

Vaultransferclient running, but nothing transferred.  
Normally it's because of a sonicwall with DPI-SSL setup,  
and below are the steps to fix!.

## DPI-SSL Client. What to do when "Common Name Exclusions" is not working or we cannot browse some we

*Last Updated: 8/2/2017 2118 Views 20 Users found this article helpful*

### Description

DPI-SSL Client. What to do when "Common Name Exclusions" is not working or we cannot browse some websites

### Resolution

#### Feature/Application:

When using DPI-SSL Client we would like to **exclude some websites from using this feature.**

Mostly we are using the "**Common Name Exclusions**" but in some scenarios it may not work.

We can follow this KB as well when the Client DPI-SSL is enabled and we have **problems with browsing some websites.**

If in the diag.html site we are using SSLv3.0 (or a different one) and some webservers are using another version like TLSv1.0, the exclusions may not work properly (the sites will still use the SonicWall DPI certificate instead of their certificate).

The problem is, that some webservers are using different SSL versions and it is not possible to use all the versions on SonicWall at the same time. We can change the SSL version in <https://sonicwall-IP/diag.html> in DPI-SSL section.

In the workaround the <https://examinations.ie> will be used as the example.

When using SSLv3.0 the "Common Name Exclusions" is not working properly and if we use the TLSv1.0 the page is not loading.

## Procedure:

**Step 1:** Enable DPI-SSL Client on SonicWall and browse to <https://examinations.ie>.

The screenshot displays the SonicWall Network Security Appliance web interface. The left sidebar shows a navigation menu with categories like Dashboard, System, Network, and DPI-SSL. The main content area is titled "Client SSL" and includes a status table, general settings, certificate re-signing authority, inclusion/exclusion options, and common name exclusions.

**Client SSL**

Accept Cancel

**DPI-SSL Status**

DPI-SSL Status	
DPI-SSL License Expiration Date:	12/30/2015
Current DPI-SSL connections (cur/peak/max):	73/100/100

**General Settings**

Enable SSL Client Inspection:

Intrusion Prevention:  Gateway Anti-Virus:  Gateway Anti-Spyware:  Application Firewall:   
Content Filter:

**Certificate re-signing Authority**

This certificate will replace the original certificate signing authority only if that authority certificate is trusted by the firewall. If the authority is not trusted, then the certificate will be made self-signed. To avoid certificate errors, choose a certificate that is trusted by devices protected by DPI-SSL.

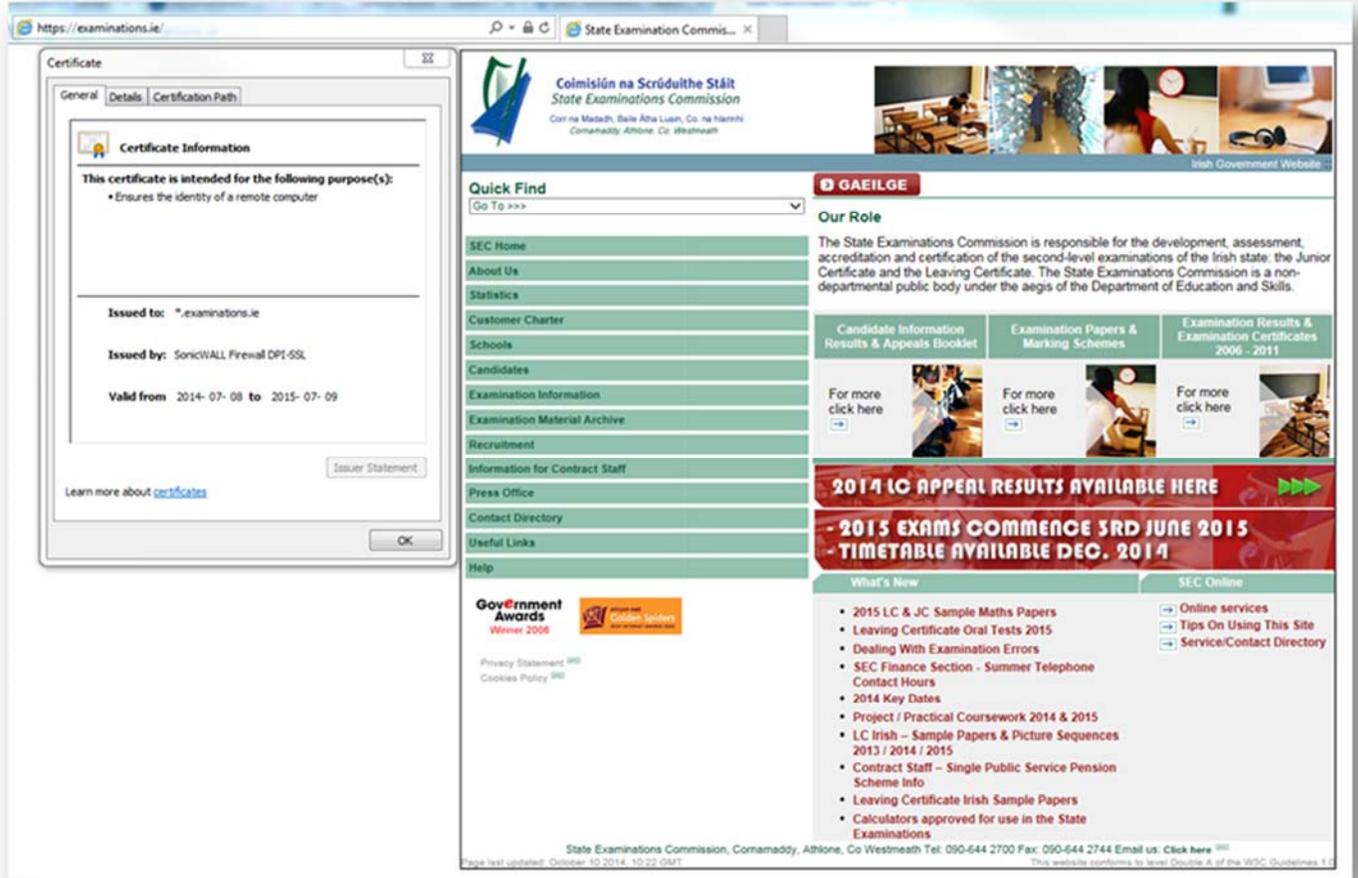
Certificate: **Default DELL SonicWALL DPI-SSL CA certificate** (download)  
(Manage Certificates)

**Inclusion/Exclusion**

	Exclude:	Include:
Address Object/Group	None	All
Service Object/Group	None	All
User Object/Group	None	All

**Common Name Exclusions:**

Suffix:  Add  
 Update



Here we see that the DPI-SSL is working fine and the website is using the **SonicWall Certificate**.

**Step 2:** To exclude the website, we normally use the "Common Name Exclusions" in DPI-SSL Client configuration

- ▶ Dashboard
- ▶ System
- ▶ Network
- ▶ 3G/4G/Modem
- ▶ SonicPoint
- ▶ Firewall
- ▶ Firewall Settings
- ▶ DPI-SSL
  - Client SSL
  - Server SSL
- ▶ VoIP
- ▶ Anti-Spam
- ▶ VPN
- ▶ SSL VPN
- ▶ Users
- ▶ High Availability
- ▶ Security Services
- ▶ WAN Acceleration
- ▶ AppFlow
- ▶ Log

DPI-SSL Status	
DPI-SSL License Expiration Date:	12/30/2015
Current DPI-SSL connections (cur/peak/max):	84/96/100

**General Settings**

Enable SSL Client Inspection:

Intrusion Prevention:     Gateway Anti-Virus:     Gateway Anti-Spyware:     Application Firewall:   
 Content Filter:

**Certificate re-signing Authority**

This certificate will replace the original certificate signing authority only if that authority certificate is trusted by the firewall. If the authority is not trusted, then the certificate will be made self-signed. To avoid certificate errors, choose a certificate that is trusted by devices protected by DPI-SSL.

Certificate: Default SonicWALL DPI-SSL CA certificate [\(download\)](#)  
[\(Manage Certificates\)](#)

**Inclusion/Exclusion**

	Exclude:	Include:
Address Object/Group	<input type="text" value="None"/>	<input type="text" value="All"/>
Service Object/Group	<input type="text" value="None"/>	<input type="text" value="All"/>
User Object/Group	<input type="text" value="None"/>	<input type="text" value="All"/>

**Common Name Exclusions:**

Suffix:

Exclusions:

After making this changes the website should be excluded, so we should see the **websites certificate** instead of the SonicWall DPI certificate. But it is still using the SonicWall certificate instead.

The screenshot shows a web browser window displaying the website <https://www.examinations.ie>. The browser's address bar and tabs are visible at the top. The website header includes the logo of the **Coimisiún na Scrúduithe Stáit / State Examinations Commission** and its address: *Corr na Madadh, Baile Átha Luain, Co. na hAonach, Comanadda Athlone, Co. Westmeath*. A navigation menu on the left lists various sections like SEC Home, About Us, Statistics, etc. The main content area features a 'Quick Find' search bar, a 'GAEILGE' button, and a 'Our Role' section. There are also promotional banners for '2014 LC APPEAL RESULTS AVAILABLE HERE' and '2015 EXAMS COMMENCE 3RD JUNE 2015 - TIMETABLE AVAILABLE DEC. 2014'. A 'What's New' section lists recent updates, and a 'SEC Online' section provides links to various services. At the bottom, there is a footer with contact information and a W3C Guidelines 1.0 compliance statement.

Overlaid on the left side of the browser window is a 'Certificate' dialog box. It has three tabs: 'General', 'Details', and 'Certification Path'. The 'General' tab is active, showing 'Certificate Information'. The text in the dialog reads:

**Certificate Information**

This certificate is intended for the following purpose(s):

- Ensures the identity of a remote computer
- Proves your identity to a remote computer

Issued to: \*.examinations.ie

Issued by: SonicWALL Firewall DPI-SSL

Valid from: 2014-07-08 to 2015-07-09

Buttons for 'Issuer Statement' and 'OK' are visible at the bottom of the dialog box.

**Step 3:** To exclude in this scenario, we need to create the **FQDN** object in **Network > Address Objects** and use **Inclusion / Exclusion** in the DPI Configuration.

Network /  
**Address Objects**

Address Groups

Custom Address Objects

Add Address Object - Google Chrome  
https://192.168.122.1/addNetObjDlg.html

SonicWALL | Network Security Appliance

Name: examinations.ie  
Zone Assignment: WAN  
Type: FQDN  
FQDN Hostname: examinations.ie

Ready

Add Close

47	portal.microsoftonline.com	portal.microsoftonline.com	Address Properties Host: 217.78.15.203; TTL=14399
48	live.com	*.live.com	
49	examinations.ie	examinations.ie	

As we can see here, the DNS resolves the FQDN IP address. Now we can use this as an **Inclusion / Exclusion** in the DPI-SSL Client configuration.

**Inclusion/Exclusion**

	Exclude:	Include:
Address Object/Group	examinations.ie ▼	All ▼
Service Object/Group	None ▼	All ▼
User Object/Group	None ▼	All ▼

**Common Name Exclusions:**

Suffix:

Exclusions:

**Step 3:** Now when browsing, the website <https://examinations.ie> we will display a certificate issued by "GeoTrust SSL Ca - G2".

https://www.examinations.ie

SNWL-Demo Sandbox KB-Snwl salesforce.com Tlumacz Google SNWL-OWA WebEx Telefon IP KB SSL-8.1 Glify Issue Tracker Apple-SNWL Cheat Sheets - Pack...

Certificate

General Details Certification Path

**Certificate Information**

This certificate is intended for the following purpose(s):

- Ensures the identity of a remote computer
- Proves your identity to a remote computer
- 2.16.840.1.113733.1.7.54

**Issued to:** \*.examinations.ie

**Issued by:** GeoTrust SSL CA - G2

**Valid from:** 2014-07-08 to 2015-07-09

Learn more about [certificates](#)

Issuer Statement

OK

Coimisiún na Scrúduithe Stáit  
State Examinations Commission  
Carr na Madaidh, Baile Átha Luain, Co. na hÉireann  
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**GAEILGE**

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