



The screenshot shows a Windows 10 desktop with a blue background. In the top-left corner, there is a 'Recycle Bin' icon. The taskbar at the bottom contains the Start button, search icon, task view icon, and system tray icons for volume, network, and date (14:14, 11/08/2017). The network settings menu is open on the right side of the screen, displaying a list of available Wi-Fi networks. The 'BYOD2017' network is highlighted in blue. A text box with a black border and white background is overlaid on the screen, containing the text: 'Select "BYOD2017" and click "Connect"'. The 'Connect' button is visible at the bottom right of the 'BYOD2017' network card. Other networks listed include GA_STF, GA_STU, Guest, MAC, and STF_Phones, all marked as 'Secured'. At the bottom of the network settings menu, there are toggle switches for 'WiFi' (which is turned on) and 'Flight mode' (which is turned off).

Recycle Bin

Select "BYOD2017" and click "Connect"

GA_STF
Secured

BYOD2017
Secured

Connect automatically

Connect

GA_STU
Secured

Guest
Secured

MAC
Secured

STF_Phones
Secured

Network settings

WiFi

Flight mode

14:14
11/08/2017



Connecting To BYOD2017 - Windows

Recycle Bin

Screenshots

Enter your student number and password

GA_STF
Secured

BYOD2017
Secured

Enter your username and password

001234

•••••

OK Cancel

GA_STU
Secured

Guest
Secured

MAC

Network settings

WiFi Flight mode

14:14
11/08/2017



Open Internet Explorer
and navigate to
smoothwall/clogin/

The screenshot shows a Windows desktop environment. At the top, a taskbar contains the Start button, search icon, task view icon, and the Internet Explorer icon. The Internet Explorer window is open, displaying a blank page with the address bar showing 'smoothwall/clogin/'. The browser's title bar indicates 'Blank Page'. In the center of the browser window, a blue rectangular box with a black border contains the text: 'Open Internet Explorer and navigate to smoothwall/clogin/'. The Windows taskbar at the bottom shows the system tray with icons for network, volume, and power, along with the date and time '14:15 11/08/2017'.



http://smoothwall/clogin/ SSL login page



Please download our certificate to use SSL on our network.

GUILSBOROUGHstudent1 logged in

Username:

Password:

[Click here to download the HTTPS Inspection certificate](#)

Click on "Click here to download the HTTPS Inspection Certificate"

14:15 11/08/2017



← → http://smoothwall.guilsborough.internal/modules/gu HTTPS Interception

smoothwall

HTTPS Interception

This system is configured to use HTTPS Interception. For this to work your device may require an additional security certificate to avoid problems with HTTPS sites, in particular those with HSTS or HTTPS certificate pinning.

DOWNLOAD Certificate

- ▶ **Internet Explorer**
- ▶ **Chrome (Windows)**
- ▶ **Firefox (Windows)**
- ▶ **Safari (OS X)**
- ▶ **iPad, iPhone, iPod, iOS (Safari)**
- ▶ **Android (Chrome)**
- ▶ **Chromebook, ChromeOS**

Click on "Download Certificate"

Windows taskbar: 14:15 11/08/2017



Certificate

General Details Certification Path

Certificate Information

This CA Root certificate is not trusted. To enable trust, install this certificate in the Trusted Root Certification Authorities store.

Issued to: smoothwall.guilsborough.internal

Install Certificate... Issuer Statement

OK

HTTPS Interception

Download Certificate

Click on "Install Certificate"

Chromebook, ChromeOS

Windows) Windows) iPod, iOS (Safari) (me)

14:18 11/08/2017



Connecting To BYOD2017 - Windows

Certificate Import Wizard

Welcome to the Certificate Import Wizard

This wizard helps you copy certificates, certificate trust lists, and certificate revocation lists from your disk to a certificate store.

A certificate, which is issued by a certification authority, is a confirmation of your identity and contains information used to protect data or to establish secure network connections. A certificate store is the system area where certificates are kept.

Store Location

- Current User
- Local Machine

To continue, click Next.

Select "Current User" then click "Next"

Next Cancel

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ception. For this to work your device may require an additional security certificate to avoid e with HSTS or HTTPS certificate pinning.

DOWNLOAD Certificate

afari)

► **Chromebook, ChromeOS**

14:18 11/08/2017



Connecting To BYOD2017 - Windows

Certificate Import Wizard

Certificate Store
Certificate stores are system areas where certificates are kept.

Windows can automatically select a certificate store, or you can specify a location for the certificate.

- Automatically select the certificate store based on the type of certificate
- Place all certificates in the following store

Certificate store: **Browse...**

Select "Place all certificates in the following store" then click "Browse..."

Next **Cancel**

DOWNLOAD Certificate

Chromebook, ChromeOS

afari)

14:18
11/08/2017



Connecting To BYOD2017 - Windows

Select Certificate Store

Select the certificate store you want to use.

- Personal
- Trusted Root Certification Authorities**
- Enterprise Trust
- Intermediate Certification Authorities
- Trusted Publishers
- Untrusted Certificates

Show physical stores

OK Cancel

Next Cancel

Select "Trusted Root Certification Authorities" then click "OK" then click "Next"

▶ **Chromebook, ChromeOS**

...tion

...ificates are kept.

...ception. For this to work your device may require an additional security certificate to avoid ... e with HSTS or HTTPS certificate pinning.

DOWNLOAD Certificate

...afari)



Certificate Import Wizard

Completing the Certificate Import Wizard

The certificate will be imported after you click Finish.

You have specified the following settings:

Certificate Store Selected by User	Trusted Root Certification Authorities
Content	Certificate

Click "Finish"

Finish Cancel

DOWNLOAD Certificate

afari)

Chromebook, ChromeOS

14:18
11/08/2017



The screenshot shows a Windows desktop environment. In the background, a browser window displays the 'Smoothwall HTTPS Interception' page. Overlaid on this are two dialog boxes:

- Certificate Information Dialog:**
 - General tab selected.
 - Warning: "This CA Root certificate is not trusted. To enable trust, install this certificate in the Trusted Root Certification Authorities store."
 - Issued to: smoothwall.guilsborough.internal
 - Issued by: smoothwall.guilsborough.internal
 - Valid from: 08/02/2017 to 08/02/2020
 - Buttons: "Install Certificate...", "Issuer Statement", "OK"
- Security Warning Dialog:**
 - Warning icon and text: "You are about to install a certificate from a certification authority (CA) claiming to represent: smoothwall.guilsborough.internal"
 - Text: "Windows cannot validate that the certificate is actually from 'smoothwall.guilsborough.internal'. You should confirm its origin by contacting 'smoothwall.guilsborough.internal'. The following number will assist you in this process:"
 - Thumbprint (sha1): A86E4413 EEF31F9C F5877E9E 25F042A0 0E47FBDB
 - Warning: "If you install this root certificate, Windows will automatically trust any certificate issued by this CA. Installing a certificate with an unconfirmed thumbprint is a security risk. If you click 'Yes' you acknowledge this risk."
 - Text: "Do you want to install this certificate?"
 - Buttons: "Yes", "No"

At the bottom center, a blue box with white text says "Click 'Yes'".



The screenshot shows a web browser window displaying the Google homepage. The address bar shows the URL https://www.google.co.uk/?gfe_rd=cr&ei=ua6NWi. The page features the Google logo in a graffiti style, with letters in yellow, black, red, orange, and green, set against a brick wall background. Below the logo is a search bar and two buttons: "Google Search" and "I'm Feeling Lucky". A blue text box is overlaid on the page with the text: "Navigate to 'google.com'. If it loads, you're all done". At the bottom of the page, there is a privacy reminder from Google with buttons for "REMINDE ME LATER" and "REVIEW NOW". The Windows taskbar is visible at the bottom of the screen, showing the Start button, search icon, task view icon, and the Edge browser icon. The system tray shows the time as 14:18 on 11/08/2017.

Navigate to "google.com".
If it loads, you're all done