



链滴

# openSUSE add china repo

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原文链接: <https://ld246.com/article/1581929446072>

来源网站: [链滴](#)

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## openSUSE add china mirror repo

### 使用 zypper 工具

以 [openSUSE Tumbleweed 20200207](#) 为例

### 查看现在所启用的repo

```
# zypper lr
Repository priorities are without effect. All enabled repositories share the same priority.
```

```
# | Alias          | Name                               | Enabled | GPG Check | Refresh
-----+-----+-----+-----+-----
1 | repo-debug     | openSUSE-Tumbleweed-Debug        | No      | ----      | ----
2 | repo-oss       | openSUSE-Tumbleweed-Oss         | Yes     | (r) Yes   | Yes
3 | repo-source   | openSUSE-Tumbleweed-Source      | No      | ----      | ----
4 | repo-update   | openSUSE-Tumbleweed-Update      | Yes     | (r) Yes   | Yes
```

### 添加清华源

最后是镜像源的备注信息，其它的镜像站的添加方式类似。

```
zypper addrepo -f https://mirrors.tuna.tsinghua.edu.cn/opensuse/tumbleweed/repo/oss/ tsin
hua-mirrors-oss
```

### 查看添加之后的系统repo状态

可以看到相应的源已经添加成功。

```
# zypper lr
```

Repository priorities are without effect. All enabled repositories share the same priority.

#	Alias	Name	Enabled	GPG Check	Refresh
1	repo-debug	openSUSE-Tumbleweed-Debug	No	----	----
2	repo-oss	openSUSE-Tumbleweed-Oss	Yes	(r) Yes	Yes
3	repo-source	openSUSE-Tumbleweed-Source	No	----	----
4	repo-update	openSUSE-Tumbleweed-Update	Yes	(r) Yes	Yes
5	tsinghua-mirrors-oss	tsinghua-mirrors-oss	Yes	(p) Yes	Yes

## zypper 的帮助信息

```
zypper
```

Usage:

```
zypper [--GLOBAL-OPTIONS] <COMMAND> [--COMMAND-OPTIONS] [ARGUMENTS]
zypper <SUBCOMMAND> [--COMMAND-OPTIONS] [ARGUMENTS]
```

Global Options:

```
--help, -h           Help.
--version, -V        Output the version number.
--promptids          Output a list of zypper's user prompts.
--config, -c <FILE> Use specified config file instead of the default.
--userdata <STRING> User defined transaction id used in history and plugins.
--quiet, -q          Suppress normal output, print only error messages.
--verbose, -v        Increase verbosity.
--color
--no-color           Whether to use colors in output if tty supports it.
--no-abbrev, -A      Do not abbreviate text in tables. Default: false
--table-style, -s <INTEGER>
                    Table style (0-11).
--non-interactive, -n Do not ask anything, use default answers automatically. Default: false
--non-interactive-include-reboot-patches
                    Do not treat patches as interactive, which have the rebootSuggested-flag
                    set. Default: false
--xmlout, -x         Switch to XML output.
--ignore-unknown, -i Ignore unknown packages. Default: false
--terse, -t          Terse output for machine consumption. Implies --no-abbrev and
                    --no-color.

--reposd-dir, -D <DIR> Use alternative repository definition file directory.
--cache-dir, -C <DIR> Use alternative directory for all caches.
--raw-cache-dir <DIR> Use alternative raw meta-data cache directory.
--solv-cache-dir <DIR> Use alternative solv file cache directory.
--pkg-cache-dir <DIR> Use alternative package cache directory.
```

Repository Options

```
--no-gpg-checks      Ignore GPG check failures and continue. Default: false
```

--gpg-auto-import-keys Automatically trust and import new repository signing keys.  
--plus-repo, -p <URI> Use an additional repository.  
--plus-content <TAG> Additionally use disabled repositories providing a specific keyword  
Try

'--plus-content debug' to enable repos indicating to provide debug packages.  
--disable-repositories Do not read meta-data from repositories.  
--no-refresh Do not refresh the repositories.  
--no-cd Ignore CD/DVD repositories.  
--no-remote Ignore remote repositories.  
--releasever Set the value of \$releasever in all .repo files (default: distribution version)

### Target Options

--root, -R <DIR> Operate on a different root directory.  
--installroot <DIR> Operate on a different root directory, but share repositories with the host.  
--disable-system-resolvables Do not read installed packages.

### Commands:

help, ? Print zypper help  
shell, sh Accept multiple commands at once.

### Repository Management:

repos, lr List all defined repositories.  
addrepo, ar Add a new repository.  
removerepo, rr Remove specified repository.  
renamerepo, nr Rename specified repository.  
modifyrepo, mr Modify specified repository.  
refresh, ref Refresh all repositories.  
clean, cc Clean local caches.

### Service Management:

services, ls List all defined services.  
addservice, as Add a new service.  
modifyservice, ms Modify specified service.  
removeservice, rs Remove specified service.  
refresh-services, refs Refresh all services.

### Software Management:

install, in Install packages.  
remove, rm Remove packages.  
verify, ve Verify integrity of package dependencies.  
source-install, si Install source packages and their build dependencies.  
install-new-recommends, inr Install newly added packages recommended by installed packages.

## Update Management:

update, up	Update installed packages with newer versions.
list-updates, lu	List available updates.
patch	Install needed patches.
list-patches, lp	List available updates.
dist-upgrade, dup	Perform a distribution upgrade.
patch-check, pchk	Check for patches.

## Querying:

search, se	Search for packages matching a pattern.
info, if	Show full information for specified packages.
patch-info	Show full information for specified patches.
pattern-info	Show full information for specified patterns.
product-info	Show full information for specified products.
patches, pch	List all available patches.
packages, pa	List all available packages.
patterns, pt	List all available patterns.
products, pd	List all available products.
what-provides, wp	List packages providing specified capability.

## Package Locks:

addlock, al	Add a package lock.
removelock, rl	Remove a package lock.
locks, ll	List current package locks.
cleanlocks, cl	Remove useless locks.

## Locale Management:

locales, lloc	List requested locales (languages codes).
addlocale, aloc	Add locale(s) to requested locales.
removelocale, rloc	Remove locale(s) from requested locales.

## Other Commands:

versioncmp, vcmp	Compare two version strings.
targetos, tos	Print the target operating system ID string.
licenses	Print report about licenses and EULAs of installed packages.
download	Download rpms specified on the commandline to a local directory.
source-download	Download source rpms for all installed packages to a local directory.
needs-rebooting	Check if the needs-reboot flag was set.
ps	List running processes which might still use files and libraries deleted by recent upgrades.
purge-kernels	Remove old kernels.

## Subcommands:

subcommand	Lists available subcommands.
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Type 'zypper help <COMMAND>' to get command-specific help.