Blocking HTTPS traffic with web filtering

Some websites are accessible using HTTPS protocol, such as Youtube. This example shows how to use web filtering to block HTTPS access.

1. Verifying FortiGuard services are enabled
2. Creating a web filter profile
3. Creating an SSL inspection profile
4. Adding the profiles to a security policy
5. Results

This example requires an active license for FortiGuard Web Filtering Services.
Verifying FortiGuard Services are enabled

Go to System > Dashboard > Status.

In the **License Information** widget, verify that you have an active subscription to FortiGuard Web Filtering. If you have a subscription, the service will have a green checkmark beside it.

![License Information Table]

**Support Contract**
- **Registration**: Registered (Login: vancouver_support@fortinet.com) [Login Now]
- **Hardware**: 8 x 5 support (Expires: 2014-02-25)
- **Firmware**: 8 x 5 support (Expires: 2014-02-25)
- **Enhanced Support**: 24 x 7 support (Expires: 2014-02-25)
- **Comprehensive Support**: 24 x 7 support (Expires: 2014-02-25)

**FortiGuard Services**
- **Next Generation Firewall**
  - IPS & Application Control: Licensed (Expires 2014-02-25)
- **ATP Services**
  - AntiVirus: Licensed (Expires 2014-02-25)
  - **Web Filtering**: Licensed (Expires 2014-02-24)
- **Other Services**
  - Vulnerability Scan: Licensed (Expires 2014-02-25)
  - Email Filtering: Licensed (Expires 2014-02-24)
Creating a web filter profile

Go to Security Profiles > Web Filter > Profiles. Select the plus icon in the upper right corner to create a new profile.

Enable FortiGuard Categories and expand the category Bandwidth Consuming. Right-click on Streaming Media and Download, the category to which Youtube belongs, and select Block.

Creating an SSL inspection profile

Go to Policy > Policy > SSL Inspection. Select the plus icon in the upper right corner to create a new profile.

Enable the inspection of the HTTPS Protocol.
Adding the profiles to a security policy

Go to Policy > Policy > Policy.

Edit the security policy controlling the traffic you wish to block. Under Security Profiles, enable Web Filter and SSL Inspection and set both to use the new profiles.
Results

Browse to https://www.youtube.com. A replacement message appears indicating that the website was blocked.

Blocked traffic can be monitored by going to Security Profiles > Monitor > Web Monitor.