

## Instalar certificado para webauth del portal cautivo en controlador wifi Cisco WLC

-Asignar **DNS Host Name** a la interfaz virtual del controlador.

```
Controller>Interfaces>virtual
```

Para que funcione hay que reiniciar el controlador.

-Generar mediante openssl 0.9.8 el CSR y solicitar el certificado con el mismo **DNS Host Name** que le asignamos a la interfaz virtual.

-Preparar el certificado para poder cargarlo en el controlador.

```
cat 10869893.crt TERENASSLCA.crt UTNAddTrustServer_CA.crt  
AddTrustExternalCARoot.crt > completo.pem
```

```
openssl pkcs12 -export -in completo.pem -inkey controlador.key -out CA.p12 -clcerts  
-passin pass:password -passout pass:password
```

```
openssl pkcs12 -in CA.p12 -out controlador-final.pem -passin pass:password -passout  
pass:password
```

-Subir el controlador-final.pem a algun tftp.

-En el WLC, Security>Web Auth>Certificate, marcar Download SSL Certificate, rellenar los datos y pulsar Apply

Security > Web Authentication Certificate

Current Certificate

Name:	bnrSslWebauthCert
Type:	Locally Generated
Serial Number:	3289659457
Valid:	From 2009 Dec 16th, 00:00:01 GMT Until 2019 Dec 16th, 00:00:01 GMT
Subject Name:	C=US, O=Cisco Systems Inc., OU=DeviceSSL (WebAuth), CN=1.1.1.1
Issuer Name:	C=US, O=Cisco Systems Inc., OU=DeviceSSL (WebAuth), CN=1.1.1.1
MDS Fingerprint:	4e:f6:36:a4:c0:8b:27:f7:fe:14:55:33:58:a8:f5:74
SHA1 Fingerprint:	b9:0e:47:6f:83:75:79:9f:90:75:9c:a5:88:cc:38:27:85:58:92:7b

Download SSL Certificate \*  
\* Controller must be rebooted for the new certificate to take effect.

Download SSL Certificate From Server

Server IP Address	<input type="text" value="ip:ftp"/>
Maximum retries	<input type="text" value="10"/>
Timeout (seconds)	<input type="text" value="6"/>
Certificate File Path	<input type="text" value="/"/>
Certificate File Name	<input type="text" value="controlador-final.pem"/>
Certificate Password	<input type="password" value="*****"/>

-Tras subirlo aparecerán en la parte superior los datos del nuevo certificado y habrá que reiniciar el controlador para que funcione.

Security > Web Authentication Certificate

Current Certificate

Name:	bnrSslWebauthCert
Type:	3rd Party
Serial Number:	24691188359130947714137074266187747623
Valid:	From 2011 Oct 19th, 00:00:00 GMT Until 2014 Oct 18th, 23:59:59 GMT
Subject Name:	C=ES, O=Universidad de Malaga, CN=wlocrc1.ruma.uma.es
Issuer Name:	C=NL, O=TERENA, CN=TERENA SSL CA
MDS Fingerprint:	fa:c8:9d:85:b8:a7:a5:1e:ab:9e:5e:fa:b7:92:1b:d9
SHA1 Fingerprint:	b6:70:0a:79:72:c0:e5:a8:1b:81:27:12:78:92:67:cf:ec:b8:25:19

Download SSL Certificate \*  
\* Controller must be rebooted for the new certificate to take effect.

**File transfer operation completed successfully.**  
For Certificates to take effect and SSL to work, you need to reboot system. [Click Here](#) to get redirected to reboot page.