

# How to create SSL Certificate


**Mandatory: Certificate should have key length value set to 1024**

1. To capture traffic passing through **https**, create SSL certificate on the firewall, by filling the appropriate details.

The screenshot shows the 'Add CA Certificate' form in the GajShield SecureGate v5 interface. The form fields are as follows:

Field	Value
Certificate Name	
Valid Upto	3/18/2011
Key Length	512
Password	
Confirm Password	
Local ID	X.509 DN
Country Name	India
State	
Locality Name	
Organization Name	
Organization Unit Name	
Common Name	
Email Address	


An 'Add' button is located at the bottom of the form.

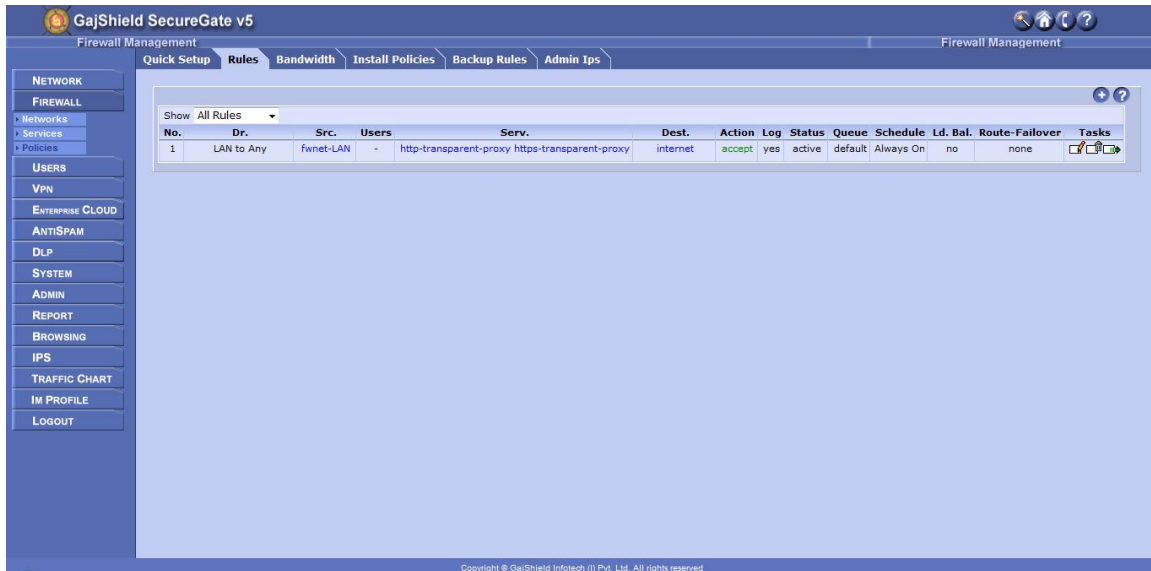
2. Once the certificate is created, download the certificate by click on  & import into your browser. (Refer Certificate import Guide)
3. After creating SSL Certificate on the firewall, enable https scanning by selecting the **Https port** check box.

The screenshot shows the 'Browsing Setup' form in the GajShield SecureGate v5 interface. The form fields are as follows:

Field	Value
Enter Proxy Port	8080
URL Blocker Instance	10
Enforce Strict Search on	
Virus Scanning	<input checked="" type="checkbox"/>
Enable Https	<input checked="" type="checkbox"/>
GajShield userSense Login Timeout Setup	5 mins.
Download Default Policy	Default Allow
Select Proxy Authentication Scheme	User (Login/Password) Authentication
Local	<input checked="" type="radio"/>
Radius	<input type="radio"/>
TACACS+	<input type="radio"/>
LDAP	<input type="radio"/>
NTLM	<input type="radio"/>
No User Authentication	<input type="radio"/>
Transparent Mode	<input type="radio"/>
GajShield userSense	<input checked="" type="radio"/>
Local	<input type="radio"/>
Radius	<input type="radio"/>
TACACS+	<input type="radio"/>
LDAP	<input type="radio"/>
NTLM	<input type="radio"/>

An 'Setup' button is located at the bottom of the form.

4. Click on the Setup button.
5. Go to Start Proxy Tab next to Browsing Options & click on  (Restart Proxy Button).
6. Create http & https transparent proxy rule on the firewall, as show below. For monitor traffic going through http & https protocol.



For further assistance please Contact GajShield Support on +91 22 66607450

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