



Document No	:	02.07.05	WALKTHROUGH PROCEDURE
Effective Date	:	04/18/2025	
Revision Status	:	Rev-1	Create New Apache Virtual Host
Department : IT			

### 1. PURPOSE :

This document explains how to create a new virtual host on a mini pc to locally host a PHP stack.

### 2. SCOPE :

This document outlines the step by step on creating new virtual host on purpose to locally host another web page for further use.

### 3. PROCEDURE DETAILS :

No.	ACTIVITY	Person In Charge
1	Open the terminal with root access, you might need to use remote ssh	IT
2	Edit the virtual host file of apache2 using this command <code>sudo nano /etc/apache2/sites-available/000-default.conf</code>	IT
3	Create new line and insert your new virtual host configuration, example:  <VirtualHost *: {PORT_NO}> ServerAdmin webmaster@localhost DocumentRoot /var/www/html/{project_dir}  <Directory /var/www/html/{project_dir}> AllowOverride All Require all granted </Directory>  ErrorLog \${APACHE_LOG_DIR}/error.log CustomLog \${APACHE_LOG_DIR}/access.log combined </VirtualHost>	IT



4	<p>Make sure apache2 listens to the new port</p> <pre>sudo nano /etc/apache2/ports.conf</pre> <p>Add the new port</p>	IT
5	<p>( For CodeIgniter, make sure permission of write is applied for the writable/ directory )</p> <pre>sudo chown -R www-data:www-data /path/to/project/folder/writable</pre> <pre>sudo chmod -R 775 /path/to/project/folder/writable</pre>	IT <sup>1</sup>
6	<p>Restart apache2 service</p> <pre>sudo systemctl restart apache2</pre>	IT

---

<sup>1</sup> 02.07.05-Rev1