

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/vxkd1`):

```
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 `zetc/rh/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 the SUSE Manager logo, user information (admin, adsy), and utility links (Knowledgebase, Documentation). A search bar is present on the right. The main navigation menu includes Overview, Systems, Salt, Patches, Channels (selected), Audit, Configuration, Schedule, Users, Admin, and Help. A status bar indicates '0 systems selected' and provides 'Manage' and 'Clear' buttons.

The 'Channels' section is active, showing a 'Full Software Channel List'. Below the title are tabs for 'All Channels', 'SUSE Channels', 'Popular Channels', 'My Channels', 'Shared Channels', and 'Retired Channels'. A message states: 'The software channels listed below are **all of the channels** that your organization has access to.'

A filter box 'Filter by Channel Name:' is available, along with links for 'Show All Child Channels' and 'Hide All Child Channels'. The main content is a table with the following data:

Channel Name	Provider	Packages	Errata	Systems
SLES12-SP1-Pool for x86_64	SUSE	1917	0	0
SLE-Manager-Tools12-Pool x86_64 SP1	SUSE	0	0	0
SLE-Manager-Tools12-Updates x86_64 SP1	SUSE	0	0	0
SLES12-SP1-Updates for x86_64	SUSE	0	0	0
SUSE-Manager-Proxy-3.0-Pool for x86_64	SUSE	0	0	0
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
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SUSE Linux Enterprise Server 12 SP1 x86_64

Description
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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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