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Category	Browsing	Subcategory	DRM

Keywords (APIs, classes, methods, functions):

Overview

Using a HTTP server, it is possible to host DRM protected content. Certain rules have to be followed before hosting a DRM protected file.

Description

Let us take as an example a publicly available HTTPD Apache server. Suppose a DRM protected file needs to be hosted on the server. When downloaded on a device, the file should be registered as a DRM file and forwarding of the file should be forbidden. After installing the Apache HTTPD server, there is a configuration file called `httpd.conf` in the directory `<Apache_Path>\conf`. This file needs to be edited in the `<Directory>` section where the root directory of the document is mentioned. Within the body, an option called `Addtype` needs to be used to indicate that all **.dm** file extensions have the MIME type `application/vnd.oma.drm.message`.

```
<Directory "<Apache_Path>\docs_root">
  #Other settings
  .
  .
  # "AddType" option is shown below for receiving .dm files with DRM mime type
  AddType application/vnd.oma.drm.message dm
</Directory>
```

The above configuration script ensures that any **.dm** file placed in the `docs_root` directory of the server, when downloaded, comes with the correct MIME type of `application/vnd.oma.drm.message` instead of a plain text MIME type (`text\plain`).

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Note that if this piece of script is not added to the configuration, the **.dm** files are downloaded on the device as plain text files.

Once the DRM file is downloaded, the content present in the file is extracted and forward-locked.