

# Upgrading Avalon 4.x to Avalon 5.x

See [What's New in Avalon 5](#) for more details.

## Preparing for the Upgrade

Before doing anything to prepare for the upgrade, back up your Avalon 4.0 installation.

## Instructions

The following instructions will work for any Avalon 4.0 installation that used Puppet as its source. This includes the [portable VM Image Installation](#), the [Vagrant Virtual Machine Installation](#), and the [Manual Installation of Avalon Using Puppet](#).

Upgrading is fairly simple, and must be run as the root user from a bash prompt on the Avalon system. The process for this depends on which kind of installation you have.

Portable VM image:

- Open a terminal window from within the VM console, and type `su root` to become the root user. This will require the root password you provided the first time the system was booted.
- Vagrant virtual machine:  
From within the original installer directory (from step 4 of the [Vagrant Virtual Machine Image Installation Instructions](#)), type `vagrant ssh` to log in as the vagrant user, then type `sudo -i` to become the root user.
- Manual Puppet installed machine:  
Log in and become root as you did in steps 1 and 2 of the [Manual Installation of Avalon Using Puppet](#) instructions.

Once you have a root prompt, proceed with the upgrade as follows:

### Upgrade Avalon

```
# 1. Upgrade ruby version to 2.2.5
$ rvm install 2.2.5
$ rvm use 2.2.5
$ yum update

# 2. if starting from Portable VM image, download the installer package, unpack, and link it
$ wget http://www.avalonmediasystem.org/downloads/avalon-installer-flat.tar.gz -O flat.tar.gz
$ tar xzf flat.tar.gz
$ export INSTALL_DIR=`pwd`
$ ln -s $INSTALL_DIR/avalon-installer-flat/files /etc/puppet/avalon_files

# 3. ensure avalon_files directory has RPM-GPG-KEY-avalon and ffmpeg
$ ls /etc/puppet/avalon_files

# 4. navigate to the installer
$ cd avalon-installer-flat

# 5. remove the Avalon deploy tag
$ rm -f /var/www/avalon/bare-deploy
$ rm -rf /opt/staging/avalon/avalon-bare-deploy.tar.gz /opt/staging/avalon/avalon-bare-deploy

# 6. apply the puppet manifest
$ puppet apply --fileserversconfig=fileservers.conf --modulepath=modules \
    --hiera_config=hiera/hiera.yaml --templatedir=templates manifests/init.pp

# 7. reindex
$ su - avalon -c "cd /var/www/avalon/current; RAILS_ENV='production' bundle exec rake avalon:reindex"
```

## Restart Delayed Job

See details here: [Restart Delayed Job](#)

## Sample Content

If you didn't load the sample content before, [try it out](#) to test your avalon 5.0 upgrade.

