

# Using Varnish

eZ Publish 5 being built on top of Symfony 2, it uses standard HTTP cache headers. By default the Symfony 2 reverse proxy, written in PHP, is used to handle cache, but it can be easily replaced with any other reverse proxy like Varnish.

Use of Varnish is a requirement for use in Clustering setup, for overview of clustering feature see [Clustering](#).

**Version compatibility:** 5.4 / 2014.11 AND HIGHER

To use Varnish with 5.2 or 5.3, please see [Using Varnish with eZ Publish 5.2-5.3](#)

- Prerequisites
- Recommended VCL base files
- Configure eZ Publish
  - Update your Virtual Host
    - On apache:
    - On nginx:
  - Update YML configuration
- Previous versions

## Prerequisites

- A working Varnish 3 or Varnish 4 setup.

## Recommended VCL base files

For Varnish to work properly with eZ, you'll need to use one of the provided files as a basis:

- [eZ 5.4+ / 2014.09+ with Varnish 3](#)
- [eZ 5.4+ / 2014.09+ with Varnish 4](#)

**Note:** *Http cache management is done with the help of [FOSHttpCacheBundle](#). One may need to tweak their VCL further on according to [FOSHttpCache documentation](#) in order to use features supported by it.*

## Configure eZ Publish

### Update your Virtual Host

#### On apache:

##### my\_virtualhost.conf

```
<VirtualHost *:80>
    # Configure your VirtualHost with rewrite rules and stuff

    # Force front controller NOT to use built-in reverse proxy.
    SetEnv USE_HTTP_CACHE 0

    # Configure IP of your Varnish server to be trusted proxy
    # Replace fake IP address below by your Varnish IP address
    SetEnv TRUSTED_PROXIES "193.22.44.22"
</VirtualHost>
```

#### On nginx:

## mysite.com

```
fastcgi_param USE_HTTP_CACHE 0;
# Configure IP of your Varnish server to be trusted proxy
# Replace fake IP address below by your Varnish IP address
fastcgi_param TRUSTED_PROXIES "193.22.44.22";
```

## Update YML configuration

### ezpublish.yml

```
ezpublish:
  http_cache:
    # As of 5.4 only use "http"
    # "single_http" and "multiple_http" are deprecated but will still work.
    purge_type: http

  system:
    # Assuming that my_siteaccess_group your frontend AND backend siteaccesses
    my_siteaccess_group:
      http_cache:
        # Fill in your Varnish server(s) address(es).
        purge_servers: [http://my.varnish.server:6081]
```

## Previous versions

- [Using Varnish with eZ Publish 5.2-5.3](#)