



**LIGHTNING TALK**



# SUBSCRIPTION MANAGER

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**RED HAT  
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# WHAT IS IT?

Red Hat Subscription-Manager is an on-premise, system agent that offers both GUI and command-line interfaces to manage the subscriptions allocated to the local system. Subscription-Manager connects the customer's system to the content and subscription services hosted by Red Hat Customer Portal, Subscription Asset Manager, or Red Hat Satellite 6.

# SOME TERMINOLOGY

- Account
- Login
- Subscription
- Repository



# ACCOUNT

Collection of users and subscriptions tied to a company or business unit

I'll be using "PassKey Security".

# LOGIN

A user identity on the Red Hat Customer Portal

I'll be using "passkeysec"

# SUBSCRIPTION

The unit of software purchased from Red Hat

Can enable access to multiple products

I'll be using the "30 Day Self-Supported Red Hat Enterprise Linux Developer Workstation Evaluation"

# REPOSITORY

The actual software channel your system will download packages from

rhel-6-server-rpms

rhel-6-server-extras-rpms

rhel-6-server-optional-rpms

# THE GOAL

- Make subscriptions easy to use
- Make subscription inventory easy to track
- Make subscription utilization easy to report



# HOW DOES IT WORK?

Red Hat Subscription Management (RHSM) uses certificates to enable access to your subscribed software.



```
[root@rhel6 pki]# ls /etc/pki/product  
69.pem
```

69.pem identifies this as a RHEL system

```
[root@rhel6 pki]# ls /etc/pki/consumer  
cert.pem  key.pem
```

cert.pem and key.pem files are created when you register the system

```
[root@rhel6 pki]# ls /etc/pki/entitlement  
6845992526806626768-key.pem  6845992526806626768.pem
```

certificates for subscriptions that have been attached to the local system





Questions?