

Partiel Architecture Web

Commands and results

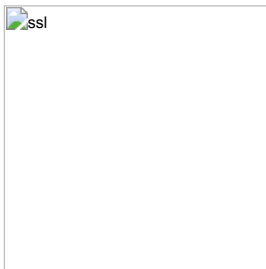
Certificat SSL

- Générer le certificat auto-signé

```
sudo openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyout /etc/ssl/private/monsite.local.key -out /etc/ssl/certs/monsite.local.crt
```

- Activer le module SSL

```
sudo a2enmod ssl
sudo a2ensite default-ssl
```



VirtualHost et Redirections

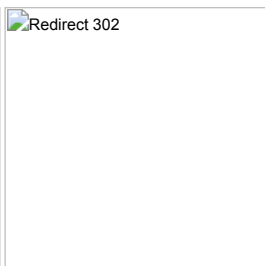
- Dans le fichier de configuration (etc/apache2/sites-avaiaibles/monsite.local.conf)

```
<VirtualHost *:80>
    ServerName monsite.local
    Redirect permanent / https://monsite.local/
</VirtualHost>

<VirtualHost *:443>
    ServerName monsite.local
    SSLEngine on
    SSLCertificateFile /etc/ssl/certs/monsite.local.crt
    SSLCertificateKeyFile /etc/ssl/private/monsite.local.key
</VirtualHost>
```

- Redirection 301 et 302 (Dans le VirtualHost 443)

```
RedirectMatch 301 ^/cours/(.*)$ /formations/$1
Redirect 302 /contact /nous-contacter
```



- Activer le site (Dans le VirtualHost 443)

```
sudo a2ensite monsite.local.conf  
sudo systemctl reload apache2
```

Logs

- Logs séparés (Dans le VirtualHost 443)

```
ErrorLog ${APACHE_LOG_DIR}/monsite.local-error.log  
CustomLog ${APACHE_LOG_DIR}/monsite.local-access.log combined
```

 Logs

Page 404

- Page 404 custom (Toujours dans le VirtualHost 443)

```
ErrorDocument 404 /404.html
```



curl 404