

# How To Clear Your DNS Cache

## Overview

### How to clear your DNS cache

Windows® 8

Windows® 7

Windows XP®, 2000, or Vista®

MacOS® 10.10.4 and above

MacOS 10.10.1, 10.10.2, and 10.10.3

MacOS 10.7, 10.8, and 10.9

MacOS 10.5 and 10.6

[Additional documentation](#)

## Overview

Your DNS cache stores the locations (IP addresses) of web servers that contain web pages which you have recently viewed. If the location of the web server changes before the entry in your DNS cache updates, you can no longer access the site.

If you encounter a large number of [HTML 404 error codes](#), you may need to clear your DNS cache. After you clear your DNS cache, your computer will query nameservers for the new DNS information.

## How to clear your DNS cache

The following methods allow you to remove old and inaccurate DNS information that may result in 404 errors.

### Windows® 8

To clear your DNS cache if you use Windows 8, perform the following steps:

1. On your keyboard, press **Win+X** to open the *WinX Menu*.
2. Right-click *Command Prompt* and select *Run as Administrator*.
3. Run the following command:

```
ipconfig /flushdns
```

If the command succeeds, the system returns the following message:

```
Windows IP configuration successfully flushed the DNS Resolver Cache.
```

### Windows® 7

To clear your DNS cache if you use Windows 7, perform the following steps:

1. Click *Start*.
2. Enter `cmd` in the *Start* menu search text box.
3. Right-click *Command Prompt* and select *Run as Administrator*.
4. Run the following command:

```
ipconfig /flushdns
```

If the command succeeds, the system returns the following message:

```
Windows IP configuration successfully flushed the DNS Resolver Cache.
```

## Windows XP®, 2000, or Vista®

To clear your DNS cache if you use Windows XP, 2000, or Vista, perform the following steps:

1. Click *Start*.
2. On the *Start* menu, click *Run...*
  - If you do not see the *Run* command in Vista, enter *run* in the *Search* bar.
3. Run the following command in the *Run* text box:

```
ipconfig /flushdns
```

If the command succeeds, the system returns the following message:

```
Successfully flushed the DNS Resolver Cache.
```

## MacOS® 10.10.4 and above

To clear your DNS cache if you use MacOS X version 10.10.4 or above, perform the following steps:

1. Click *Applications*.
2. Click *Utilities*.
3. Click *Terminal*.
4. Run the following command:

```
sudo killall -HUP mDNSResponder
```

If the command succeeds, the system does **not** return any output.

**Warning:**

To run this command, you **must** know the computer's administrator account password.

## MacOS 10.10.1, 10.10.2, and 10.10.3

To clear your DNS cache if you use MacOS X version 10.10 through 10.10.3, perform the following steps:

1. Click *Applications*.
2. Click *Utilities*.
3. Click *Terminal*.
4. Run the following command:

```
sudo discoveryutil mdnsflushcache
```

If the command succeeds, the system does **not** return any output.

**Warning:**

To run this command, you **must** know the computer's administrator account password.

## MacOS 10.7, 10.8, and 10.9

To clear your DNS cache if you use MacOS X version 10.7, 10.8, or 10.9, perform the following steps:

1. Click *Applications*.
2. Click *Utilities*.
3. Double-click *Terminal*.
4. Run the following command:

```
sudo killall -HUP mDNSResponder
```

If the command succeeds, the system does **not** return any output.

**Warning:**

To run this command, you **must** know the computer's administrator account password.

## MacOS 10.5 and 10.6

To clear your DNS cache if you use MacOS X version 10.5 or 10.6, perform the following steps:

1. Click *Applications*.
2. Click *Utilities*.
3. Double-click *Terminal*.
4. Run the following command:

```
sudo dscacheutil -flushcache
```

If the command succeeds, the system does **not** return any output.

**Warning:**

To run this command, you **must** know the computer's administrator account password.

## Additional documentation

Suggested documentation [For cPanel users](#) [For WHM users](#) [For developers](#)

- [How To Clear Your DNS Cache](#)
- [How To Clear Your DNS Cache](#)
- [Server Profiles Roadmap](#)
- [How to Use MyDNS-NG](#)
- [How to Set Up Nameservers in a cPanel Environment](#)
- [How to Modify Your Hosts File](#)
- [How to Rotate a DNSSEC Key](#)
- [WHM API 1 Functions - addzonerecord](#)
- [WHM API 1 Functions - editzonerecord](#)
- [UAPI Functions - DNS::has\\_local\\_authority](#)
- [UAPI Functions - DCV::check\\_domains\\_via\\_http](#)
- [WHM API 1 Functions - has\\_local\\_authority](#)

