

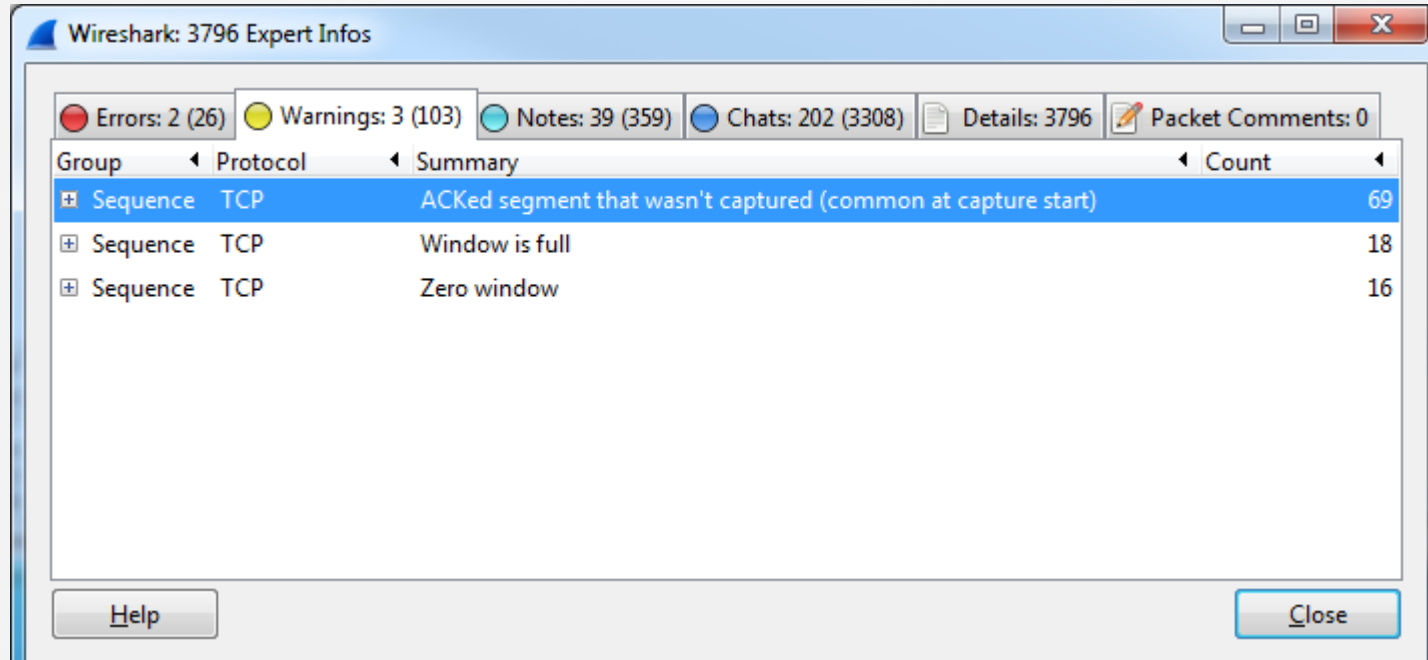


Poorly Performing Website

Poorly Performing Website

- » **Why does a site perform poorly?**
- » **Using Wireshark to dissect the issue**
 - Capture data from source to destination
 - Review communications via TCP
 - Analyze response time

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The image shows a screenshot of the Wireshark 'Expert Info' window. The title bar reads 'Wireshark: 3796 Expert Infos'. At the top, there are several summary buttons: 'Errors: 2 (26)' (red), 'Warnings: 3 (103)' (yellow), 'Notes: 39 (359)' (cyan), 'Chats: 202 (3308)' (blue), 'Details: 3796' (document icon), and 'Packet Comments: 0' (pencil icon). Below these is a table with columns for 'Group', 'Protocol', 'Summary', and 'Count'. The table lists three entries, all under the 'Sequence' group and 'TCP' protocol. The first entry, 'ACKed segment that wasn't captured (common at capture start)', is highlighted in blue and has a count of 69. The second entry, 'Window is full', has a count of 18. The third entry, 'Zero window', has a count of 16. At the bottom of the window are 'Help' and 'Close' buttons.

Group	Protocol	Summary	Count	
+	Sequence	TCP	ACKed segment that wasn't captured (common at capture start)	69
+	Sequence	TCP	Window is full	18
+	Sequence	TCP	Zero window	16

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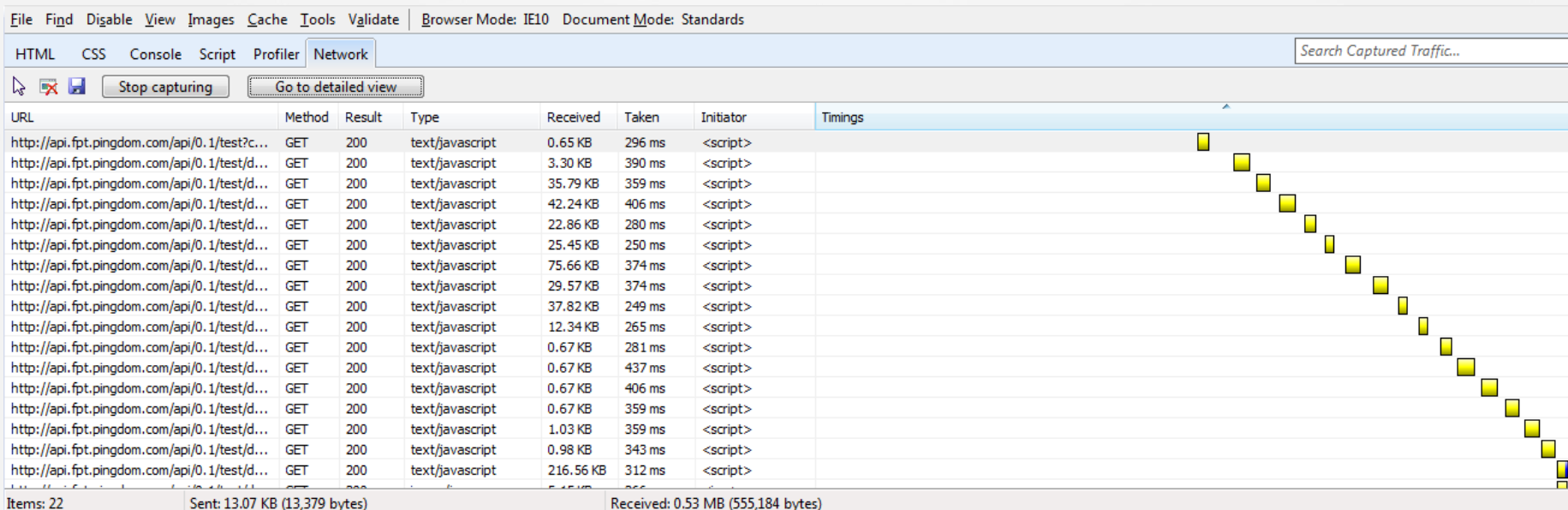
» Wireshark tools

- Capture data and filters
- Flow graph
- Expert

» Other tools

- HTTPWatch
- Firebug
- IE advanced tools

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Questions?