# Nexus

- description : nexus
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## Nexus

IP: 125.132.25.172 PORT: 8081       : /opt/nexus

### Nexus   ?

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

- [IBM 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
```

.

```
[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
```

Nexus                                                         .

```
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          .





3.

> Repository > Repositories > create repository              .


maven2(hosted)              .


```
* proxy:                              .   ,

* group:                         .
* hosted:           nexus                              .
   hosted              .
```

repository                              .
*                              .                Version.Policy
        .


4.

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

> Upload >              repository

repository                              ,                              .




5.              **build.gralde**

build.gradle              .

```
repositories {
```

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

repositoy url                                              .



# Tip

   - Nexus                    ,                        Repository                        .
       Ref > Nexus Repository                                  ,                        .

# Troubleshooting

# Ref

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

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