

# Normal Case

This screenshot illustrates a normal Client/Indigo exchange. Notice how the Time elapsed between each packet is small, typically on the order of .0001seconds ( $10^{-4}$  seconds) or .00001 seconds ( $10^{-5}$  seconds). Notice how the size (Bytes) of the packets jumps from ~100+ bytes to 1514 bytes at Packet #20: this is where the Client starts copying the file to Indigo. The trace completes after ~1.3 seconds has elapsed and after ~11,000 packets have been exchanged.

The screenshot shows the Wireshark interface with the following details:

- Menu Bar:** File, Edit, View, Go, Capture, Analyze, Statistics, Help
- Toolbar:** Standard network analysis tools like capture, display, and zoom.
- Filter:** Empty filter field.
- Packet List:**

No.	Time	Bytes	Source	Destination	Protocol	Info
1	0.000000	160	Client	Indigo	SMB	Trans2 Request, QUERY_PATH_INFO, query file basic info, Path: \blueheat.txt
2	0.023027	158	Indigo	Client	SMB	Trans2 Response, QUERY_PATH_INFO
3	0.000020	160	Client	Indigo	SMB	Trans2 Request, QUERY_PATH_INFO, query file standard info, Path: \blueheat.txt
4	0.000926	142	Indigo	Client	SMB	Trans2 Response, QUERY_PATH_INFO
5	0.000232	170	Client	Indigo	SMB	NT Create AndX Request, Path: \blueheat.txt
6	0.000016	161	Indigo	Client	SMB	NT Create AndX Response, FID: 0x0004
7	0.000211	142	Client	Indigo	SMB	Trans2 Request, SET_FILE_INFO, FID: 0x0004
8	0.003864	130	Indigo	Client	SMB	NT Trans Response, <unknown>
9	0.000016	130	Indigo	Client	SMB	NT Trans Response, <unknown>
10	0.000015	118	Indigo	Client	SMB	Trans2 Response, SET_FILE_INFO
11	0.000015	60	Client	Indigo	TCP	1087 > netbios-ssn [ACK] Seq=416 Ack=451 Win=64008 Len=0
12	0.000015	99	Client	Indigo	SMB	Close Request, FID: 0x0004
13	0.000209	93	Indigo	Client	SMB	Close Response
14	0.000265	170	Client	Indigo	SMB	NT Create AndX Request, Path: \blueheat.txt
15	0.000633	161	Indigo	Client	SMB	NT Create AndX Response, FID: 0x0002
16	0.000016	128	Client	Indigo	SMB	Trans2 Request, QUERY_FS_INFO, query FS Attribute Info
17	0.000209	134	Indigo	Client	SMB	Trans2 Response, QUERY_FS_INFO
18	0.000232	142	Client	Indigo	SMB	Trans2 Request, SET_FILE_INFO, FID: 0x0002
19	0.000945	118	Indigo	Client	SMB	Trans2 Response, SET_FILE_INFO
20	0.000339	1514	Client	Indigo	SMB	Write AndX Request, FID: 0x0002, 61440 bytes at offset 0
21	0.000018	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=2199 Ack=805 Win=63654 Len=]
22	0.000228	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=3659 Ack=805 Win=63654 Len=]
23	0.000018	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=5119 Ack=805 Win=63654 Len=]
24	0.000232	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=6579 Ack=805 Win=63654 Len=]
25	0.000018	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=8039 Ack=805 Win=63654 Len=]
26	0.000255	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=9499 Ack=805 Win=63654 Len=]
27	0.000017	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=10959 Ack=805 Win=63654 Len=]
28	0.000247	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=12419 Ack=805 Win=63654 Len=]
29	0.000019	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=13879 Ack=805 Win=63654 Len=]
30	0.000093	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=15339 Ack=805 Win=63654 Len=]
31	0.000128	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=16799 Ack=805 Win=63654 Len=]
32	0.000120	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=18259 Ack=805 Win=63654 Len=]
33	0.000128	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=19719 Ack=805 Win=63654 Len=]
34	0.000124	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=21179 Ack=805 Win=63654 Len=]
35	0.000123	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=22639 Ack=805 Win=63654 Len=]
36	0.000124	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=24099 Ack=805 Win=63654 Len=]
37	0.000124	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=25559 Ack=805 Win=63654 Len=]
38	0.000124	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=27019 Ack=805 Win=63654 Len=]
39	0.000122	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=28479 Ack=805 Win=63654 Len=]
40	0.000127	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=29939 Ack=805 Win=63654 Len=]
41	0.000122	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=31399 Ack=805 Win=63654 Len=]
42	0.000121	1514	Client	Indigo	TCP	[Continuation to #20] 1087 > netbios-ssn [ACK] Seq=32859 Ack=805 Win=63654 Len=]
- Status Bar:** File: "C:\temp\cb.enc" 11210 KB 00:00:02 | P: 11306 D: 11306 M: 0