

Fast Response Cache Accelerator Documentation

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Chapter 1. Fast Response Cache Accelerator

Improves performance for the HTTP Server by caching files.

When? When serving text and images. But only when a connection is not secure.

What isn't cached: dynamic pages, protected pages.

Where files are cached: in TCP/IP.

Chapter 2. Fast Response Cache Accelerator Overview

Files are cached in TCP/IP. So, they aren't served from HTTP Server when they are cached. The first time that a file is served, though, it is served from the HTTP server, not the cache in TCP/IP.

You don't have to list files to go in the cache. Files are automatically loaded into the cache.

What can't be added to the cache: Dynamically generated content, files containing meta-information, pages generated using Server Side Includes, objects served from proxy requests, objects served over an SSL connection, URLs specified on the `FRCANoCaching` directive.

Once a file is loaded into FRCA, it is accessible and doesn't require authentication. BUT You have to explicitly configure the HTTP Server to prevent files that require authentication from being loaded into the Cache Accelerator. You use the `FRCANoCaching` directive to do that.

Chapter 3. User Authentication Example for FRCA Configuration

1. The UserID directive for web site ABC is set to CLIENT
2. The Fast Response Cache Accelerator is enabled
3. The home page of web site ABC is eligible for caching
4. User JSMITH requests the home page of website ABC
5. JSMITH gets prompted for their user ID and password. The person provides it and JSMITH receives the home page of website ABC
6. FRCA places a copy of the home page into it's cache
7. Now another user, JDOE, requests the home page of web site ABC
8. JDOE receives the home page of web site ABC even though they weren't prompted for their user ID and password
9. To ensure that JDOE is prompted for a user ID and password, make sure that the home page is ineligible for caching.

You could, for example, define the home page of web site ABC on the FRCANoCaching directive

Chapter 4. Enabling and configuring Fast Response Cache Accelerator in the httpd.conf configuration file

1. Open the configuration file.
2. Set the `EnableFRCAdirective` to "on".
3. In the configuration file, specify the `FRCAXXXdirectives` that are described elsewhere.

Chapter 5. Enabling and configuring Fast Response Cache Accelerator with the Configuration and Administration Forms

1. Go to the front page of the HTTP Server.
2. Click Configuration and Administration Forms.
3. Click Fast Response Cache Accelerator.
4. Click Enable Fast Response Cache Accelerator.

This step turns dynamic caching on.

5. Configure the Fast Response Cache Accelerator by using the appropriate options
They have the same function as the directives in the httpd.conf file.
6. Tell the user to see the online help for info about each option.
7. Restart HTTP Server to use the new settings.

Chapter 6. Directives Used

First Directive

EnableFRCA:Used to enable dynamic caching using the Fast Response Cache Accelerator.

EnableFRCA On.

Initial configuration file setting: EnableFRCA Off

Default setting: EnableFRCA Off

Second Directive

FRCANoCaching:Use the directive to specify a set of URIs that is never to be cached by the Fast Response Cache Accelerator. Any URIs that aren't in this list are ones that are considered for caching. If the EnableFRCA directive is set to off, the HTTP server ignores this setting.

```
FRCANoCaching /usergroup/*.html
```

```
FRCANoCaching /Docs/*.pdf
```

Initial configuration file setting: It's not set.