

IB Host and Ports Documentation

Background:

TWS connects to our servers via port 4000 and 4001, if using SSL. TWS will not function on any other port. Consider that if you are using a proxy server, it needs to be a transparent one. Both inbound and outbound ports need to open for TWS to function properly.

Please find below all the gateways along with the corresponding destination host that might be used by the TWS when you use our services, please allow access to those hosts.

The easiest way to test whether your connection needs any special setup or has been configured properly after completing one is to use [IB's Dedicated Test page](#), which will provide a dynamic test of your network's connection against our main trading servers. If a "Success" response is returned, there is nothing more for you to do. If a "Failure" response is returned, we would recommend adding an exception for the new hosts to your network's configuration or review your changes.

Note: If your network uses a browser proxy, the test page can produce false positives. In this case, turn to your network administrators, who can perform ping and telnet tests to the host list on the test page to confirm connectivity.

Specs:

ACCOUNT MANAGEMENT AND WEBSITE		
REGION/PRODUCT	SERVER (HOST)	PORTS ¹
IB WEBSITE – AMERICA	www.interactivebrokers.com	80 / 443
IB WEBSITE – Canada	www.interactivebrokers.ca	80 / 443
IB WEBSITE – UK	www.interactivebrokers.co.uk	80 / 443
IB WEBSITE – INDIA	www.interactivebrokers.co.in	80 / 443
IB WEBSITE – JAPAN	www.interactivebrokers.com.hk	80 / 443
ACCOUNT MGMT – EAST	gcdyn.interactivebrokers.com	443
ACCOUNT MGMT – CENTRAL	cdcdyn.interactivebrokers.com	443

1: Standard Communication: TCP Port 80 | SSL Communication: TCP Port 443

DESKTOP TWS			
REGION/TOOL	PRIMARY/BACKUP	SERVER (HOST)	PORTS ²
TWS AMERICA – EAST	PRIMARY	gdc1.ibllc.com	4000 / 4001
	BACKUP	gdc1_hb1.ibllc.com	
TWS AMERICA – CENTRAL	PRIMARY	cdc1.ibllc.com	4000 / 4001
	BACKUP	cdc1_hb1.ibllc.com	
TWS EUROPE	PRIMARY	zdc1.ibllc.com	4000 / 4001
	BACKUP	zdc1_hb1.ibllc.com	
TWS ASIA	PRIMARY	hdc1.ibllc.com	4000 / 4001
	BACKUP	hdc1_hb1.ibllc.com	
TWS AUTO-UPDATE	PRIMARY	download.interactivebrokers.com	80 / 443
		download2.interactivebrokers.com	
RISK NAVIGATOR	PRIMARY	risk.interactivebrokers.com	80 / 443
TWS CLOUD SETTINGS	PRIMARY	s3.amazonaws.com	443
IB CAM	PRIMARY	gdc1.ibllc.com	4000 / 4001
DIAGNOSTIC REPORTS	PRIMARY	https://wit1.interactivebrokers.com	443

2: Standard Communication: TCP Port 4000 | SSL Communication: TCP Port 4001/443