YUM Repository Configuration RHEL 8

Every Linux administrator should learn these commands

Prepared for:
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RHEL 8 Yum repository

Yellowdog Updater, Modified (YUM) configuration in RHEL 8. Red Hat Enterprise Linux Version 8 includes AppStream as a new repository so YUM configuration is little different than actual. Let's see How to configure RHEL 8 YUM Repository step by step.

Mount RHEL 8 Installation Media

By default installation media will get AppStream and BaseOS packages. First mount the DVD media into RHEL 8 server using below command (Assuming your CD/DVD drive /dev/sr0). You must have sudo privileges or become root user to mount.

```
# mount /dev/sr0 /mnt
```

Create new directory in where ever you want to dump entire RPM packages Example: /repo

```
# mkdir /repo
```

Copy the entire content of DVD media using below command

```
# cp –Rv /mnt/BaseOS /repo/
# cp –Rv /mnt/AppStream /repo/
```

Now check /repo directory

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```
# cd /repo/
# ls -ltr
total 0
dr-xr-xr-x. 4 root root 38 Jul 24 01:47 BaseOS
dr-xr-xr-x. 4 root root 38 Jul 24 01:48 AppStream
```

YUM Repository configuration

Switch directory to /etc/yum.repos.d/ and create .repo files

```
# cd /etc/yum.repos.d/
# vi BaseOS.repo
[BaseOSRepo]
name=BaseOS
baseurl=file:///repo/BaseOS/
enabled=1
gpgcheck=0

## Create another repo file with file extension .repo
# vi AppStream.repo
[AppStreamRepo]
name=AppStream
baseurl=file:///repo/AppStream/
enabled=1
gpgcheck=0
```

Now check yum repolist

```
# yum repolist
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use
subscription-manager to register.
Last metadata expiration check: 0:00:01 ago on Wed 24 Jul 2019 01:55:06 AM EDT.
repo id repo name status
AppStreamRepo AppStream 4,672
BaseOSRepo BaseOS 1,658
```

Here no need to run createrepo command since BaseOS and AppStream has repo data directories with XML configs already.

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