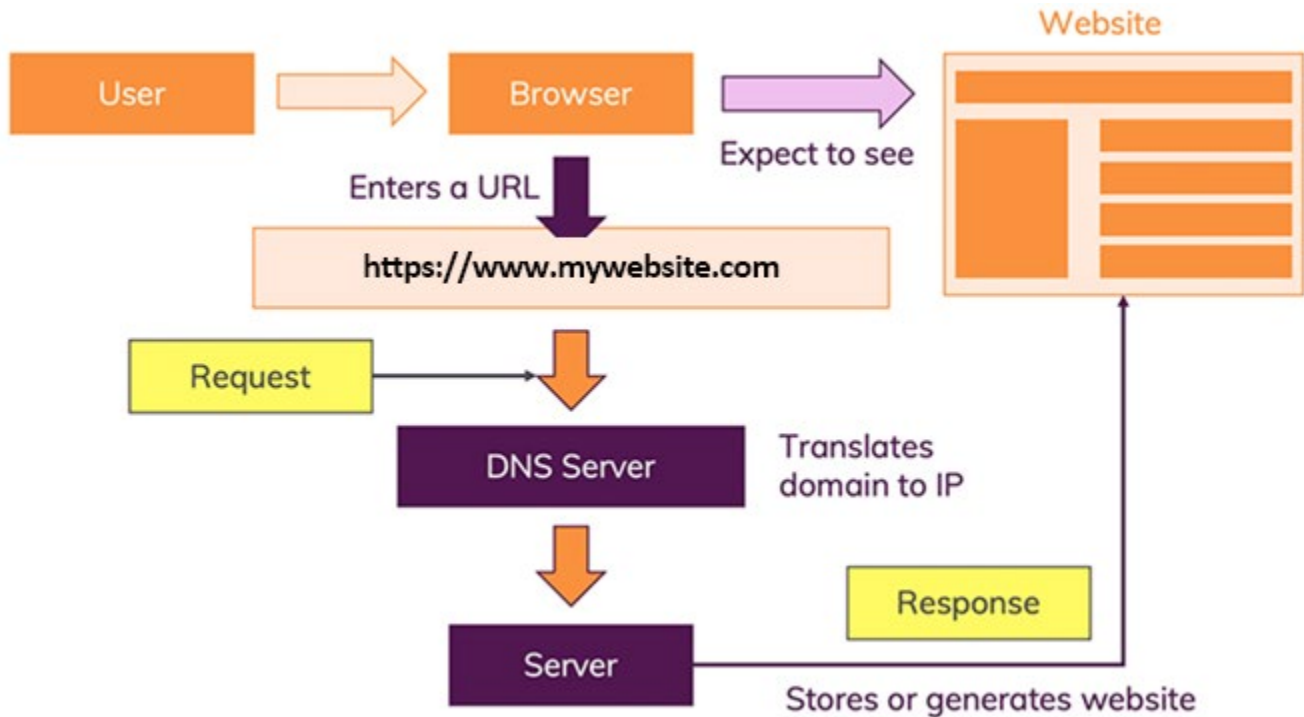


## HOW A WEBSITE WORKS ON THE INTERNET...



### SUMMARY:

*WEBSITE - a collection of online pages that you can view by using the internet and web service on a computer or smartphone.*

*DOMAIN - is the address which allows a visitor to easily find your website online.*

*HOSTING display websites on the internet, it's where the website files are stored.*

*In order to have a functioning website, you need both – a domain and hosting space.*

*While closely related, web hosting and domain hosting are two different services. Web hosts store content, like a website, on internet servers. Domain hosts provide domain names, which are the addresses that help visitors access website content.*

## Web Hosting

A web host provides the space where you display your site's content, like text, images, and videos. A web host doesn't necessarily provide the address visitors use to reach your site, like [www.yourdomain.com](http://www.yourdomain.com). Hosting provides a place on the internet to display your content. Every website is stored on our servers, similar to how physical stores rent space in a shopping mall or how cell phones purchase a cellular plan to access the cellular network. Hosting also involves maintaining files and providing fast internet connections.

If we use a house as an analogy:

- the domain name would be like the house address
- the hosting would be like the land on which the house is built
- the website would be like the house itself

If we use a cell phone as an analogy:

- the domain name would be like the cell phone number
- the hosting would be like the cell phone plan whereas you pay to access the internet allowing people to see and interact with your website
- the website would be like the cell phone itself

If you run a website or do business on the web, having reliable hosting is an absolute Must. BellStar MEDIA provides super reliable cloud-based hosting for all of the sites built with our software platform.

## Domain Hosting

A domain host provides a domain name, like [www.yourdomain.com](http://www.yourdomain.com), that visitors can use to find you. A domain name is like a street address that directs people to your website's location, but it's not the content that visitors see when they visit your site.

Domain hosts store domain names and facilitate their registration. If you're using a domain registered through a third-party provider, like GoDaddy, they're your domain host, and you'll manage your domain through them.

**DNS** - Short for "Domain Name System," this helps translate domain names into machine readable IP addresses so that browsers can load Internet resources. The resource records contained in the DNS are what associate website domain names with the servers and other information they're intended to display. In order to point a website live, you will need to access DNS settings for the domain name.

**Domain name** - This is the address or URL of a particular website. For example, [www.Google.com](http://www.Google.com) is the domain name for the Google search engine. The domain name is the text name that covers up the numeric IP address of a computer that is connected to the Internet. Domain names make the World Wide Web more user friendly. Instead of having to remember a string of numbers, we can remember the name of the website. Website domain names are registered to prevent people from using the same name for their website. There are several different companies that allow you to register a domain name.

## Website

In simple terms, a website is a collection of web pages. The '**web pages**' are online pages that you can view by using the internet and web service on a computer or smartphone. As the name implies, a **website** refers to a '**site**' on the '**web**' where you can put certain information. It can be about yourself, your business, or any other topic and users can access it by using the internet. Just like a physical '**site**' on **land** where you make a **house** and live, you make a **website** on the **web** and your **information** lives on it. And, just like the **address of your house**, your website also will have a unique address called '**web address**'. With the web address, internet users can easily find your site and access its information.

## Internet

It's the technology or infrastructure that connects computers worldwide and lets sharing information.

## World Wide Web (or Web)

It's the system that enables sharing of information using the internet.

## WWW

These three W's are short for World Wide Web. The World Wide Web is a global information space, and is also called The Web. Text documents, images, multimedia and other types of resources are identified with URLs so that each can be found in a simple way. The World Wide Web is actually the system by which information on the Internet is categorized and not the Internet itself.