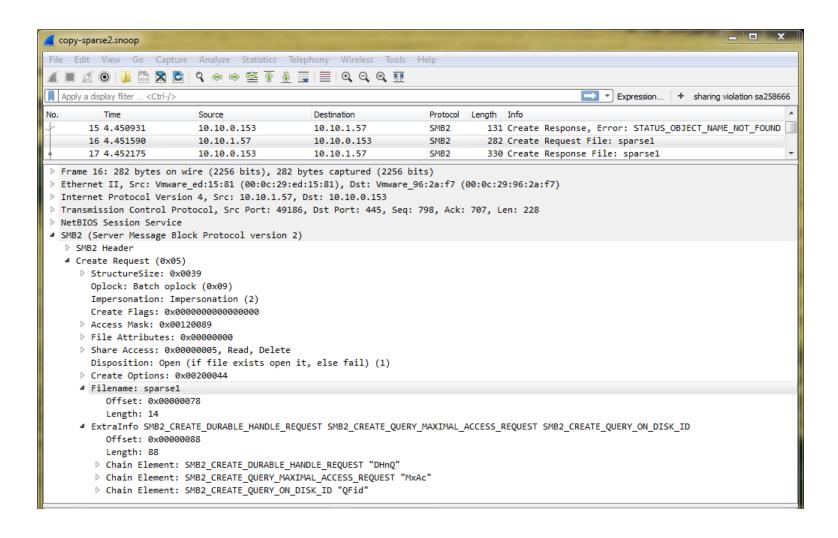
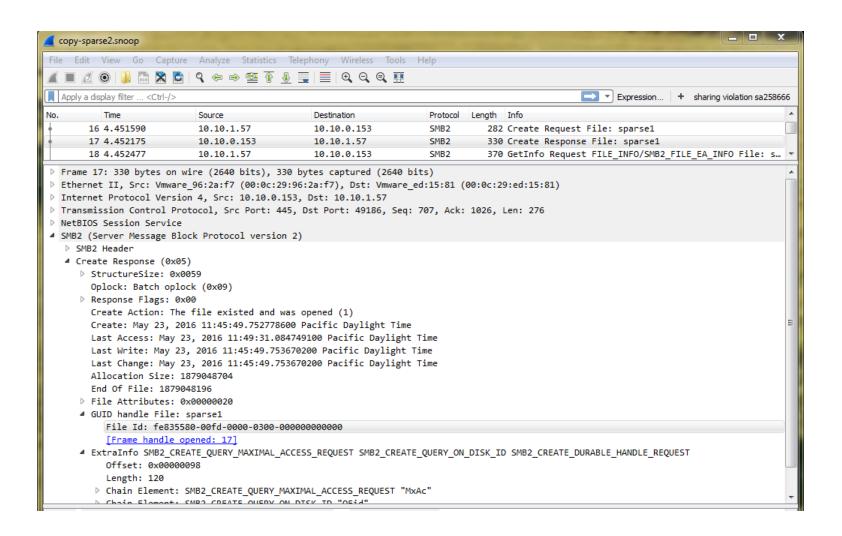
SMB3 Offload Data Transfer (ODX) Network traffic examples

Companion to the presentation from the Storage Developer Conference by Gordon Ross, Sep. 2016

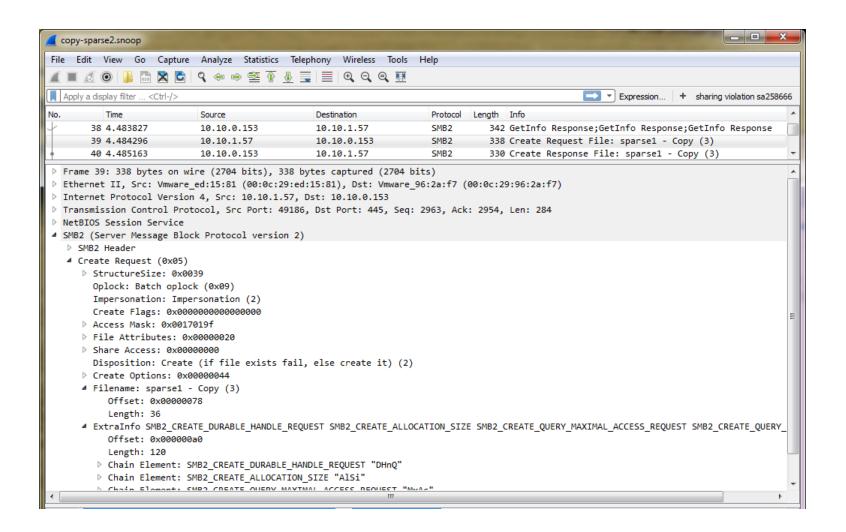
Open src (call 16)



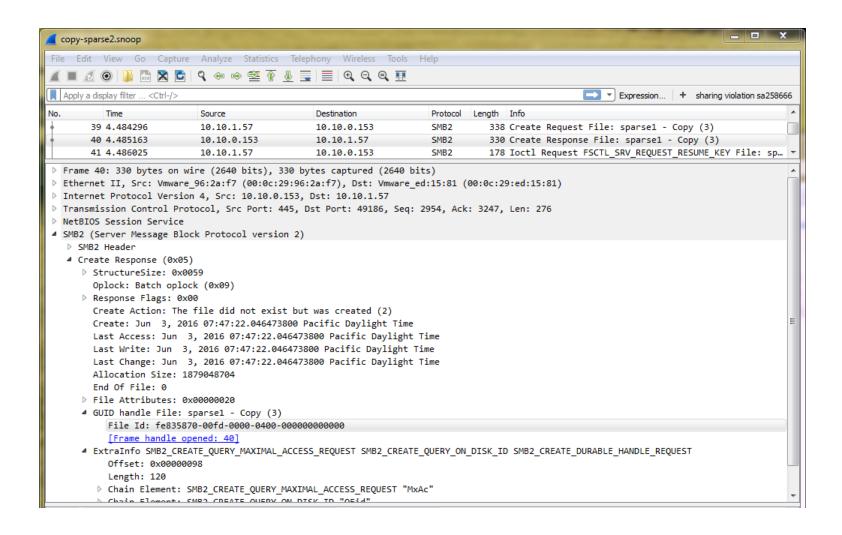
Open src (reply 17)



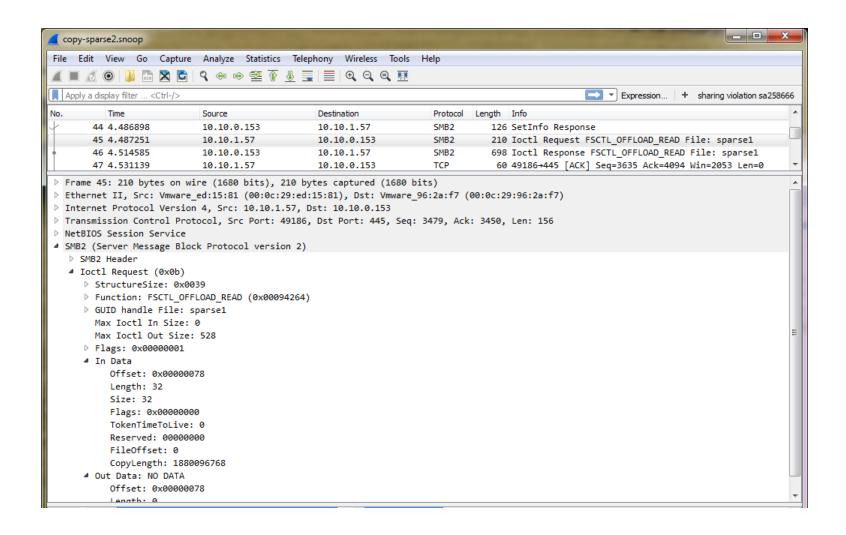
Open dst (call 39)



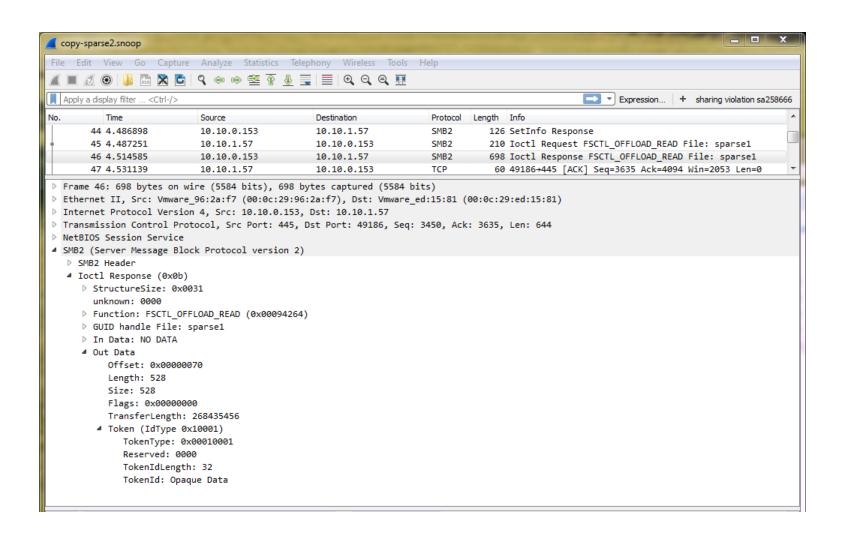
Open dst (reply 40)



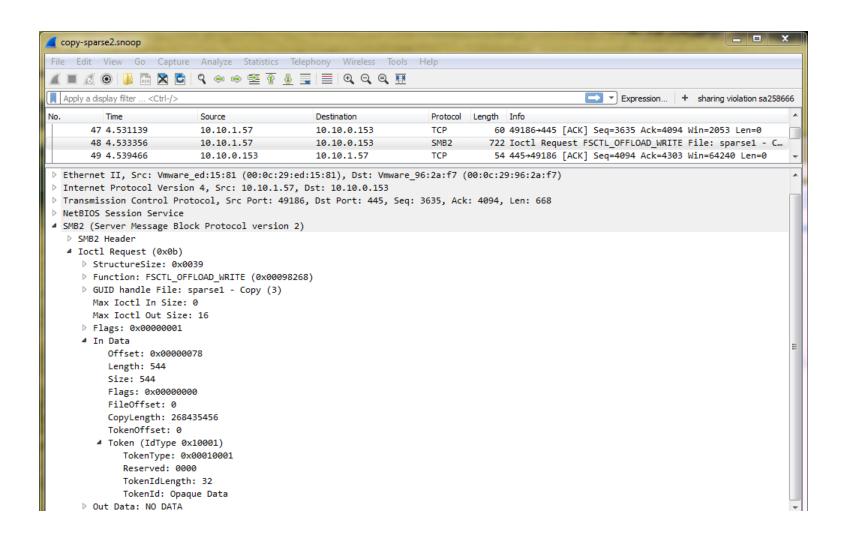
Read src (call 45)



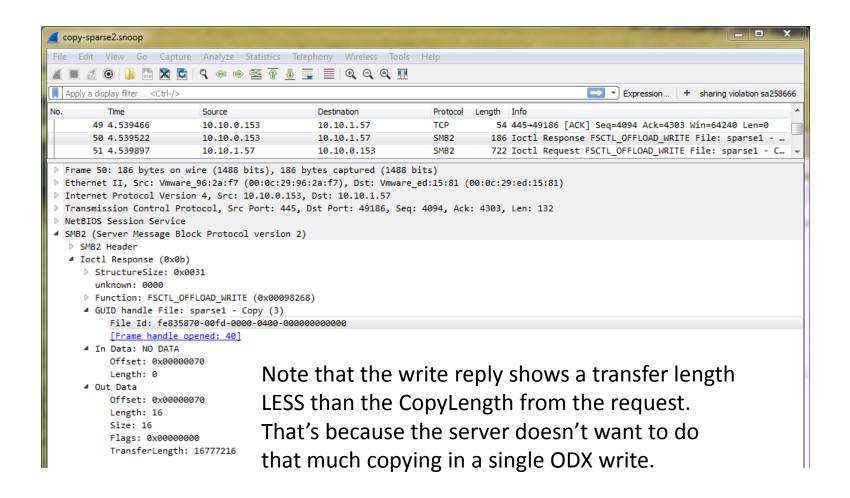
Read src (reply 46)



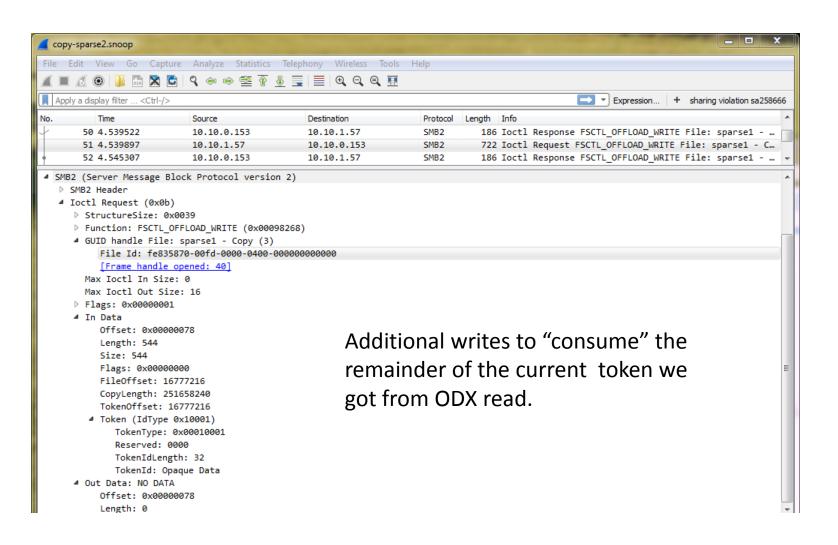
Write dst (call 48)



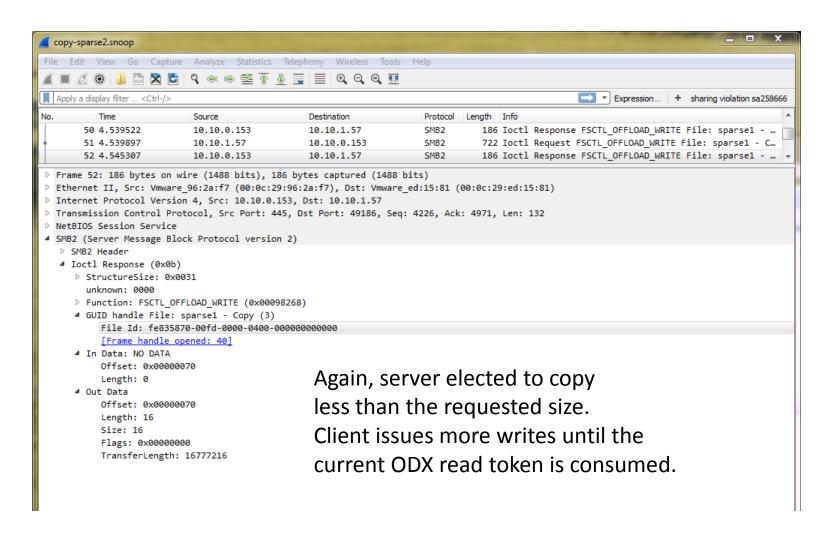
Write dst (reply 50)



Write dst (call 51)



Write dst (reply 52)



Write dst (many)

File	'		Telephony Wireless Tools	Help	
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Α	pply a display filter <ctrl-></ctrl->				Expression + sharing violation sa258
٥.	Time	Source	Destination	Protocol	Length Info
	72 4.829299	10.10.0.153	10.10.1.57	SMB2	186 Ioctl Response FSCTL_OFFLOAD_WRITE File: sparse1
	73 4.829751	10.10.1.57	10.10.0.153	SMB2	722 Ioctl Request FSCTL_OFFLOAD_WRITE File: sparse1 - C.
	74 4.829788	10.10.0.153	10.10.1.57	TCP	54 445→49186 [ACK] Seq=5150 Ack=9647 Win=64240 Len=0
	75 4.870514	10.10.0.153	10.10.1.57	SMB2	186 Ioctl Response FSCTL_OFFLOAD_WRITE File: sparse1
	76 4.871213	10.10.1.57	10.10.0.153	SMB2	722 Ioctl Request FSCTL_OFFLOAD_WRITE File: sparse1 - C.
	77 4.906316	10.10.1.57	10.10.0.153	TCP	722 [TCP Retransmission] 49186→445 [PSH, ACK] Seq=9647
	78 4.906409	10.10.0.153	10.10.1.57	TCP	54 445→49186 [ACK] Seq=5282 Ack=10315 Win=64240 Len=0
	79 4.908235	10.10.0.153	10.10.1.57	SMB2	186 Ioctl Response FSCTL_OFFLOAD_WRITE File: sparse1
	80 4.908649	10.10.1.57	10.10.0.153	SMB2	722 Ioctl Request FSCTL_OFFLOAD_WRITE File: sparse1 - C.
	81 4.908723	10.10.0.153	10.10.1.57	TCP	54 445→49186 [ACK] Seq=5414 Ack=10983 Win=64240 Len=0
	82 4.962437	10.10.0.153	10.10.1.57	SMB2	186 Ioctl Response FSCTL_OFFLOAD_WRITE File: sparse1
	83 4.963113	10.10.1.57	10.10.0.153	SMB2	722 Ioctl Request FSCTL_OFFLOAD_WRITE File: sparse1 - C.
	84 4.998119	10.10.0.153	10.10.1.57	SMB2	186 Ioctl Response FSCTL_OFFLOAD_WRITE File: sparse1
	85 4.998770	10.10.1.57	10.10.0.153	SMB2	722 Ioctl Request FSCTL_OFFLOAD_WRITE File: sparse1 - C.
	86 5.028927	10.10.0.153	10.10.1.57	TCP	54 445→49186 [ACK] Seq=5678 Ack=12319 Win=64240 Len=0
	87 5.038162	10.10.0.153	10.10.1.57	SMB2	186 Ioctl Response FSCTL_OFFLOAD_WRITE File: sparse1
	88 5.038716	10.10.1.57	10.10.0.153	SMB2	722 Ioctl Request FSCTL_OFFLOAD_WRITE File: sparse1 - C.
	89 5.097324	10.10.0.153	10.10.1.57	SMB2	186 Ioctl Response FSCTL_OFFLOAD_WRITE File: sparse1
	90 5.097766	10.10.1.57	10.10.0.153	SMB2	722 Ioctl Request FSCTL_OFFLOAD_WRITE File: sparse1 - C.
	91 5.108789	10.10.0.153	10.10.1.57	TCP	54 445→49186 [ACK] Seq=5942 Ack=13655 Win=64240 Len=0
	92 5.150889	10.10.0.153	10.10.1.57	SMB2	186 Ioctl Response FSCTL_OFFLOAD_WRITE File: sparse1
	93 5.151570	10.10.1.57	10.10.0.153	SMB2	722 Ioctl Request FSCTL_OFFLOAD_WRITE File: sparse1 - C.
	94 5.184491	10.10.0.153	10.10.1.57	SMB2	186 Ioctl Response FSCTL_OFFLOAD_WRITE File: sparse1
	95 5.185196	10.10.1.57	10.10.0.153	SMB2	210 Ioctl Request FSCTL_OFFLOAD_READ File: sparse1
	96 5.185414	10.10.0.153	10.10.1.57	SMB2	698 Ioctl Response FSCTL_OFFLOAD_READ File: sparse1
	▷ StructureSize: 0:	x0039			
		OFFLOAD READ (0x00094	1264)		