**Apache Vs Nginx**

**Apache Drawbacks (Currently you are using)**:

Slows down under heavy load

Refuses new connections when traffic reaches the limit

Creates new process for each request

Apache’s nature of creating new process for each request increases the memory consumption

Apache initial release was in 1995

**Nginx Advantages (We Suggest you to use this to get Best Performance)**:

Increases Scalability

Can handle 10,000 concurrent connections

Doesn’t create a new process for a new request so memory consumption is very low.

Nginx is an open source web server written to address some of the performance and scalability issues associated with Apache

Several benchmarking results indicates that when compared to Apache, Nginx is extremely fast

Nginx comes only with core features that are required for a web server, it is lightweight when compared to Apache.

Nginx development started only in 2002.

**Shared Hosting Vs Dedicated Hosting**

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| --- | --- |
| Shared Hosting  (Currently you are using) | Dedicated Hosting  (We Suggest you to use this) |
| On shared hosting along with your website other sites will also be hosted on the server which slows down the performance | Your website is the only site hosted on the server so the performance will not be affected |
| The amount of disk space and bandwidth you are allotted is limited and is shared with others | Bandwidth and disk space are dedicated to you only so there is no sharing and no limitations |
| Server resources are shared among several users, so operating costs are divided up among the users making it cheaper | Dedicated server is dedicated solely to one user, it costs more |
| In a shared server, there is more of a risk of being blacklisted by search engines because someone else on the server engaging in such practices as spamming may get the entire IP address blacklisted. | In Dedicated server, you will not get blacklisted unless you engage in unethical internet practices |
| On shared hosting, with other sharing the same resources, a lot of traffic can be generated. | This does not happen on a dedicated server because you are not sharing resources. |
| In a shared server, the control over the sever will be very less as it will be shared by others. | A dedicated server offers more control over the server as they can add their preferred programs, applications, and scripts.  You will have improved flexibility and security which is very beneficial. |