

# Apache Virtual Host Setup – KT Document

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## 1. Upload Config Files

All Apache virtual host config files should be uploaded to the following directory:

```
/etc/apache2/sites-available
```

Before making any changes, it is strongly recommended to download and back up the existing config file for reference or rollback.

## 2. Validate Configuration

After modifying or uploading a new configuration file, check for syntax errors using:

```
sudo apache2ctl configtest
```

If there are no errors, you will see:

```
Syntax OK
```

If there are issues, the command will return a line number and reason. Fix accordingly before proceeding.

## 3. Enable the Domain

To enable a domain (virtual host), run:

```
sudo a2ensite <your-config-file>.conf
```

Example:

```
sudo a2ensite xxxx.dev01wp.milestoneinternet.info.conf
```

This creates a symlink in `/etc/apache2/sites-enabled/`, making the config active.

## 4. Restart Apache

After enabling the site, apply the changes by reloading Apache:

```
sudo systemctl reload apache2
```

This reloads the configuration without fully restarting the server, preventing downtime.

## Notes

- Each domain should have its own unique configuration file with a proper ServerName and DocumentRoot.
- Ensure SSL is configured properly if using HTTPS.