

# Plesk

## How to install Varnish on Plesk 11

This article is set to up as a how-to guide to easily install Varnish on CentOS Plesk 11. **Warning:** The steps listed here are by a 3rd party Plesk partner, or by code that has been installed on your own system.

### Installation

- **Important:** Make a backup of your mysql database and all of your records until you change the httpd's port from 80 to 8080 or a port of your choosing in Plesk's

```
sudo cp /usr/local/psa/admin/bin/httpd.conf /etc/httpd/conf/httpd.conf
```

- Change all of the "Listen 80" lines to the new port

```
vim /etc/httpd/conf/httpd.conf
```

- Install Varnish from the Atomic Linux repository is a 3rd party repository and is highly recommended to use as they try to maintain compatibility with

```
yum install -y http://www.atomicorp.com/installers/atomic | sh
```

- Edit /etc/yum.repos.d/atomic.repo and set enabled to 0, so that you can update

- Edit /etc/sysconfig/varnish and edit these lines:

```
VARNISH_STORAGE_PATH="/var/cache/varnish/${VARNISH_STORAGE_SIZE}"
```

- Change the listen port in the next line to match what you want Varnish to listen on. Instead of storing the cache on the local disk where it can be

### Removal

Removal is fairly simple and straight forward.

- First stop Varnish from listening on port 80 by editing /etc/sysconfig/varnish

```
VARNISH_LISTEN_PORT=80
```

TO

```
VARNISH_LISTEN_PORT=6080
```

- Change the port for httpd's back to 80

```
sudo cp /usr/local/psa/admin/bin/httpd.conf /etc/httpd/conf/httpd.conf
```

- Stop varnish, and restart apache

```
service varnish stop
```

## Configuration

~~Please refer to the official Varnish documentation for help on configuring Varnish. <https://www.varnish-cache.org/docs/>~~  
An extremely basic varnish config can contain this in /etc/varnish/default.vcl:

```
import std;
{
  backend default {
    .url = "http://192.168.1.4"; # Should be set to the IP your website is listen
  }
}
```

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