Nexus3 Configuration Details

Version 1.18-SNAPSHOT

2019-01-11

Table of Contents

Table 1. History

Date	Author	Detail
2018-08-23	bcouetil	Initial commit

1. Server configuration

ℹ️ This has to be done only for a new Production Line

⚠️ The technical account has to be created in CORP and defined in LAM as an administrator

1.1. URL

Repositories, release, snapshot and group, should already be created.

The public repository address can be found there :

- Click on the wheel
- **Repository → Repositories → maven-public**
- Get the URL

1.2. Set SNAPSHOT retention

ℹ️ This has to be done only for a new Production Line

- Go to **Administration** (wheel) → **System** → **Tasks** → **Create task**
- Type = Remove Snapshots From Maven Repository
- Fields
    - Name = Delete old snapshots
    - Repository = (All Repositories)
    - Minimum snapshot count = 5
    - Snapshot retention (days) = 7
    - Delete immediately = [x]
    - Task frequency = Daily
    - Time to run this task = 8:00

1.3. Add a proxy (=remote) repository

- Connect to Nexus
- Click on **Administration** (wheel) → **Repositories** → **Repository** → **Create repository**
- Choose **maven2 (proxy)**
- Fill repository data
    - Name = Wakaleo
    - Remote Storage = http://www.wakaleo.com/maven/repos
    - Download Remote Indexes = False
- Save
- On the corresponding line in the list, click on **Analyze**

Now artifacts should be accessible via maven if the settings.xml is well configured to reach the Nexus :

Settings.xml using Nexus

```xml
<settings xmlns="http://maven.apache.org/SETTINGS/1.0.0"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://maven.apache.org/SETTINGS/1.0.0 http://maven.apache.org/xsd/settings-1.0.0.xsd">

    <servers>
    <!-- tag::server[] -->
        <server>
            <id>nexus-local</id>
            <username>svc-fr-cric</username>
            <password>****</password>
        </server>
    <!-- end::server[] -->
        <server>
            <id>iserver-dev</id>
            <username>devops</username>
            <password>****</password>
        </server>
        <server>
            <!-- Gerrit credentials for maven-scm-plugin, which search with the hostname
                as server id -->
            <id>cric.pl.s2-eu.nvx.com</id>
            <username>svc-fr-cric</username>
            <!-- Gerrit does not use the CORP password, we use the UI generated one -->
            <password>****</password>
        </server>
    </servers>

    <!-- tag::mirrors[] -->
    <mirrors>
        <mirror>
            <id>nexus-local</id>
            <mirrorOf>*</mirrorOf>
            <url>https://cric.pl.s2-eu.nvx.com/nexus3/repository/maven-public/</url>
        </mirror>
    </mirrors>
    <!-- end::mirrors[] -->

    <!-- tag::profiles[] -->
    <profiles>
        <profile>
            <id>nexus-local</id>
            <repositories>
                <repository>
                    <id>central</id>
                    <url>http://central</url>
                    <releases>
                        <enabled>true</enabled>
                    </releases>
                    <snapshots>
                        <enabled>true</enabled>
                    </snapshots>
                </repository>
            </repositories>

            <pluginRepositories>
                <pluginRepository>
                    <id>central</id>
                    <url>http://central</url>
                    <releases>
                        <enabled>true</enabled>
                    </releases>
                    <snapshots>
                        <enabled>true</enabled>
                    </snapshots>
                </pluginRepository>
```

```
            </pluginRepositories>

            <properties>
                <snapshotUrl>https://cric.pl.s2-eu.nvx.com/nexus3/repository/maven-snapshots/</snapshotUrl>
                <releaseUrl>https://cric.pl.s2-eu.nvx.com/nexus3/repository/maven-releases/</releaseUrl>
            </properties>

        </profile>
    </profiles>
    <!-- end::profiles[] -->

    <!-- tag::activeProfiles[] -->
    <activeProfiles>
        <activeProfile>nexus-local</activeProfile>
    </activeProfiles>
    <!-- end::activeProfiles[] -->


</settings>
```

Repositories to add

- For SchemaSpy : http://www.wakaleo.com/maven/repos

2. Appendix

2.1. Revision marks

Differences since last tag