

# Patching NMIS with 8.3.15G Update

NMIS 8.3.15G is being released for general availability, This release provides many bug fixes and a few new features.

## Install CPAN Modules

NMIS8 now requires Net::Syslog, see the [8.3.9G patch](#) for info on SMTP::SSL

```
cpan
install Net::SMTP::SSL # (required for 8.3.9G)
install Net::Syslog
```

## Patch NMIS8 code with the NMIS8.3.15G update

```
#Backup current NMIS code and config including models
DATE=`date "+%Y-%m-%d-%H%M" `
cd /usr/local/nmis8
tar cvf ~/nmis8-backup-`DATE`.tar ./admin ./bin ./cgi-bin ./conf ./install ./lib ./menu ./mibs ./models

#Make sure NMIS is working before you patch it.
/usr/local/nmis8/bin/nmis.pl type=collect debug=true node=<node to test>

#Get CP working right. (no prompts)
unalias cp

#Unarchive the NMIS tarball
cd ~
mkdir patch
cd patch
tar xvf ../nmis-8.3.15g.tar.gz

# Patch the Code Base
cp nmis8/admin/* /usr/local/nmis8/admin
cp nmis8/bin/* /usr/local/nmis8/bin
cp nmis8/cgi-bin/* /usr/local/nmis8/cgi-bin
cp -r nmis8/install/* /usr/local/nmis8/install
cp -r nmis8/lib/* /usr/local/nmis8/lib
cp -r nmis8/menu/* /usr/local/nmis8/menu
cp nmis8/models-install/* /usr/local/nmis8/models
```

## Patch NMIS8 Config

Your NMIS installation may have settings that you have changed from the default installation. If you would like to keep these changes you will need to merge the additional fields that have been added into the stock configuration into your custom configuration. NMIS provides a tool called updateconfig.pl to help you do this:

```
# merge changes for new NMIS Config options.
/usr/local/nmis8/admin/updateconfig.pl /usr/local/nmis8/install/Config.nmis /usr/local/nmis8/conf/Config.nmis
/usr/local/nmis8/admin/updateconfig.pl /usr/local/nmis8/install/Access.nmis /usr/local/nmis8/conf/Access.nmis
```

Most of the config files will likely be the same as the install version, for these you can just copy the new versions

```
# copy newer configuration files (check that you don't have local changes to these files before running)
cp /usr/local/nmis8/install/Logs.nmis /usr/local/nmis8/conf
cp /usr/local/nmis8/install/Users.nmis /usr/local/nmis8/conf
cp /usr/local/nmis8/install/Services.nmis /usr/local/nmis8/conf
cp /usr/local/nmis8/install/License.nmis /usr/local/nmis8/conf
cp /usr/local/nmis8/install/Modules.nmis /usr/local/nmis8/conf
cp /usr/local/nmis8/install/Escalations.nmis /usr/local/nmis8/conf
cp /usr/local/nmis8/install/Portal.nmis /usr/local/nmis8/conf
cp /usr/local/nmis8/install/logrotate.conf /usr/local/nmis8/conf
cp /usr/local/nmis8/install/users.dat /usr/local/nmis8/conf
```

## Restart Daemons

```
/usr/local/nmis8/bin/fpingd.pl restart=true
```

## Clean up and test

```
# fix permissions
/usr/local/nmis8/admin/fixperms.pl
# test polling
/usr/local/nmis8/bin/nmis.pl type=collect debug=true node=<node to test>
```