

Md5

Contents

- [1 Overview](#)
- [2 Prerequisites](#)
- [3 Md5 Guide](#)
 - ◆ [3.1 Check the md5](#)
- [4 Testing](#)
- [5 Known Issues](#)
- [6 Troubleshooting](#)

Overview

Md5 is a method of computing a unique digital fingerprint of a file. If that file is altered or incomplete then it will have a different digital fingerprint, this digital fingerprint is called a md5 hash. It is used to verify that files have:

- Been downloaded completely;
- Have not been tampered with.

When a file is downloaded, an additional file with the extension **.md5** may be supplied.

RADIUS authentication may also use the md5 hash for CHAP authentication

Prerequisites

- Downloaded file
- File with extension **.md5**, which contains the md5 sum of the downloaded file
- md5 tool such as *md5sum*. For various types of OS see [\[1\]](#)

Md5 Guide

Check the md5

For Example using the Unix command *md5sum*

```
md5sum filename
```

If the md5 hash and the value in the supplied .md5 file do not match then the file should be discarded.

Testing

Known Issues

Troubleshooting