

Uninstalling xCAT2.X

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1.0 Removing xCAT2.X

1.1 Backup you xCAT database (if you want to keep it)

`dumpxCATdb -p <path to where to save the database>`

1.2 Stop xcatd and clean up network services

1.2.1 Stop xcatd

For Linux:

“service xcatd stop”

For AIX:

For xCAT release 2.4 or later use “stopsrc -s xcatd”.

For previous xCAT releases use “xcatstop”.

1.2.2 Clean up network services(Optional)

xCAT uses various network services on the management node and service nodes, the network services setup by xCAT may need to be cleaned up on the management node and service nodes before uninstalling xCAT.

- NFS: stop nfs service, unexport all the file systems exported by xCAT, and remove the xCAT file systems from /etc/exports.
- HTTP: stop http service, remove the xcat.conf in the http configuration directory.
- TFTP: stop tftp service, remove the tftp files created by xCAT in tftp directory.
- DHCP: stop dhcp service, remove the configuration made by xCAT in dhcp configuration files.
- DNS: stop the named service, remove the named entries created by xCAT from the named database.

1.3 Remove xCAT rpms

Run `rpm -qa | grep xCAT` and remove the rpms output as in the example:

- xCAT-nbkernel-x86_64-2.6.18_92-4.noarch
- xCAT-nbkernel-ppc64-2.6.18_92-4.noarch
- xCAT-nbroot-oss-x86_64-2.0-snap200801291344.noarch
- xCAT-web-2.2-snap200904011710.noarch
- xCAT-server-2.3-snap200907061256.noarch
- xCAT-rmc-2.3-snap200905291339.noarch
- xCAT-2.3-snap200907061256.x86_64
- xCAT-nbroot-core-ppc64-2.3-snap200907061256.noarch
- xCAT-nbkernel-x86-2.6.18_92-4.noarch
- xCAT-nbroot-oss-x86-2.0-snap200804021050.noarch
- xCAT-nbroot-oss-ppc64-2.0-snap200801291320.noarch
- xCAT-client-2.3-snap200907061256.noarch
- perl-xCAT-2.3-snap200907061256.noarch
- xCAT-nbroot-core-x86-2.3-snap200907061256.noarch
- xCAT-nbroot-core-x86_64-2.2-snap200904010841.noarch

1.4 Remove OSS prerequisites installed for xCAT(Optional)

- rpm -e fping-2.2b1-1
- rpm -e perl-Digest-MD5-2.36-1
- rpm -e perl-Net_SSLeay.pm-1.30-1
- rpm -e perl-IO-Socket-SSL-1.06-1
- rpm -e perl-IO-Stty-.02-1
- rpm -e perl-IO-Tty-1.07-1
- rpm -e perl-Expect-1.21-1
- rpm -e conserver-8.1.16-2
- rpm -e expect-5.42.1-3
- rpm -e tk-8.4.7-3
- rpm -e tcl-8.4.7-3
- rpm -e perl-DBD-SQLite-1.13-1
- rpm -e perl-DBI-1.55-1

1.5 Remove root ssh keys(Optional)

- `rm -rf $ROOTHOME/.ssh`

1.6 Remove xCAT credentials

- `rm -rf $ROOTHOME/.xcat`

1.7 Remove xCAT data directories

For Linux:

- `rm -rf /install` (for AIX this include the nim directory with images which you may not want to remove)

For AIX or Linux:

- `rm -rf /tftpboot/xcat*`
- `rm -rf /tftpboot/etc`
- `rm -rf /etc/xcat`
- `rm -rf /etc/sysconfig/xcat` (may not exist)
- `rm /mnt/xcat`

1.8 Remove xCAT install Directories

- `rm -rf $ROOTHOME/xcat2`

1.9 Remove Extraneous files

- `/tmp/genimage*`
- `/tmp/patchimage*`
- `/tmp/mknb*`
- `/etc/yum.repos.d/*`

1.10 Clean up system files that were updated by xCAT (optional)

There are multiple system configuration files that may have been updated while using xCAT to manage your cluster. In most cases you can determine what files have been updated by understanding the function of the commands that you run or by reading the xCAT documentation. There is no automated way to know what files should be cleaned up or removed. You will have to determine on a case by case basis whether or not a particular file should be updated to remove any leftover entries.

For example, on AIX management nodes the `/etc/profile` and `/etc/environment` files are automatically updated by xCAT when it was installed. They include updates to the `PATH` (for xCAT and possibly MySQL) and `PERL5LIB` environment variables. It is not likely that these additions would cause a problem if they were left in the files but you can remove them if desired.

1.11 Remove Postgresql Database

- `su - postgres`

- `dropdb -h 11.16.0.1 -i -e --username xcatadmin xcatdb`
- Database "xcatdb" will be permanently removed.
- Are you sure? (y/n) y
- Password:
- `DROP DATABASE xcatdb;`
- `DROP DATABASE`
- `service postgresql stop`

1.12 Remove MySQL Database

See [MySQL documentation](#) for removing the database.