Interface Configuration				EXpert IP Test 🛛 📓 Tools	
Configuration				Start	
IP Address/DNS	10.192.3.62				Tap on the <b>Report</b>
Timeout (ms)	1000			Load/Save Report	button.
Delay (ms)	1000			Main Menu	
Data Size (bytes)	32			🧭 Ping	
TTL	Report Pop Up				
DiffServ Code Point *					The <b>Open</b> teb allows to
Number of Ping Requests	Config/Save Open				The <b>Open</b> tab allows to
	Report Content				open a previously saved
	Report Header	EXFO Inc			report.
	Report Title	Ping Test	Contractor	Charles	
	Customer	Walton	Operator Name	New	
	Job ID	22			
* To apply the DiffServ Code Point valu	Comment			Restore Default	
	Save Report				Set the report
Ping 👔 100 Mbit/s Full Duplex	File Name	Ping_Test_2010_10_08_	3_46_19	Save	preferences and tap
	Media Selector	Internal Flash	- Forma	t PDF 🔽	on the <b>Save</b> button.
	🗶 Display Report a	fter Saving	<b>X</b> L	ogo Exfo.jpg 🗸	
	Turn on Report	Generation Prompt			
				,	J
	0			Close	

# **Saving a Test Configuration**



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## **Status Bar**

Test Name	The name of the selected test.	
Link Arrow	Green arrow: Ethernet Link up.	
	Red arrow: Ethernet Link down.	
Interface Speed	10 Mbit/s, 100 Mbit/s, or 1000 Mbit/s.	
Interface Duplex	Auto, Half Duplex, or Full Duplex	
Test Status	Current test status.	

## **Test Control Buttons**

Start	Start	Starts test. Available when the test is not running.
Stop	Stop	Stops test. Available when the test is running.
E	Load/Save	Saves, loads, and deletes configuration file(s).
	Report	Saves and opens test report(s).





# EXpert IP Test Tools

EXpert IP Test Tools is an EXFO platform-based software application that provides IP test tools into one application. It helps field technicians deal with the complex testing environments of today's networks.

#### **Signal Connection**

The EXpert IP Test Tools uses the 10/100/100 Mbit/s Ethernet RJ45 port of the EXFO's platform. Connect the 10/100/1000 Mbit/s electrical signal to be tested to the RJ45 port of the EXFO's platform.

### **Starting the EXpert IP Test Tools**

FTB-1
FTB-1v2 and FTB-1v2 Pro
FTB-2, FTB-2 Pro, and FTB-4 Pro
FTB-200v2

From Mini ToolBox, tap on the Test Tools tab. From Mini ToolBox X, tap on the Test Tools tab. From ToolBox X, tap on the Test Tools button. From Compact ToolBox, tap on the Programs tab.



Select the EXpert IP Test Tools then tap on Start. The FTB-1 Mini ToolBox is shown below as an example.



For more information, refer to the user guide.



# Selecting, Configuring, and Starting a Test



**Ethernet Statistics** are displayed and updated every second.

- ► Link Status displays the status of the link: Connected or Disconnected.
- ► Link Speed (Mbps) displays the speed of the Ethernet connection.
- **Domain Name** displays the name of the connected domain.
- **Frame TX** displays the total Ethernet frames transmitted.
- **Frame RX** displays the total Ethernet frames received.
- > Duplex displays the Duplex mode of the link: half, full, or auto.
- **Errored Frames** displays the number of Ethernet frames received with error.
- > Dropped Frames displays the number of Ethernet frames dropped.
- **Bytes TX** displays the total data bytes transmitted.
- **Bytes RX** displays the total data bytes received.
- ▶ MAC Address displays the MAC Address of the EXFO's platform.
  - **Note:** Bytes TX and Bytes RX indicate the total amount of data that has passed through the Ethernet interface either way.

Tap on the **Configuration** tab and configure the specific test parameters. There is no specific configuration for VLAN Scan test.

3

Configuration					EXpert IP Te Tools		Tap on the
IP Address/DNS	10.192.3.62				Star	- 4	Start button
					Bì		start the tes
Timeout (ms)	1000				Load/Save	Report	
Delay (ms) Data Size (bytes)	1000				Main Menu		
Data Size (bytes)	32				I Ping		
TTL	64				FTP Perfo	rmance	
DiffServ Code Point *	0				Tracero	ute	
Number of Ping Requests	5				HTTP Ava	ilaibility	
	Interface Configuration						EXpert IP Test Tools
	Configuration						Start
	Server Name	10.192.2.1	33	Transfer Typ	e	ASCII	V
	User Name	exfo		Password		*****	
* To apply the DiffServ Code Point value, the platf	Operation Mode	Bi-Directio	nal 🗸	File Size (byt	es)	4096	Load/Save Re Main Menu
	Directory Name	/ftproot	_				Ping
g 👚 100 Mbit/s 🛛 Full Duplex		Treproor					
	File Name						FTP Perform:
Interface Configuration					EXpert I Tools	P Test 🛛 💈	
Configuration							HTTP Availai
Source IP Address/DNS	10.192.2.183					Start	VLAN Scan
Destination IP Address/DNS	10.192.3.62						LAN Discove
UDP Port	33440				Load/Sa Main Me		Tests
Start Hop Count	1					Ping	Results
Maximum Hop Count	30					lotformanco	
Reply Timeout (ms)	5000				FIPE	Performance	00
Diffserv Code Point *	0				🗸 Tra	ceroute	
Probe Type	ICMP		~		нттр	Availaibility	
1.000 Tpp	TONE						
In	terface Configuration						EXpert IP Test Tools
	onfiguration			_			Start
	URL	http://www	.exfo.com				
* To apply the DiffServ Code Point value	Page Download Mode	HTML Text		~			
Interface Configuration						EXpert IP Test 🔒	Load/Save Report Main Menu
Configuration						Start	Ping
Start IP Address			10.192.0.0				FTP Performance
End IP Address			10.192.3.62				Traceroute
◯ Mask			255.255.240.0			Load/Save Report Main Menu	
Bit Mask			20			Ping	HTTP Availaibility
Services to Search			L				VLAN Scan
Select All						FTP Performance	LAN Discovery
	C DNS	Y Telnet		E SSH		Traceroute	Tests
		Telnet		SSH		HTTP Availaibility	Results
	<pre>thttp</pre>	X HTTPS	2	\$ SIP			
SNMP						VLAN Scan	_ 0 7 8
						LAN Discovery	
						Tests	
						Results	

