

Enable Repos Alma Linux Yum (yum-config-manager)

Oct 2023

Using our AlmaLinux installer means that many repositories are not enabled, this is a short guide on how to resolve this.

From the command line, use the following command:

```
yum repolist --all
```

You should see a list similar to the following, albeit with different repositories.

repo id	repo name	status
alma-updates-8.7-2023.04.26	alma-updates-8.7-2023.04.26	enabled
appstream	AlmaLinux 8 - AppStream	disabled
appstream-debuginfo	AlmaLinux 8 - AppStream debuginfo	disabled
appstream-source	AlmaLinux 8 - AppStream Source	disabled
baseos	AlmaLinux 8 - BaseOS	disabled
baseos-debuginfo	AlmaLinux 8 - BaseOS debuginfo	disabled
baseos-source	AlmaLinux 8 - BaseOS Source	disabled
extras	AlmaLinux 8 - Extras	disabled
extras-debuginfo	AlmaLinux 8 - Extras debuginfo	disabled
extras-source	AlmaLinux 8 - Extras Source	disabled
ha	AlmaLinux 8 - HighAvailability	disabled
ha-debuginfo	AlmaLinux 8 - HighAvailability debuginfo	disabled
ha-source	AlmaLinux 8 - HighAvailability Source	disabled
install-utils_repo	install-utils_repo repo	disabled
k3s-pre-reqs_repo	k3s-pre-reqs_repo repo	disabled
mkel_repo	mkel_repo repo	enabled
nfv	AlmaLinux 8 - Real Time for NFV	disabled
nfv-debuginfo	AlmaLinux 8 - Real Time for NFV Debuginfo	disabled
nfv-source	AlmaLinux 8 - Real Time for NFV Sources	disabled
plus	AlmaLinux 8 - Plus	disabled
plus-debuginfo	AlmaLinux 8 - Plus debuginfo	disabled
plus-source	AlmaLinux 8 - Plus Source	disabled
powertools	AlmaLinux 8 - PowerTools	disabled
powertools-debuginfo	AlmaLinux 8 - PowerTools debuginfo	disabled
powertools-source	AlmaLinux 8 - PowerTools Source	disabled
reboot-daemon_repo	reboot-daemon_repo repo	disabled
resilientstorage	AlmaLinux 8 - ResilientStorage	disabled
resilientstorage-debuginfo	AlmaLinux 8 - ResilientStorage debuginfo	disabled
resilientstorage-source	AlmaLinux 8 - ResilientStorage Source	disabled
rt	AlmaLinux 8 - Real Time	disabled
rt-debuginfo	AlmaLinux 8 - Real Time Debuginfo	disabled

if you get an error (command not found), due to the software not being available, you can install it by using:

```
yum install yum-utils
```

This should install as shown below:

Last metadata expiration check: 1:01:22 ago on Tue 10 Oct 2023 06:26:57 PM UTC.
Dependencies resolved.

Package	Architecture	Size	Version
Installing:			
yum-utils	noarch		4.0.21-14.1.el8
alma-updates-8.7-2023.04.26		73 k	

Transaction Summary

```
=====
Install 1 Package

Total size: 73 k
Installed size: 23 k
Is this ok [y/N]: y
Downloading Packages:
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing      :
1/1
  Installing     : yum-utils-4.0.21-14.1.el8.noarch
1/1
  Running scriptlet: yum-utils-4.0.21-14.1.el8.noarch
1/1
  Verifying      : yum-utils-4.0.21-14.1.el8.noarch
1/1

Installed:
  yum-utils-4.0.21-14.1.el8.noarch

Complete!
```

Now the repositories can be enabled using the package manager yum, first test that yum-config-manager is working:

```
yum-config-manager --version
```

You should get a valid response similar to the following:

```
4.7.0
Installed: dnf-0:4.7.0-11.el8.alma.noarch at Tue 08 Aug 2023 12:43:43 PM GMT
Built      : AlmaLinux Packaging Team <packager@almalinux.org> at Wed 12 Oct 2022 09:46:34 AM GMT

Installed: rpm-0:4.14.3-24.el8_7.x86_64 at Tue 08 Aug 2023 12:42:46 PM GMT
Built      : AlmaLinux Packaging Team <packager@almalinux.org> at Wed 09 Nov 2022 03:50:55 PM GMT
```

Now repositories can be enabled, for our servers the following should be enabled:

```
yum-config-manager --enable appstream baseos extras
```

This will enable the following repositories:

repo id	repo name	status
appstream	AlmaLinux 8 - AppStream	enabled
baseos	AlmaLinux 8 - BaseOS	enabled
extras	AlmaLinux 8 - Extras	enabled

Now you can install software and other repos as required.

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