



Wyse Thin OS – Setup HTTPS Management

A Technote by
Customer Support

August 2007

Summary

This technote will show you how to properly configure your HTTPS/SSL web server to manage and upgrade Wyse Thin OS.

Audience

Wyse Customers

Affected Products

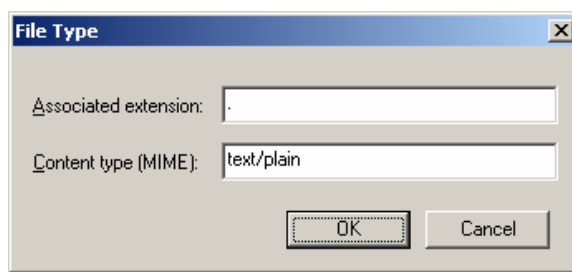
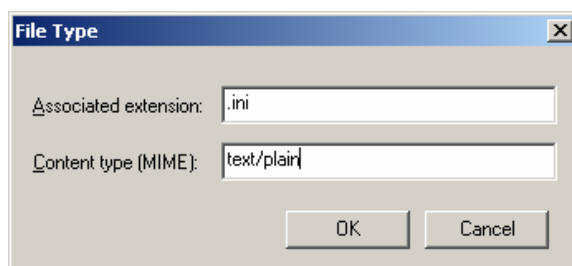
Tested on S10, V10L running Wyse Thin OS 5.3 and higher.

Requirements/Issues

Windows 2003 Server with IIS and SSL properly configured.

Procedure/Solution

1. The first step is to make sure the web server can identify the files types used by WTOS. We need to create two MIME types under IIS. The MIME's need to be configured on a per site basis. On a default IIS install:
 - i. Launch the IIS admin console.
 - ii. Browse to the **Default Web Site**, right click and select **properties**.
 - iii. Choose the **HTTP Headers** tab and under the **MIME Map** section choose **File Types** then **New Type**.
 - iv. Add the two MIME types as shown below. Use **“.INI”** and **“.”** for the **associated extension** fields and then apply the settings and close the IIS admin console.



2. Installing IIS creates the default directory **C:\inetpub\WWWroot**. Under this folder please create the following directory structure.

EX: C:\inetpub\wwwroot\wyse\wnos

3. Place the WTOS firmware and .INI files in the \WNOS directory.
 - More information can be located in the WTOS Administrator's Guide along with example .INI files. For both resources please visit the [Wyse Customer Support Knowledgebase](#) and click on Reference Guides.
4. There are two types of methods which can be used to assign the WTOS thin computing device to the correct HTTPS server initially. First, you can manually enter the File Server and Path on the WTOS device by click on **Desktop → System Setup → Network → File Servers/Path** and entering the following information.

EX: https://IPADDRESS/wyse

The Second method uses DHCP option tags 161 and 162 to hand the WTOS thin computing device the File Server and Path information. Specific information on how to setup 161 and 162 tags are located in the Wyse Thin OS administrators guide located at the [Wyse Customer Support Knowledgebase](#) and click on Reference Guides.

This section below can be used for pilots and demos to create an initial Windows 2003 server and or Windows XP SP2 with SSL capabilities. These steps assume you have **NOT** setup your web server to use SSL.

1. Please download the [IIS 6.0 Resource Kit](#). During the Installer please choose **custom** for install type and only install the **SelfSSL** component.
2. Browse to **Start → Programs → IIS Resources → SelfSSL → SelfSSL**. This will launch the DOS shell. Simply type the following statement replacing the computer name (CN) with your server name.

selfssl.exe /N:CN=SERVERNAME /K:1024 /V:7 /S:1 /P:443 /T

If this installs correctly you will receive the following message:

The self signed certificate was successfully assigned to site 1.

This can re-configure any existing IIS web sites you may have configured so for advanced options please refer to the SelfSSL help by typing:

Selfssl.exe -h

Once you have completed these steps please continue with the top section of this technote.