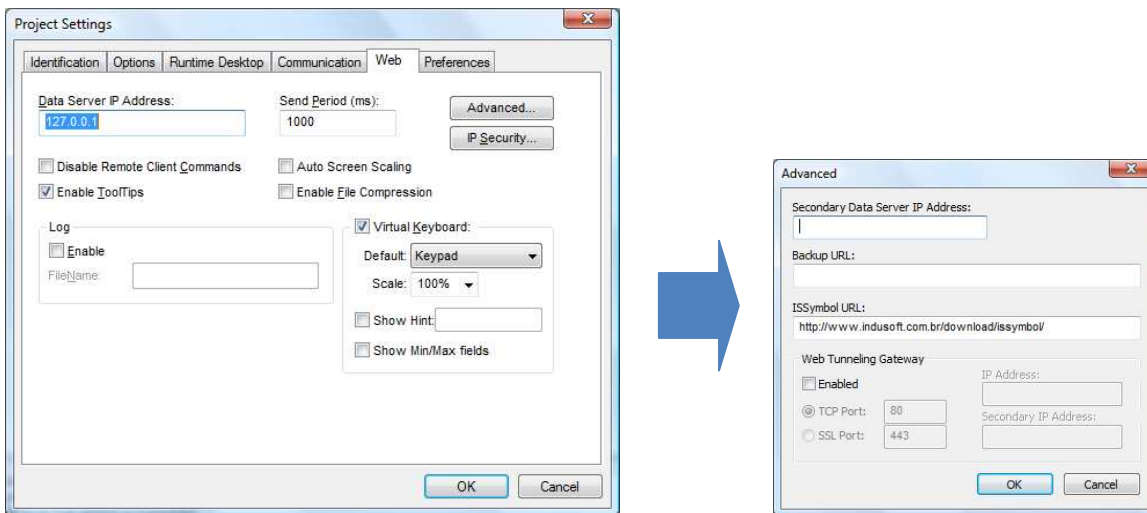


Quick Reference for Web Settings

I. Introduction

The aim of this document is to describe quick references to configure the Web Settings for a Studio application. The Web Settings can be configured by the Web tab of the Project Settings dialog. To open this dialog, select the menu Project → Settings from the development environment. By pressing the Advanced button, you access additional settings. The following pictures illustrate these dialogs:



The following table describes the meaning of the main Web settings illustrated in the previous pictures:

Setting	Description
Data Server IP Address	When the Web Tunneling Gateway is disabled: The Web Thin Client Control (ISSymbol) uses the Data Server IP Address to connect to the Studio TCP/IP Server Task. When the Web Tunneling Gateway is enabled: The Web Tunneling Gateway uses the Data Server IP Address to connect to the Studio TCP/IP Server Task.
Secondary Data Server IP Address	Same as the Data Server IP Address. However, the Secondary IP Address is used only after (if) the connection with the Data Server IP Address fails.
Web Tunneling Gateway IP Address	The Web Thin Client Control (ISSymbol) uses the Web Tunneling Gateway IP Address to connect to the Web Tunneling Gateway.
Web Tunneling Gateway Secondary IP Address	Same as the Web Tunneling Gateway IP Address. However, the Web Tunneling Gateway Secondary IP Address is used only after (if) the connection with the Web Tunneling Gateway IP Address fails.

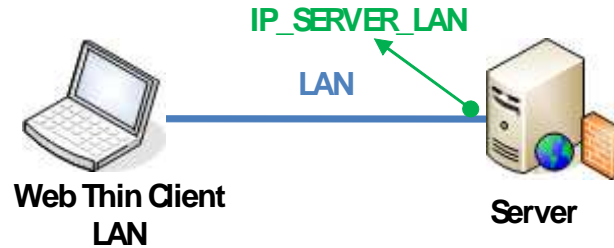
The Secondary addresses can be used in the following scenarios:
 - When the Web Thin Clients can connect to either one of two redundant servers; OR
 - When the Web Thin Clients can connect to the Server through the Intranet (LAN – Local Area Network) or through the Internet (WAN – Wide Area Network). In this case, the Primary addresses should be configured based on the network used more often by the Web Thin Clients. In the following examples, the LAN addresses are used as Primary and the WAN addresses are used as Secondary.

The following table describes the meaning from some terms used in the next examples:

Term	Description
LAN	Local Area Network (for example, Intranet)
WAN	Wide Area Network (for example, Internet)
Server	Station where the following components are running: - Studio (TCP/IP Server task) - Web Server (for example, Internet Information Services from Microsoft – IIS) - Web Gateway for IIS (if enabled) Although Studio does not need to run in the same station where the other components are running, the following examples assume that it is.
Web Thin Client LAN	Web Thin Client station (Web Browser + ISSymbol control) that connects the Server via the LAN.
Web Thin Client WAN	Web Thin Client station (Web Browser + ISSymbol control) that connects the Server via the WAN.
IP_SERVER_LAN	IP Address of the Server on the LAN.
IP_SERVER_WAN	IP Address of the Server on the WAN.
IP_ROUTER_LAN	IP Address of the Router on the LAN.
IP_ROUTER_WAN	IP Address of the Router on the WAN.
ScreenName	Name of the application screen, saved as HTML, that is open on the Web Thin Client station.

II. Examples of Typical Architectures

- Server connected to the Intranet (LAN) only

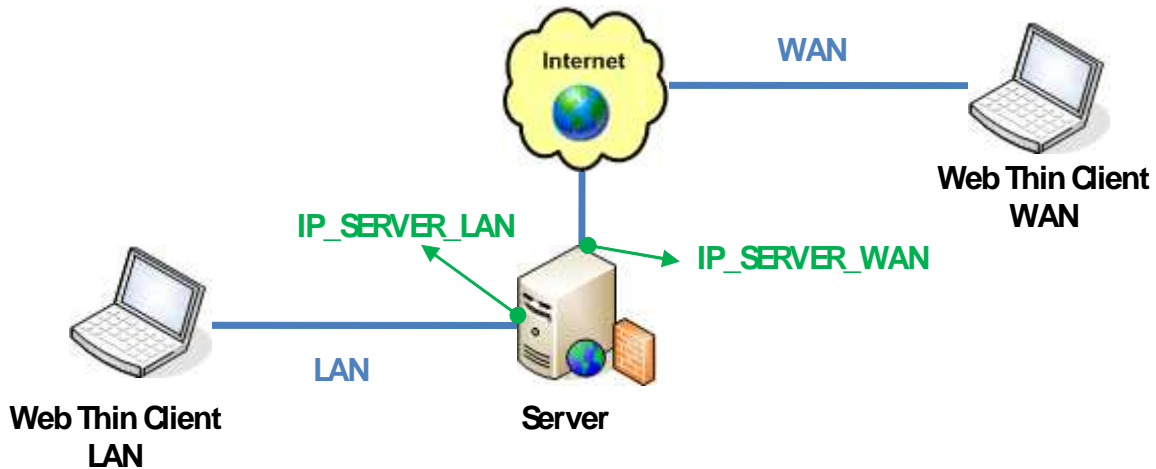


Setting	Web Gateway Enabled	Web Gateway Disabled
Data Server IP Address	IP_SERVER_LAN	IP_SERVER_LAN
Secondary Data Server IP Address	-	-
Web Tunneling Gateway IP Address	IP_SERVER_LAN	-
Web Tunneling Gateway Secondary IP Address	-	-

Remarks:

- URL From Web Thin Client LAN: http://IP_SERVER_LAN/ScreenName.html

- Server connected to the Intranet (LAN) and connected directly to the Internet (WAN)

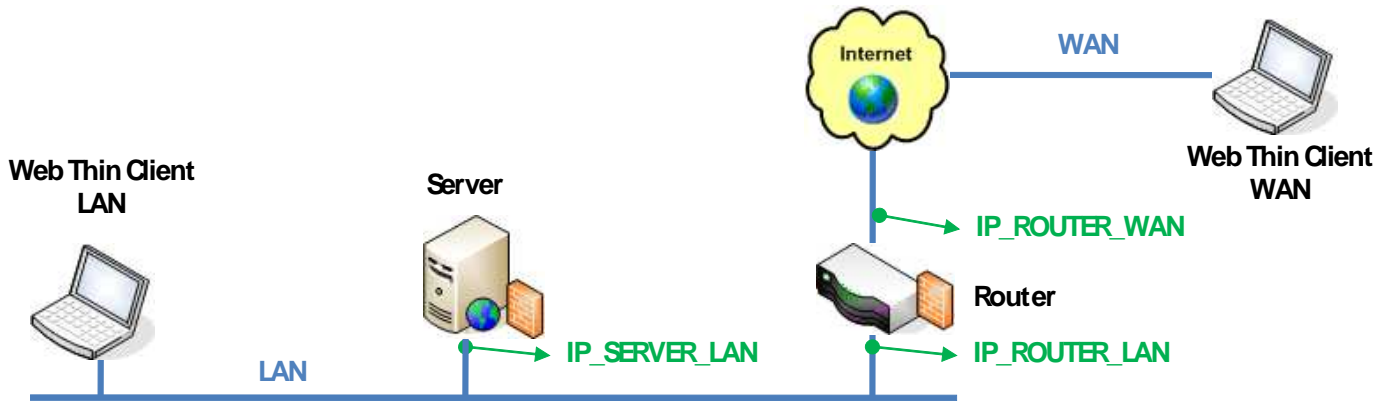


Setting	Web Gateway Enabled	Web Gateway Disabled
Data Server IP Address	IP_SERVER_LAN	IP_SERVER_LAN
Secondary Data Server IP Address	IP_SERVER_LAN	IP_SERVER_WAN
Web Tunneling Gateway IP Address	IP_SERVER_LAN	-
Web Tunneling Gateway Secondary IP Address	IP_SERVER_WAN	-

Remarks:

- URL From Web Thin Client LAN: http://IP_SERVER_LAN/ScreenName.html
- URL From Web Thin Client WAN: http://IP_SERVER_WAN/ScreenName.html

- Server connected to the Intranet (LAN) and connected to the Internet through a router (WAN)



Setting	Web Gateway Enabled	Web Gateway Disabled
Data Server IP Address	IP_SERVER_LAN	IP_SERVER_LAN
Secondary Data Server IP Address	IP_SERVER_LAN	IP_ROUTER_WAN
Web Tunneling Gateway IP Address	IP_SERVER_LAN	-
Web Tunneling Gateway Secondary IP Address	IP_ROUTER_WAN	-

Remarks:

- URL From Web Thin Client LAN: http://IP_SERVER_LAN/ScreenName.html
- URL From Web Thin Client WAN: http://IP_ROUTER_WAN/ScreenName.html
- The Router must be configured to forward the TCP Port(s) from its public IP (IP_ROUTER_WAN) to the Server private IP (IP_SERVER_LAN). If the Web Gateway is running, only the HTTP Port (80, by default) must be forwarded from IP_ROUTER_WAN to the IP_SERVER_LAN. If the Web Gateway is not running, both the HTTP Port (80, by default) and the InduSoft TCP/IP Server Port (1234, by default) must be forwarded from IP_ROUTER_WAN to the IP_SERVER_LAN. Consult the Router documentation for further information about how to configure Port Forwarding on it.

III. Map of Revisions

Rev.	Date	Author	Comments
A	March 7, 2007	Fabio Terezinho	Initial version