

# Nexus

- description : nexus
- author : heon
- email : khlee@repia.com
- lastupdate : 2023-09-22

# Nexus

\* IP: 125.132.25.172

\* PORT: 8081

\* : /opt/nexus

## Nexus ?

- Nexus Repository .
- dependency , local nexus(cache)

local nexus

- IBM Nexus

1.

opt

```
sudo mkdir -p /opt/nexus
cd /opt/nexus
```

tar

```
sudo wget https://download.sonatype.com/nexus/3/latest-unix.tar.gz
sudo tar -xvzf latest-unix.tar.gz
```

Nexus

Nexus

systemd

```
sudo vi /etc/systemd/system/nexus.service
```

가

```
[Unit]
Description=Nexus Repository Manager
After=network.target

[Service]
Type=forking
ExecStart=/opt/nexus/nexus-3.x.x-xx/bin/nexus start
ExecStop=/opt/nexus/nexus-3.x.x-xx/bin/nexus stop
User=nexus
Restart=on-abort

[Install]
WantedBy=multi-user.target
```

/opt/nexus/nexus-3.x.x-xx/ Nexus  
User Nexus

Nexus

```
sudo useradd -M -r -s /sbin/nologin nexus
sudo chown -R nexus:nexus /opt/nexus
```

```
sudo systemctl start nexus
sudo systemctl enable nexus
```

Nexus가

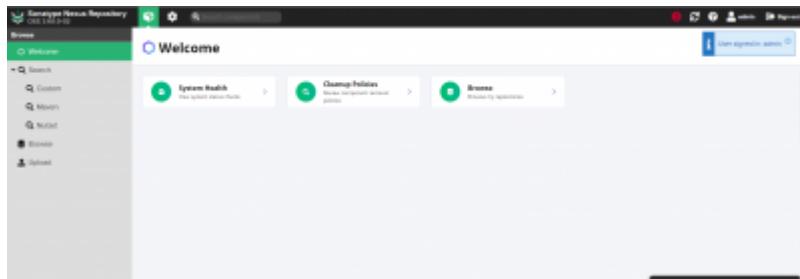
```
sudo tail -f /opt/nexus/sonatype-work/nexus3/log/wrapper.log
```

URL Nexus

http://125.132.25.172:8081/

Nexus port 8081

Nexus



2.

nexus-data/admin.password  
 : admin  
 :  
 \* Nexus 3.17.0 admin123

Please choose a password for the admin user 2 of 4

New password:

Confirm password:

[Back](#) [Next](#)

Configure Anonymous Access 3 of 4

Enable anonymous access means that by default, users can search, browse and download components from repositories without credentials. Please consider the security implications for your organization.

Disable anonymous access should be chosen with care, as it will require credentials for all users and/or build tools.

[More information](#)

Enable anonymous access  
 Disable anonymous access

[Back](#) [Next](#)

3.

&gt; Repository &gt; Repositories &gt; create repository

Create Repository								
Name	Type	Format	Base-URL	Status	URL	Health check	Passed Rate	Actions
maven-central	proxy	managed	remote	Online - Ready to Connect	<a href="#">[URL]</a>	<input type="radio"/>	<input type="radio"/>	<a href="#">[Actions]</a>
maven-public	group	managed	remote	Online	<a href="#">[URL]</a>	<input type="radio"/>	<input type="radio"/>	<a href="#">[Actions]</a>
maven-releases	hosted	managed	remote	Online	<a href="#">[URL]</a>	<input type="radio"/>	<input type="radio"/>	<a href="#">[Actions]</a>
maven-snapshots	hosted	managed	remote	Online	<a href="#">[URL]</a>	<input type="radio"/>	<input type="radio"/>	<a href="#">[Actions]</a>
maven2	group	hosted	remote	Online	<a href="#">[URL]</a>	<input type="radio"/>	<input type="radio"/>	<a href="#">[Actions]</a>
maven2-hosted	hosted	hosted	remote	Online	<a href="#">[URL]</a>	<input type="radio"/>	<input type="radio"/>	<a href="#">[Actions]</a>
maven2-proxy	proxy	hosted	remote	Online - Ready to Connect	<a href="#">[URL]</a>	<input type="radio"/>	<input type="radio"/>	<a href="#">[Actions]</a>
maven2-releases	hosted	managed	remote	Online	<a href="#">[URL]</a>	<input type="radio"/>	<input type="radio"/>	<a href="#">[Actions]</a>

maven2(hosted)

The screenshot shows the Sonatype Nexus Repository Manager interface. The left sidebar has a tree view with the following structure:

- Administration
  - Repository
  - Repositories** (selected)
  - Cloud Stores
  - Proprietary Repositories
- Content Selectors
- Cleanup Policies
- Routing Rules
- Security
  - Privileges
  - Roles
  - Users
  - Anonymous Access
- LDAP

The main content area is titled "Repositories" and shows a list of repository configurations:

- apt (hosted)
- apt (proxy)
- bower (groups)
- bower (hosted)
- bower (proxy)
- cocoapods (proxy)
- npm (proxy)
- nodejs (proxy)
- oci (proxy)
- oci (signed)
- oci (unverified)
- docker (proxy)
- gitfs (proxy)
- git (proxy)
- go (proxy)
- helm (proxy)
- helm (signed)
- maven (proxy)
- maven (signed)
- maven (verified)
- maven (unverified)

- \* proxy:
- \* group:
- \* hosted: nexus  
hosted

## repository

\* Version.Policy

**Repositories** / [Select Recipe](#) / [Create Repository: maven2 \(hosted\)](#)

---

**Name:** A unique identifier for this repository

**Online:**  If checked, the repository accepts incoming requests

---

**Maven 2**

**Version policy:**  
 What type of artifacts does this repository store?  
 Mixed

**Layout policy:**  
 Validate that all paths are Maven artifact or metadata paths  
 Strict

**Content Disposition:**  
 Add Content-Disposition header as "attachment" to disable some content from being inline in a browser  
 inline

---

**Storage**

**Blob store:**  
 Blob store used to store repository contents  
 default

**Strict Content Type Validation:**  
 Validate that all content uploaded to this repository is of a MIME type appropriate for the repository format

---

**Hosted**

**Deployment policy:**  
 Controls if deployments of and updates to artifacts are allowed  
 Allow redeploy

**Proprietary Components:**  
 Compares this repository count as proprietary for namespace conflict attacks (Requires Sonatype Nexus Firewall)

4.

\* Nexus  
\* pom.xml repository ref > Nexus  
Spring Maven

> Upload > repository



Name	Type	Format	Status
new-asem	hosted	maven2	online

## repository

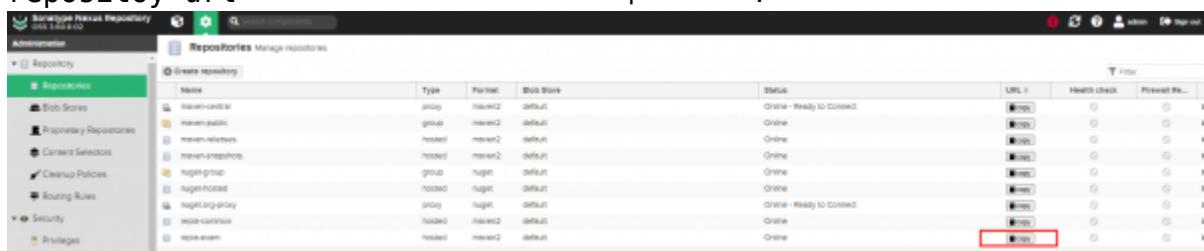


## 5. build.gradle

build.gradle

```
repositories {
    maven {
        url "repository url"
        credentials {
            username 'your-username'
            password 'your-password'
        }
    }
}
dependencies {
    implementation group: 'your-group-id', name: 'your-artifact-id',
    version: 'version'
}
```

repository url 가



## Tip

- Nexus Repository  
Ref > Nexus Repository

# Troubleshooting

## Ref

- [Nexus Repository](#)
- [Nexus Spring Maven](#)

[heon](#), [nexus](#),

From:  
<http://125.132.25.164/dokuwiki/> -  
2023.12



Permanent link:  
<http://125.132.25.164/dokuwiki/doku.php?id=wiki:3party:nexus&rev=1695347698>

Last update: **2023/09/22 10:54**