PHP Configuration –

**1-How will you increase the file upload size limit on server?**

***PHP file upload size is set to maximum 2MB file on the server, but we can increase or decrease the maximum size of file upload using the PHP configuration file (php.ini), this file can be found in different locations on different Linux distributions.***

***# vim /etc/php/7.0/apache2/php.ini [On Debian/Ubuntu***

*2-What is server variable and CRON?*

***Server Variables provide information about the server, the connection with the client, and the current request on the connection. Additionally, inbound URL rewrite rules can be used to set custom server variables. ... All HTTP headers sent by the client in raw form.***

***<?php  
echo $\_SERVER['PHP\_SELF'];  
echo "<br>";  
echo $\_SERVER['SERVER\_NAME'];  
echo "<br>";  
echo $\_SERVER['HTTP\_HOST'];  
echo "<br>";  
echo $\_SERVER['HTTP\_REFERER'];  
echo "<br>";  
echo $\_SERVER['HTTP\_USER\_AGENT'];  
echo "<br>";  
echo $\_SERVER['SCRIPT\_NAME'];***

***?>***

***Cron- The App Engine Cron Service allows you to configure regularly scheduled tasks that operate at defined times or regular intervals. These tasks are commonly known as cron jobs. These cron jobs are automatically triggered by the App Engine Cron Service.Try it Yourself »***

*3- Write a function to show the IP address of website visitor.*

***Many times we need to get the IP address of the visitor for different purposes. It is very easy to collect the IP address in PHP. PHP provides PHP $\_SERVER variable to get the user IP address easily. We can track the activities of the visitor on the website for the security purpose, or we can know that who uses my website and many more.***

***The simplest way to collect the visitor IP address in PHP is the REMOTE\_ADDR. Pass the 'REMOTE\_ADDR' in PHP $\_SERVER variable. It will return the IP address of the visitor who is currently viewing the webpage.***

***For example***

***<?php***

***echo 'User IP Address - '.$\_SERVER['REMOTE\_ADDR'];***

***?>***

4- What is PHPINFO?

***Outputs a large amount of information about the current state of PHP. This includes information about PHP compilation options and extensions, the PHP version, server information and environment (if compiled as a module), the PHP environment, OS version information, paths, master and local values of configuration options, HTTP headers, and the PHP License.***

***Because every system is setup differently, phpinfo() is commonly used to check setting and for available variables  on a given system.***

***phpinfo() is also a valuable debugging tool as it contains all EGPCS (Environment, GET, POST, Cookie, Server) data.***

5- How to use .htaccess & advantage? (301 redirect, rewrite rule, redirect http: to www.)

***.htaccess file is a short name of Hypertext Access. It is a configuration file, used mostly by***[***Apache - web servers***](https://www.wpbeginner.com/glossary/apache/)***that control the directory. If you are using Content Management Systems with such as Drupal, WordPress, and Joomla you can easily encounter .htaccess file. These kind of files are able to make the edit within it to add rules, which is supported by several web servers. In this article, we are going to emphasize what is .htaccess file and how to use it.***

***In simple words, .htaccess is a file which is will be executed before every request on your domain/webserver.***

***Generally, these files are located at the root of your domain. We can use .htaccess files for various type of restriction and to use various apache settings without changing the main php.ini.file***

***Advantages of using .htaccess file***

1. ***Mod\_Rewrite***
2. ***Authentication***
3. ***Custom Error Pages***
4. ***Mime Types***
5. ***SSI (Server Side Includes)***
6. ***Redirects***
7. ***Restricting users based on IP***
8. ***Leveraging Browser Caching***
9. ***Enabling CORS***
10. ***Hotlink Protection***

***In simple terms, a 301 redirect tells the browser: “This page has moved permanently.***