Get a fast website!

A fast website allows you to increase your sales and achieve better customer satisfaction. In order to obtain the best possible results, we offer you the possibility of hosting your data on our servers or with our various partners on a high performance configuration.

Using multiple strategies can increase website availability and performance. For example :

* Implementation of a cache system
* Source code inspection and correction
* Reconfiguration of server software
* 24/7 monitoring
* Using Content Delivery Network (CDN)

## Why choose us?

### [**We are here to help you**](https://www.webo3.com/en/docs)

With documentation and quality tutorials to help you in your tasks.

### [**We are the specialists**](https://www.webo3.com/en/services)

We know the different web platforms and are able to help your deployments.

### [**Free tools**](https://www.webo3.com/en/tools)

We have developed free tools to help you with different tasks.

## Why is speed important?

The speed of a website will guarantee its success. No one likes to wait and search engines prioritize sites fast.

If your website takes more than 2 seconds to load, your visitors may abandon your site and will have an impact on SEO.

## Why is my site slow?

A website can be slow for several reasons: its server or web hosting configuration, number and size of media loaded, programming, etc.

Your website can follow most of the recommendations and still be slow. Only a complete diagnosis can identify the causes and correct the problems.

## How do I deal with performance issues?

### **Choice and configuration of web hosting**

Choosing a good hosting system can dramatically improve the speed of a website. Using a private system, or even multiple servers, can increase the number of people who can simultaneously connect to your site or web application.

### **Media optimization**

Using a well formatted media as needed will save precious seconds when loading a website. For example, a banner of 12MB can take a long time to load over a cellular connection.

### **Implementation of caching**

Most CMS system dynamically generates pages when they are invoked. The system will then load features and often do dozens of requests to the database in order to return the same page. The use of caching system makes it possible to avoid the re-execution of a code.

### **Use of a content distribution network**

Using a CDN will reduce the transfer distance between the hosting server and the visitor, which helps reduce latency.

### **Distributing the load across multiple servers**

Load balancing allows visitors who visit your website to be distributed over several servers.

### **Source code optimization**

Optimizing a dynamic website often goes through several rounds of trial and error depending on the objectives to be achieved. Some parts of the site or app may be more problematic than others.

## Optimization example

Here's an example we documented for optimizing a standard WordPress website:

## Can you migrate my website?

Yes! We regularly migrate websites from one hosting provider to another. Our experts are able to do the migration, regardless of the size of the website.

## How can you help us?

Migrating a website requires planning to keep migration time to a minimum. Domain management (NS), DNS management, website forwarding, email forwarding are all things our experts are able to do.

## What does a migration consist of?

### **DNS preparation**

DNS is responsible for pointing your domain to the IP address of a defined server. The DNS protocol uses a cache time (TTL) for each entry. At this stage, we decrease the cache time. When we are ready to change the record then the propagation will be much faster.

### **Create a backup**

A backup of your web hosting is made. Databases, emails, source code, etc.

### **Restore on the new host**

We restore the backup on the new host and ensure that the backup is functional.

### **Synchronization**

If it is possible and depending on the need, we set up a data synchronization system between the two servers to avoid the loss of important data.

### **DNS modification**

We finally proceed to the modification of the DNS records necessary for your domain to point to the new hosting server.

## Why do the updates?

WordPress is an open source platform and is often exploited by hackers.

The update will allow you to keep your website safely online.

A hacked website can affect your email delivery, as well as your reputation.

## How to make the updates?

Before making an update, a backup should be made to quickly go back in case of a problem. Updates are usually done from your WordPress backend.

Entrust the execution of updates to your servers regularly to the webO3 team.