

# **SUSE Manager 3 Sync SMT**

Adfinis**sy**Group

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# SUSE Manager 3 Hands-on



## **Hands-on :: SMT Sync 02**

Configure SMT in SUMA and synchronize the channels.

## SMT Sync 02 - Configuration

Modify `/etc/fstab` and mount the SMT data disk (`/dev/vdisk1`):

```
UUID=58de515b-d594-482d-9368-5ecfe5691fbb /data xfs defaults 0 2
```

```
# mkdir /data
```

```
# mount -a
```

## SMT Sync 02 - Configuration

Configure the local data directory in `zotc/rhah/rhn.conf`, restart tomcat and synchronize the channels:

```
[...]  
# local data directory  
server.susemanager.fromdir = /data/repos_init_20161109
```

```
# systemctl restart tomcat  
  
# mgr-sync refresh  
  
# mgr-sync list channels  
  
# mgr-sync add channel $channel-label
```

## SMT Sync 02 - Required Channels

- sles12-sp1-pool-x86\_64
- sles12-sp1-updates-x86\_64
- sle-manager-tools12-pool-x86\_64-sp1
- sle-manager-tools12-updates-x86\_64-sp1
- suse-manager-proxy-3.0-pool-x86\_64
- suse-manager-proxy-3.0-updates-x86\_64

# SMT Sync 02 - Verification I

Check the synchronization log files in `/var/log/rhn/reposync/`:

```
# ls -la /var/log/rhn/reposync/
total 300
drwxr-xr-x 1 root www 430 Nov 9 15:12 .
drwxrwx--- 1 root www 360 Nov 9 10:55 ..
-rw-rw---- 1 wwwrun www 2034 Nov 9 15:11 sle-manager-tools12-pool-x86_64-sp1.log
-rw-rw---- 1 wwwrun www 9384 Nov 9 15:12 sle-manager-tools12-updates-x86_64-sp1.log
-rw-rw---- 1 wwwrun www 161744 Nov 9 14:45 sles12-sp1-pool-x86_64.log
-rw-rw---- 1 wwwrun www 118187 Nov 9 15:11 sles12-sp1-updates-x86_64.log
-rw-rw---- 1 wwwrun www 311 Nov 9 15:12 suse-manager-proxy-3.0-pool-x86_64.log
-rw-rw---- 1 wwwrun www 317 Nov 9 15:12 suse-manager-proxy-3.0-updates-x86_64.log
```



# SMT Sync 02 - Verification II

Check the synchronization in the WebUI:

The screenshot displays the SUSE Manager web interface. The top navigation bar includes 'SUSE Manager', 'Knowledgebase', 'Documentation', and user information for 'admin' and 'adsy'. A search bar is present with a dropdown menu set to 'Systems'. The main navigation menu includes 'Overview', 'Systems', 'Salt', 'Patches', 'Channels', 'Audit', 'Configuration', 'Schedule', 'Users', 'Admin', and 'Help'. The 'Channels' section is active, showing '0 systems selected' and 'Manage' and 'Clear' buttons.

The main content area is titled 'Full Software Channel List' and includes a filter for 'Channel Name'. Below the filter, a table lists the software channels available to the organization.

The software channels listed below are **all of the channels** that your organization has access to.

Channel Name	Provider	Packages	Errata	Systems
<input type="checkbox"/> SLES12-SP1-Pool for x86_64	SUSE	1917	0	0
<input type="checkbox"/> SLE-Manager-Tools12-Pool x86_64 SP1	SUSE	0	0	0
<input type="checkbox"/> SLE-Manager-Tools12-Updates x86_64 SP1	SUSE	0	0	0
<input type="checkbox"/> SLES12-SP1-Updates for x86_64	SUSE	0	0	0
<input type="checkbox"/> SUSE-Manager-Proxy-3.0-Pool for x86_64	SUSE	0	0	0
<input type="checkbox"/> SUSE-Manager-Proxy-3.0-Updates for x86_64	SUSE	0	0	0

# SMT Sync 02 - Verification III

Check the synchronization with the `spacecmd` command:

```
# spacecmd softwarechannel_list
INFO: Connected to https://localhost/rpc/api as admin
sle-manager-tools12-pool-x86_64-sp1
sle-manager-tools12-updates-x86_64-sp1
sles12-sp1-pool-x86_64
sles12-sp1-updates-x86_64
suse-manager-proxy-3.0-pool-x86_64
suse-manager-proxy-3.0-updates-x86_64

# spacecmd softwarechannel_details sles12-sp1-updates-x86_64
INFO: Connected to https://localhost/rpc/api as admin
Label:      sles12-sp1-updates-x86_64
Name:       SLES12-SP1-Updates for x86_64
Architecture:  x86_64
Parent:     sles12-sp1-pool-x86_64
Systems Subscribed: 0
Number of Packages: 2140

Summary
-----
SUSE Linux Enterprise Server 12 SP1 x86_64

Description
-----
SUSE Linux Enterprise offers a comprehensive suite of products built
on a single code base. The platform addresses business needs from the
smallest thin-client devices to the world's most powerful high-
performance computing and mainframe servers. SUSE Linux Enterprise
offers common management tools and technology certifications across
the platform, and each product is enterprise-class.

GPG Key:
GPG Fingerprint:
GPG URL:
```

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