

Setup self hosted Chocolatey Repository/Proxy on Linux

To host a local repository for [Chocolatey](#) either as server for self-hosted packages or as proxy server for any NuGet server/the official chocolatey repository server we use Solartype Nexus3: [sonatype.com - Nexus3](#)

Therefore that Nexus3 required Java 8 it's recommended to use a Ubuntu Server (in this case 24) because Ubuntu still serves Java 8 from the official repository which Debian doesn't.

1. Download Ubuntu Server from here: [ubuntu.com/download/server](#) and install your machine.
2. Install Java8:

```
sudo apt install openjdk-8-jdk
```

3. Add Sonatype's APT repository to sources lists:

```
wget -P /etc/apt/sources.list.d/  
https://repo.sonatype.com/repository/community-hosted/deb/sonatype-  
community.list
```

4. Add the repositories key:

```
nano sonatype-apt-repo.key
```

And paste the following content:

```
-----BEGIN PGP PUBLIC KEY BLOCK-----  
  
mQGNBF1Uv8ABDAD0Te7EGf8n4jUKzeD9YfqqiPUs/Q54QB0QeFHe+pdMQeC708KL  
W3AX0Qy1C0SUZWlDk0t3F+5ct18S/xT/42bVQYHzaT05zIjLwxqiSB8ApVnR9Gpm  
+N2u6eNyHCXItsdNwV8dj9B5nsRd0Gqgzmklt8bxZUX9NI00QmbcquEg46Kt65J  
IueVqy/qM4vdZSIH3+f/klHblBty8JHNorbNXdtz8e7PuzshVghULKlvgnJmQWdG  
XJsMuWpKYUHdtsN4UH0zsS7uFBn/cwLLYs9bQy9BmK/8tBfcMtoXZGq3/c+fN9fj  
9wdxNeTrbMEsZiaL0LHCZwKEbn03+0jJKtTAxu6Q+benc9/++0BMhQK4gqj7zQW+  
CPlN+gg+PX4WVreU8rhT3kgTGCm2aGiCjBg/aF4BmewLl/+CPgpw9VrFAKPN7w/  
fE5Smcrmta4i4DFSQoMYcl00bzjr3qydx8INcRyXWEXPhz7NW+3PQY4JvUec8/KR  
BE6DJWInZPuo5j0AEQEAAbQxU29uYXR5cGUgQ29tbXVuaXR5IDxjb21tdW5pdHkt  
Z3JvdXBAC29uYXR5cGUuY29tPokB1AQTAQoAPgIbAwULCQgHAgYVCgkICwIEFgID  
AQIeAQIXgBYhB0d4iMdnF0vXGUA16pZLXnIKpPMaBQJhGs7JBQkJaamJAAoJEJZL  
XnIKpPMaLtQMAMthe85oV6QyyWyTqTmNI6Huotd6IXn97YsbL6AUNiE23x4UcF8B  
nVkyafmtIrSkV+W0Y9yuCmgUDDtXDbp0waJeCPK8avTtUpKojRPManh4+K9MK94i  
NkzxbWwGjb2wgbGdSDPuFeAW3dnd+eeC9+5iYtnhUYzcnKFvtnElg9comzpvmZhd  
cyAS5+Kp/bP8sT3Sk51tlnBnYCZuXs30lCi0GUiE8UM5JJJeCMK/ppugPFa5D0wVb  
HGRqCDjWcKdnEYG1c2KUYPVsWZ/5Feqq4PXXDwZbrRwoCWj34omX597RYFKQR7sT  
4pUjwmyl65iIf9jdDerPqSAIkrCaXGdZz1rqC3Fvn7xZm3CRyaQwUgf9pw04kjFo  
neaYSW5P0f37fbAuH4n7c8s/8khFe8ljnKs4ivxQErZMACyddW0ZjJvReD9uBczI  
mgYLA3rarP9fxwwGVCa0IIPchGAeUG53Qsby18m3M4I2oKGJHpENGQZRsu7ArKQl  
e1dx2e2gUr50gbkBJQRdVL/AAQwAr11CHfZ6KBi1IRH/Ca0jG7LonStBX2XUNvyA
```

```
iz+IsFM8CAD8rGSzhgJ02Br/+u9KgyVczoImUlk1TvIzJUmnYUyc2p/WGYdzFs8K
UteSSa2zxNVMbjuePDKu+aThklVnBU//Q2HkqTNPXYklo4f+IzkcQg7A+jcT9BHB
1JhNWhzan3IytpuypXJxX5Le0kXAhULeIiBM+UoGFGdblldVN7ieH5F0rDcbHcYu
RUNZRkwLSARawkc9g8f2omAvwFDzcmvA3xjC3cQMEwBS0BdvsGwM18/0G8khr3E
c03plCeWMAwEfYh0infkP9twoH6XoI4dAyT0nf7w1lsmIYCBjc07V0UtraRfGkjQ
5TXfmPC5LVBo80XLhkcmpYQwFHnncqFzzK20iGM1plc758Enwzx2elGVhXdw5upF
LQUHYU29vHePRwlv/AGAjl+UzZWrE7IKNrphc1bKFsAHJZ0MisJu4BtHTGKcY6EZ
rmnGEW32iCvrZTWcwICRDWx77IZFABEBAAGJAbwEGAekACYCGwwWIQTneIjHZxTr
1xlAJeqWS15yCqTzGgUCYRrPpAUJcWmqZAAKCRCS15yCqTzGiNODACH5Ho5RlBJ
PQcsyaBpLkPzJvM59Q7g50pAWd9GoLF0rnJi5jd7+senRwHYWig4H/9+01lx7fi
7sI2Cd96xXV01pp60popR346IvbiN0Pzk6ngpFfFc90ujA5CrXjj+lMl5VzV3Q00
nVH0vFXkT0wMl0hQ8MdYzkLFuSETEcEdvKM9E5yXhUo0BCC60G+YZTvMuITvAw4i
5xBnLIdKHm0XZhCq3ChtwFf/hXhGH7Xf5F9pHPmHx6tC7+uJ0Tovpk7Jd42YLtHT
RMH/Q390xFfGH0IvrzuHa6cpKaBlE0/Zqs9DGJE7pKetyWA5aRNWElGFWFg0sE0j
0duTbAh/xyvAb9LF2F2XP21EoCmA3mHd2/SVMQfenvk9i8VcB5KBZYKt5kvsoFvy
5YA5ENG8dtMQDyfv3dhUWpzgh00g0of05fp/JUNdHTEHbjh57yj+W04KNsPAL84E
dq6/peJdFjJp7dHV94yQjv1040cNtriD2kTBtucc+XswPSFgyeoR8tQ=
=1ghU
-----END PGP PUBLIC KEY BLOCK-----
```

5. Then update the repositories:

```
sudo apt update
```

6. And install Nexus3:

```
sudo apt install nexus-repository-manager
```

7. When everything was successful, enter the webservice with `http://<ip>:8081/`

8. The password for admin is located under `/opt/sonatype/sonatype-work/nexus3/admin.password` after entering the password, it's forced to be changed.

```
cat /opt/sonatype/sonatype-work/nexus3/admin.password
```

The setup of Nexus is now finished!

Sourced from:

- github.com/sonatype-nexus-community
- [howtoforge.com - install Nexus3 on Ubuntu22](https://howtoforge.com/install-Nexus3-on-Ubuntu22)
- [stackoverflow.com - Nexus serve up chocolatey](https://stackoverflow.com/questions/48484827/nexus-serve-up-chocolatey)

From: <http://fixes.brecht-schule.hamburg/> - Fixes | Public BIT Wiki

Permanent link: <http://fixes.brecht-schule.hamburg/windows/chocolatey/setup-self-hosted-choco-repo?rev=1715513807>

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