SUSE Zyppe	r
Zypper	3
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Zypper	
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	4
Zypper	
Zypper	
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Zypper	
71.1.	
Zypper	
	가
7,,,,,,,,,,	
Zypper	
Zypper	
_ ,,,,	
Btrfs	20

03/07

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suse_zypper_ https://atl.kr/dokuwiki/doku.php/suse_zypper_%EC%82%AC%EC%9A%A9%EB%B2%95

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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-c l.html

Zypper

Zypper

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

suse_zypper_

```
--auto-agree-with-licenses
                                           가
                       가
                                         install
sudo zypper install mplayer
                 가
zypper search -t pattern
                                                          factory
                                          mc
                                               vim
sudo zypper -v install --from factory mc vim
  --from
                   )
                     .--repo --from
                                         dry-run
      Zypper
sudo zypper remove --dry-run MozillaFirefox
                 --userdata STRING
Zypper
                               ( : Btrfs
       Zypper
sudo zypper --userdata STRING patch
```

Zypper

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

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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



. Glibc, Zypper,

가 가

- zypper install
- zypper remove

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

7\ AMD64/Intel64 (Zypper x86_64)

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sudo zypper install 'firefox.x86_64'

• 가 가

sudo zypper install 'firefox>=74.2'

sudo zypper install 'firefox.x86_64>=74.2'

RPM 가

sudo zypper install /tmp/install/MozillaFirefox.rpm
sudo zypper install http://download.example.com/MozillaFirefox.rpm

. +/- emacs

vim

sudo zypper install emacs -vim

emacs vim

sudo zypper remove emacs +vim

- 가 --

sudo zypper install -emacs +vim # Wrong
sudo zypper install vim -emacs # Correct
sudo zypper install -- -emacs +vim # Correct
sudo zypper remove emacs +vim # Correct

clean-deps

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suse_zypper_

sudo zypper rm --clean-deps PACKAGE_NAME

zypper source-install PACKAGE_NAME

sudo zypper source-install -D PACKAGE_NAME

- d .

sudo zypper source-install -d PACKAGE_NAME

가 가 (가). 가 .

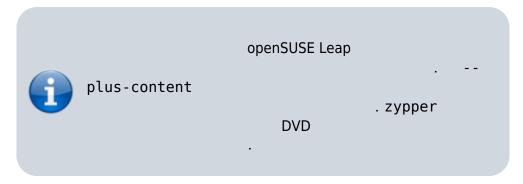
zypper search -t srcpackage

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```
zypper source-download
```

```
/var/cache/zypper/source-download. --directory
     --status
                                                        --delete
                              --no-delete
                                                                   --plus-
content TAG
                                                Zypper
        -debuginfo -debugsource
                                   가
       --plus-content debug
                                    -debuginfo
sudo zypper --plus-content debug \
   install "debuginfo(build-id)=eb844a5c20c70a59fc693cd1061f851fb7d046f4"
build-id
                             가
```

qdb



```
zypper verify
```

가 (가 가

sudo zypper install-new-recommends

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suse_zypper_

Wi-Fi . 가

Zypper

Zypper

zypper dist-upgrade

가

)

sudo zypper patch

(optional feature

zypper patch

with-update

sudo zypper patch --with-update

sudo zypper patch --with-optional

Bugzilla

sudo zypper patch --bugzilla=NUMBER

CVE

sudo zypper patch --cve=NUMBER

CVE CVE-2010-2713 가

sudo zypper patch --cve=CVE-2010-2713

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```
Zypper
sudo zypper patch --updatestack-only
updatestack-only
                              Zypper
       (
                                     )
                                                    patch-check
zypper patch-check
Loading repository data...
Reading installed packages...
5 patches needed (1 security patch)
                                             --updatestack-only
      Zypper
                                     )
                                                    list-patches
zypper list-patches
                         | Category | Severity | Interactive | Status
Repository | Name
Update | openSUSE-2019-828 | security | moderate | --- | needed
| S>
Found 1 applicable patch:
1 patch needed (1 security patch)
```

Zypper 1.14.36

Since

```
openSUSE Leap
         zypper patches
                                                                zypper
list-patches
                                        --bugzilla
Bugzilla
                           --bugzilla=NUMBER
                                                  가
Bugzilla
zypper list-patches --bugzilla=972197,956917
CVE
CVE
                            )
                                                                 --cve
   CVE
                                        CVE
cve=NUMBER.
              CVE
                                                             CVE
      가
zypper list-patches --bugzilla=CVE-2016-2315,CVE-2016-2324
                                                가
                                     --all
                                                                     CVE
 가
zypper list-patches --all --cve
Issue | No. | Patch | Category | Severity | Status
      | CVE-2019-0287 | SUSE-SLE-Module.. | recommended | moderate | needed
cve
cve | CVE-2019-3566 | SUSE-SLE-SERVER.. | recommended | moderate | not
needed
[...]
```

https://atl.kr/dokuwiki/ Printed on 2025/10/01 20:48

(

zypper patch

sudo zypper update

sudo zypper update PACKAGE_NAME
sudo zypper install PACKAGE_NAME

가 가

zypper list-updates

sudo zypper list-updates --all

zypper install zypper

update

Zypper 가 (Orphan) 가 .

sudo zypper packages --orphaned

가

가 가 . zypper ps . 가 Last update: 2025/03/07 01:43

suse_zypper_

zypper ps

zypper ps PID PPID UID User Command		Files +
- 814 1 481 avahi avahi-daemon /lib64/ld-2.19.s->	avahi-daemon	I

• PID: ID

• PPID: ID

• UID:

• Login:

• Command:

• Service: ()

• Files:

zypper ps

zypper ps -s

zypper ps -s PID PPID	UID User	Command	Service
817 1 1567 1 1761 1	<u>.</u>	avahi-daemon irqbalance sshd master pickup	•

zypper ps -ss

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	•		•		Service +
814 817 1567 1761 1764	1	481 0 0 0 51	avahi	avahi-daemon irqbalance sshd master pickup	avahi-daemon

zypper ps -sss

avahi-daemon
irqbalance
postfix
sshd

zypper ps --print "systemctl status %s"

systemctl status avahi-daemon
systemctl status irqbalance
systemctl status postfix
systemctl status sshd

10 , systemd.

Zypper

Zypper

zypper repos

2.1:

zypper repos # | Alias

| Name

| Enabled | GPG Check |

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```
Refresh
---+-----
                              -----+---
 1 | Leap-15.1-Main | Main (OSS)
2 | Leap-15.1-Update | Update (OSS)
3 | Leap-15.1-NOSS | Main (NON-OSS)
                                               | Yes
                                                         | (r ) Yes | Yes
                                                         | (r ) Yes | Yes
                                               | Yes
                                               | Yes
                                                         | (r ) Yes
                                                                      | Yes
 4 | Leap-15.1-Update-NOSS | Update (NON-OSS) | Yes | (r ) Yes
                                                                     | Yes
[...]
                              zypper repos
                                                         , URI
                                       가
        URI
                                               가
zypper repos -d
            가
            가
sudo zypper addrepo URI ALIAS
URI
                                            CD
                                                                  . ALIAS
                                                   DVD
                             Zypper가
                                           가
                                                                    가
zypper
sudo zypper refresh
                   zypper
                                                           가
                   refresh
  refresh
                       --plus-content
```

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sudo zypper --plus-content refresh

가

zypper remove

Leap-42.3-NOSS

```
sudo zypper removerepo 4
sudo zypper removerepo "Leap-42.3-NOSS"
```

sudo zypper modifyrepo -er -p 20 'updates'

- -a:
- -l:
- -t:
- -m TYPE: (가 : http, https, ftp, cd, dvd, dir, file, cifs, smb, nfs, hd, iso)

renamerepo . Mozilla

Firefox firefox

sudo zypper renamerepo 'Mozilla Firefox' firefox

Zypper

Zypper . 가 ,

```
zypper products
zypper patterns
zypper packages
```

suse_zypper_

```
zypper patches
                                       search
       info
zypper search
                                                                      . /
           fire가
zypper search "fire"
             MozillaFirefox
zypper search --match-exact "MozillaFirefox"
zypper search -d fire
zypper search -u fire
fir
       е
zypper se "/fir[^e]/"
                                                                      Perl
                                 what-provides
  SVN::Core
zypper what-provides 'perl(SVN::Core)'
what-provides PACKAGE_NAME rpm -q -whatprovides PACKAGE_NAME
  RPM RPM
                                                                        , Zypper
```

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15

```
zypper search --provides --match-exact <file>
zypper search --provides <file>
```

```
info
가
가
가
가 --requires --
```

recommends

zypper info --requires MozillaFirefox

Zypper

```
Zypper ( )
/etc/zypp/zypper.conf.
~/.zypper.conf /etc/zypp/zypper.conf
가 . ~/.zypper.conf
```

가 (: Zypper)

sudo zypper refresh

sudo zypper refresh -fdb

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suse_zypper_

Btrfs

Btrfs snapper가 Zypper

snapper . Zypper

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