


RHEL Package Installation

Manual: Installing nss-tools via Local Repository

Platform:  RedHat

Audience:  System Admins

Date:  November 2025

1. Mount Media

1.

Mount the RHEL Installation Media

Attach or mount the ISO to the system.

2.

Create a mount point

Run the following **command** to create a mount point:

a) `mkdir -p /mnt/rhel_iso`

```
root@localhost ~#  
[root@localhost ~]#  
[root@localhost ~]#  
[root@localhost ~]# mkdir -p /mnt/rhel_iso  
[root@localhost ~]#  
[root@localhost ~]#
```



I

3.

Mount the device

Run the following **command** to mount the device:

a) `mount /dev/sr0 /mnt/rhel_iso`

```
root@localhost:~#  
[root@localhost ~]#  
[root@localhost ~]#  
[root@localhost ~]# mkdir -p /mnt/rhel_iso  
[root@localhost ~]#  mount /dev/sr0 /mnt/rhel_iso  
mount: /mnt/rhel_iso: WARNING: device write-protected, mounted read-only.  
[root@localhost ~]#
```


3. Install nss-tools

1.

Verify and Clean Cache

Run the following **commands** to **verify the repository and clean the cache**

a) dnf clean all

```
or-----
[local-AppStream]
name=RHEL Local AppStream
baseurl=file:///mnt/rhel_iso/AppStream
enabled=1
gpgcheck=0
[root@localhost yum.repos.d]# dnf clean all
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use subscription-manager to register.
|
```

b) dnf repolist

```
ppgcheck=0
[root@localhost yum.repos.d]# dnf clean all
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use subscription-manager to register.
3 files removed
[root@localhost yum.repos.d]# dnf repolist
|
```

2.

Install Package

Run the following command to install the nss-tools package

a) `dnf install nss-tools -y`

```
root@localhost/etc/yum/repos.d
[root@localhost yum.repos.d]#
[root@localhost yum.repos.d]#
[root@localhost yum.repos.d]# ls
[root@localhost yum.repos.d]#
[root@localhost yum.repos.d]#
[root@localhost yum.repos.d]#
[root@localhost yum.repos.d]# ls
[root@localhost yum.repos.d]#
[root@localhost yum.repos.d]# vi local_rhel.repo
[root@localhost yum.repos.d]# cat local_rhel.repo
[local-BaseOS]
name=RHEL Local BaseOS
baseurl=file:///mnt/rhel_iso/BaseOS
enabled=1
gpgcheck=0

[local-AppStream]
name=RHEL Local AppStream
baseurl=file:///mnt/rhel_iso/AppStream
enabled=1
gpgcheck=0
[root@localhost yum.repos.d]# dnf clean all
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use subscription-manager to register.

0 files removed
[root@localhost yum.repos.d]# dnf repolist
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use subscription-manager to register.

repo id                                repo name
local-AppStream                        RHEL Local AppStream
local-BaseOS                            RHEL Local BaseOS
[root@localhost yum.repos.d]# dnf install nss-tools -y
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use subscription-manager to register.
```