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SUSE Zypper

- https://en.opensuse.org/SDB:Zypper_usage
- <https://doc.opensuse.org/documentation/leap/reference/html/book.opensuse.reference/cha-sw-cl.html>

Zypper

Zypper

```
zypper [options] COMMAND [command-options] [arguments]
```

Zypper

```
zypper [--global-options] COMMAND [--command-options] [arguments]
```

Zypper

Zypper 가

```
sudo zypper patch
```

```
sudo zypper --non-interactive patch
```

–non-interactive
().

```
sudo zypper patch --auto-agree-with-licenses
```

-auto-agree-with-licenses

가

가

install

```
sudo zypper install mplayer
```

가

```
zypper search -t pattern
```

mc vim factory

```
sudo zypper -v install --from factory mc vim
```

-from

()

-repo

-from

Zypper

dry-run

```
sudo zypper remove --dry-run MozillaFirefox
```

Zypper -userdata STRING

Zypper (: Btrfs)

```
sudo zypper --userdata STRING patch
```

Zypper

Zypper zypper_execdir /usr/lib/zypper/commands
zypper_execdir Zypper \$PATH

Zypper

Zypper

가

```
zypper help subcommand
[...]
Available zypper subcommands in '/usr/lib/zypper/commands'

appstream-cache
lifecycle
migration
search-packages
```

Zypper subcommands available from elsewhere on your \$PATH

<none>

```
zypper help appstream-cache
```

Zypper

```
sudo zypper install PACKAGE_NAME
sudo zypper remove PACKAGE_NAME
```



Kernel

Glibc, Zypper,

가 가

- zypper install
- zypper remove

Last update: 2021/03/31 suse_zypper_ https://atl.kr/dokuwiki/doku.php/suse_zypper_%EC%82%AC%EC%9A%A9%EB%B2%95?rev=1617157899
02:31

```
sudo zypper install MozillaFirefox
```

```
sudo zypper install MozillaFirefox-52.2
```

```
sudo zypper install mozilla:MozillaFirefox
```

Moz

```
sudo zypper install 'Moz*'
```

-debuginfo



가

```
sudo zypper remove '*-debuginfo'
```

MozillaFirefox

```
sudo zypper install firefox
```

AMD64/Intel64

(Zypper

가
x86_64)

sudo zypper source-install -D PACKAGE_NAME </code> </WRAP>
. -d

sudo zypper source-install -d PACKAGE_NAME </code> </WRAP>
가 가 () .
2.1.6, “ ”
가

zypper search -t srccpackage </code> </WRAP>

zypper source-download </code> </WRAP>

. /var/cache/zypper/source-download-directory-status-delete-no-delete

2.1.3.6 #

Zypper

. -plus-content TAG

가

. -debuginfo-debugsource-plus-content debug

. -debuginfo

sudo zypper -plus-content debug \

install "debuginfo(build-id)=eb844a5c20c70a59fc693cd1061f851fb7d046f4"

</code> </WRAP> 가 build-idgdb

Note :

DVD

-plus-contentzypper

2.1.3.7 #

zypper verify </code> </WRAP>

가
(가) 가)

sudo zypper install-new-recommends </code> </WRAP> Wi-Fi
가

2.1.4 Zypper # Zypper

가
”, 13 “

zypper dist-upgrade “

2.1.4.1 #

```
sudo zypper patch </code> </WRAP>
( )
optionalfeature
```

```
. zypper patchwith-update
```

```
sudo zypper patch -with-update </code> </WRAP>
```

```
sudo zypper patch -with-optional </code> </WRAP> Bugzilla
```

```
sudo zypper patch -bugzilla=NUMBER </code> </WRAP> CVE
```

```
sudo zypper patch -cve=NUMBER </code> </WRAP> CVE 가
. CVE-2010-2713
```

```
sudo zypper patch -cve=CVE-2010-2713 </code> </WRAP> Zypper
```

```
sudo zypper patch -updatestack-only </code> </WRAP>
. updatestack-only
```

2.1.4.2 # Zypper

```
( )
. patch-check
```

```
zypper patch-check Loading repository data... Reading installed packages... 5 patches needed (1
security patch) </code> </WRAP> Zypper
. -updatestack-only
```

```
( )
. list-patches
```

```
zypper list-patches Repository | Name | Category | Severity | Interactive | Status | S>
-----+-----+-----+-----+-----+-----> Update | openSUSE-2019-828 | security |
moderate | — | needed | S>
```

```
Found 1 applicable patch: 1 patch needed (1 security patch) </code> </WRAP>
Zypper 1.14.36 가 . Since
```

```
. zypper patches
```

```
. zypper list-patches
```

Bugzilla . -bugzilla

가 . -bugzilla=NUMBER

```
zypper list-patches -bugzilla=972197,956917 </code> </WRAP> CVE           CVE  
      ) . --cve
```

CVE
CVE
CVE
-cve=NUMBER 가 . .

```
zypper list-patches -bugzilla=CVE-2016-2315,CVE-2016-2324 </code> </WRAP>
                           가           .           CVE     가
                           .-all
```

```
zypper list-patches -all -cve Issue | No. | Patch | Category | Severity | Status  
---+----+----+----+----+----+----- cve | CVE-2019-0287 | SUSE-SLE-Module.. |  
recommended | moderate | needed cve | CVE-2019-3566 | SUSE-SLE-SERVER.. | recommended |  
moderate | not needed [...] </code> </WRAP> 2.1.4.3 #
```

zypper patch

```
sudo zypper update </code> </WRAP>
```

```
sudo zypper update PACKAGE_NAME sudo zypper install PACKAGE_NAME </code> </WRAP>
          가           가 .

```

```
zypper list-updates </code> </WRAP>
```

가

가

).

가

가

```
sudo zypper list-updates -all </code> </WRAP>
. zypper installzypper update
```

2.1.4.4 # Zypper

```
sudo zypper packages -orphaned </code> </WRAP>
```

. zypper pszypper ps

```
zypper ps PID | PPID | UID | User | Command | Service | Files ---+---+---+---  
+-----+-----+----- 814 | 1 | 481 | avahi | avahi-daemon | avahi-daemon |  
/lib64/ld-2.19.s→
```

```
[...] </code> </WRAP> Pid:           ID Ppid:           ID Uid:  
    ID      :           :  
    :           (           )   :  
          . zypper ps
```

zypper ps-s

```
zypper ps -s PID | PPID | UID | User | Command | Service ---+---+---+---+---+---+  
814 | 1 | 481 | avahi | avahi-daemon | avahi-daemon 817 | 1 | 0 | root | irqbalance | irqbalance 1567 |  
1 | 0 | root | sshd | sshd 1761 | 1 | 0 | root | master | postfix 1764 | 1761 | 51 | postfix | pickup | postfix  
1765 | 1761 | 51 | postfix | qmgr | postfix 2031 | 2027 | 1000 | tux | bash | </code> </WRAP> zypper  
ps-ss
```

```
PID | PPID | UID | User | Command | Service ---+---+---+---+-----+----- 814 | 1 | 481  
| avahi | avahi-daemon | avahi-daemon 817 | 1 | 0 | root | irqbalance | irqbalance 1567 | 1 | 0 | root |  
sshd | sshd 1761 | 1 | 0 | root | master | postfix 1764 | 1761 | 51 | postfix | pickup | postfix 1765 | 1761  
| 51 | postfix | qmgr | postfix </code> </WRAP> zypper ps-sss
```

avahi-daemon irqbalance postfix sshd </code> </WRAP> zypper ps-print “systemctl status %s”

systemctl status avahi-daemon systemctl status irqbalance systemctl status postfix systemctl status sshd </code> </WRAP> 10 , systemd.

2.1.6 # Zypper

```
zypper repos </code> </WRAP>
```

```
2.1: - # zypper repos # | Alias | Name | Enabled | GPG  
Check | Refresh --+-----+-----+----+----+--- 1 | Leap-15.1-Main | Main  
(OSS) | Yes | (r ) Yes | Yes 2 | Leap-15.1-Update | Update (OSS) | Yes | (r ) Yes | Yes 3 | Leap-15.1-  
NOSS | Main (NON-OSS) | Yes | (r ) Yes | Yes 4 | Leap-15.1-Update-NOSS | Update (NON-OSS) | Yes | (r  
) Yes | Yes [...] </code> </WRAP> , URI
```

. zypper repos

URI 가

```
zypper repos -d </code> </WRAP> 2.1.6.1           가 #  
  가
```

`sudo zypper addrepo URI ALIAS` </code> </WRAP> Uri
CD DVD () http://en.opensuse.org/openSUSE:Libzypp_URLs
). The

Zypper가

`sudo zypper refresh` Note : zypper
가 .refresh

refresh-plus-content

```
sudo zypper -plus-content refresh </code> </WRAP>
```

2.1.6.3 # . zypper

```
sudo zypper removerepo 4 sudo zypper removerepo "Leap-42.3-NOSS" </code> </WRAP> 2.1.6.4  
#  
( : , )  
가 . . . .
```

```
zypper modifyrepoupdates
```

```
sudo zypper modifyrepo -er -p 20 'updates' </code> </WRAP>
```

renamerepoMozilla Firefoxfirefox

```
sudo zypper renamerepo 'Mozilla Firefox' firefox </code> </WRAP> 2.1.7  
# Zypper  
가
```

`zypper products` `zypper patterns` `zypper packages` `zypper patches` </code> </WRAP>

searchinfo

2.1.7.1 #

. zypper search/

```
fire zypper search "fire" </code> </WRAP>
```

```
MozillaFirefox zypper search -match-exact "MozillaFirefox" </code> </WRAP>
```

```
zypper search -d fire </code> </WRAP>
```

```
zypper search -u fire </code> </WRAP>
```

`zypper se "/fir[^e]/"` </code> </WRAP> 2.1.7.2

fire

Perl

. what-providesSVN::Core
 zypper what-provides 'perl(SVN::Core)' </code> </WRAP> . what-provides
 PACKAGE_NAMERpm -q -whatprovides PACKAGE_NAMERPM RPM ()
 , Zypper

2.1.7.3 # 가
) 가 (. info-t
 가
 / , : -requires-recommends

zypper info -requires MozillaFirefox </code> </WRAP> 2.1.8 #
 Zypper Zypper ()

가
 /etc/zypp/zypper.conf~/.zypper.conf~/.zypper.conf/etc/zypp/zypper.conf~/.zypper.conf

2.1.9 # 가
 (: Zypper)

sudo zypper refresh </code> </WRAP>

sudo zypper refresh -fdb </code> </WRAP>

2.1.10 Btrfs # Btrfs
 Zypper Zypper
 snappersnapperChapter 3, 가

2.1.11 #
 . zypper helpzypper help . 가
 Zypper
 zypper(8)cheat sheetshttp://en.opensuse.org/SDB:Zypper_usage.
<http://en.opensuse.org/openSUSE:Zypper>

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Last update: 2021/03/31 02:31

