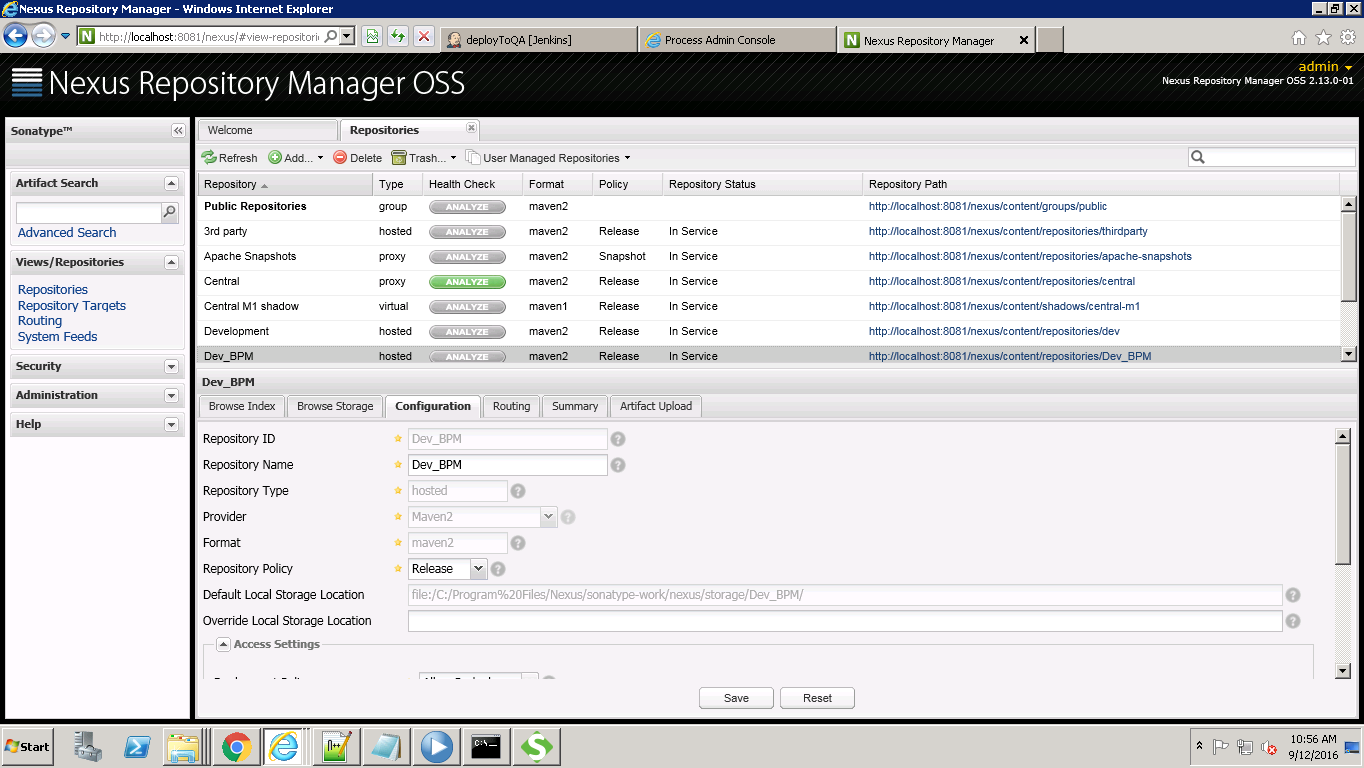


* Now a new repository is to be created for the Asset.

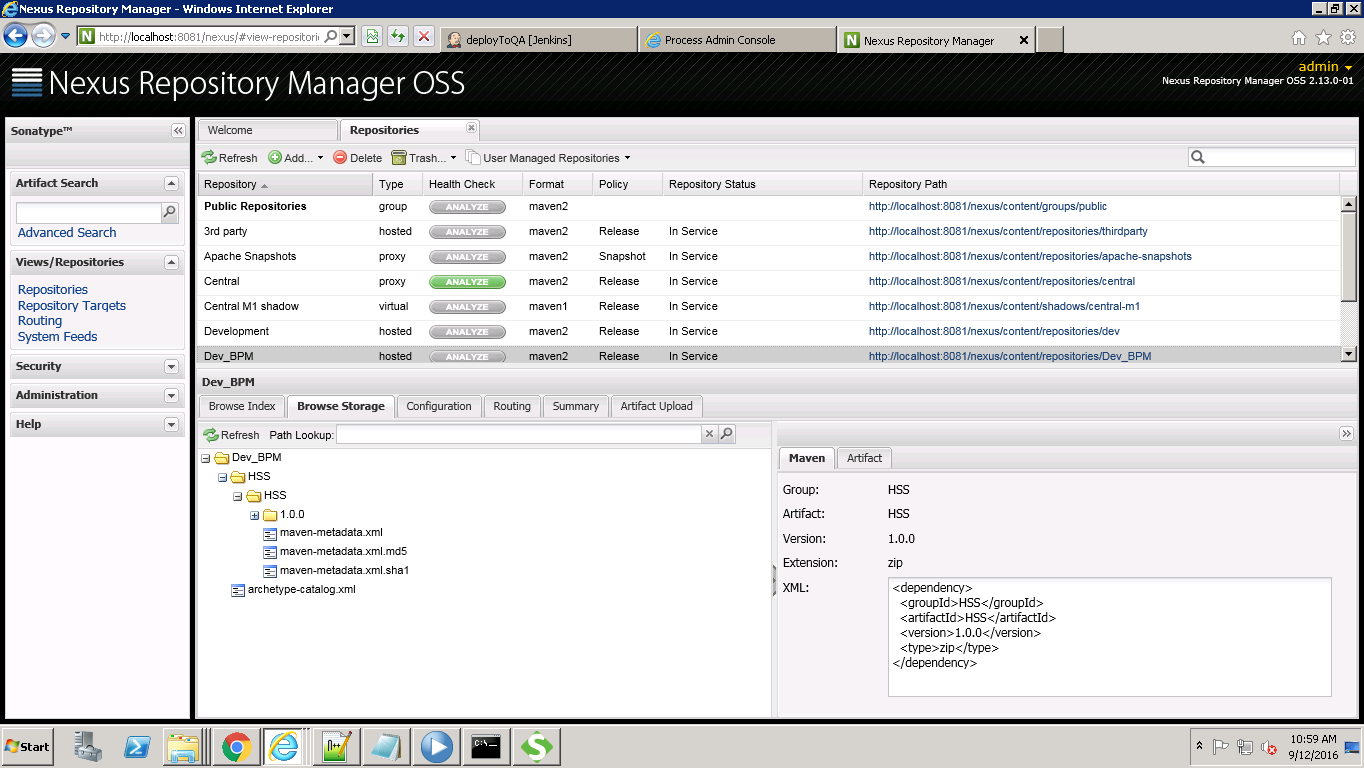
Go to Repositories -> Add… -> Hosted Repository

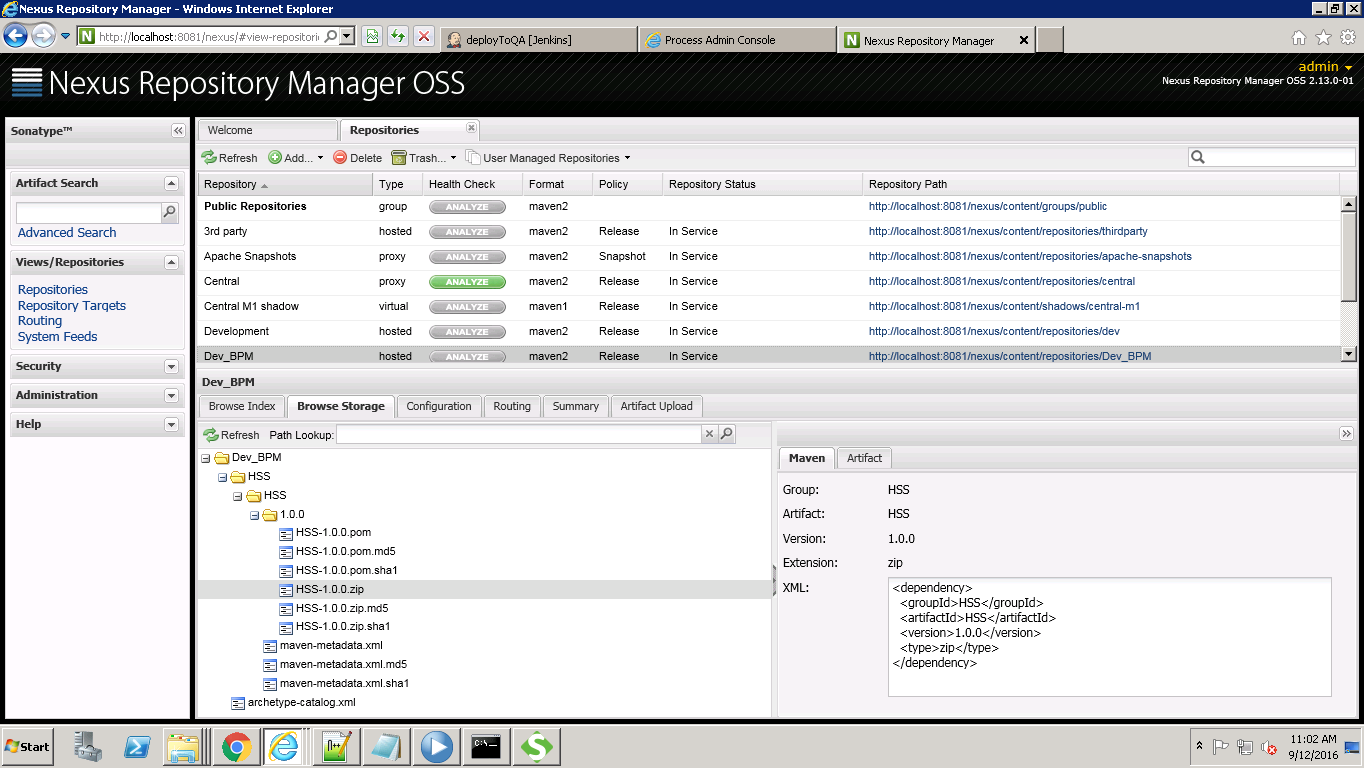


* Provide Repository Id and Name as Dev\_BPM.



* Provide The Repository Policy as “Release” and Provide “Allow Redeploy” for Deployment Policy. Also “Default Local Storage Location will be disabled for now. Click on “Save”.
* The below screen will appear, The Development hosted Repository is created now with Default Local Storage Location. Click on “Configuration Tab to check it.
* Once the Jenkins job runs, the documents will be uploaded in Nexus as





# **2. References**

<http://www.sonatype.org/nexus/>

<http://blog.sonatype.com/2009/12/installing-nexus-open-source-on-a-windows-server/>

<https://books.sonatype.com/nexus-book/reference/index.html>

For Nexus Installation on Linux - <https://www.youtube.com/watch?v=m68L8KvbSNk>