

Linux - RHEL Subscription

We encountered the error message *'This system is not registered with an entitlement server, You can use "rhc" or "subscription-manager" to register'*. On CentOS Stream 9 Linux system while trying to perform package installations. For RHEL, this usually is an indication that your system is not registered with Red Hat's subscription management service.

```
$ sudo dnf clean all
```

```
Updating Subscription Management repositories.
```

```
Unable to read consumer identity
```

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

```
21 files removed
```

Here is how we solved the issue on the system. Open the following file for editing:

```
sudo vi /etc/dnf/plugins/subscription-manager.conf
```

Change from `enabled=1` to `enabled=0`:

```
[main]
```

```
enabled=0
```

```
# When following option is set to 1, then all repositories defined outside redhat.repo will be disabled
```

```
# every time subscription-manager plugin is triggered by dnf or yum
```

```
disable_system_repos=0
```

You can then update package cache and try install your packages.

For RHEL system, run the following command to register your system with the Red Hat Subscription Manager:

```
sudo subscription-manager register --username <your_username> --password <your_password>
```

Remember to replace use correct username and password for your Red Hat account. After successful registration, attach a subscription to the system:

```
sudo subscription-manager attach --auto
```

Check if subscription was successful and list of repositories the system has access to:

```
sudo subscription-manager status
```

To enable a specific repository, run:

```
sudo subscription-manager repos --enable=<repository_name>
```

Listing of available repositories can be done using:

```
sudo subscription-manager repos --list
```

Enjoy using your CentOS Stream or Red Hat Enterprise Linux system!.

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