

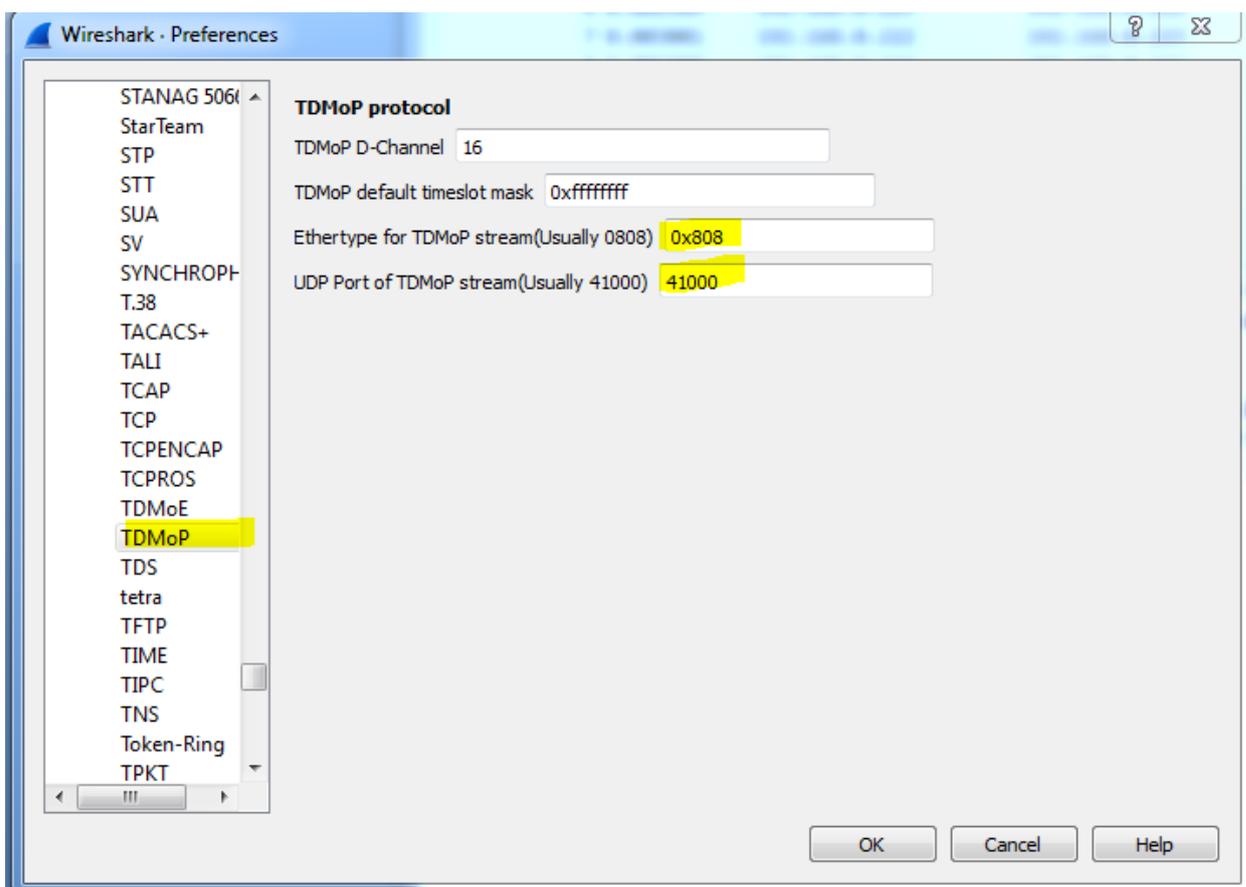
## Настройка Wireshark для анализа пакетов TDMoP

1. Скачать с сайта <https://www.wireshark.org/> последнюю версию ПО для Вашей ОС
2. Установить его
3. Зайти в меню: **Edit / Preferences / Protocol / TDMoP**.

Прописать следующие значения:

- EtherType for TDMoP stream (Usually 0808): 0x808;
- UDP Port of TDMoP stream (Usually 41000): 41000;

и нажать «Ok»



После этих настроек, Wireshark в колонке «**Protocol**» будет отражать протокол «**TDMoP**». И в окне «**Packet Details**» можно анализировать TDMoP-пакеты.

test.pcapng

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Apply a display filter ... <Ctrl-/> Expression...

No.	Time	Source	Destination	Protocol	Length	Info
1	0...	NscCommu_7c:19:17	5a:00:3b:00:19:9f	TDMoP	284	
2	0...	192.168.0.228	192.168.0.225	TDMoP	1464	
3	0...	5a:00:3b:00:19:9f	NscCommu_7c:19:17	TDMoP	284	
4	0...	NscCommu_7c:19:17	5a:00:3b:00:19:9f	TDMoP	284	

▶ Frame 1: 284 bytes on wire (2272 bits), 284 bytes captured (2272 bits) on interface 0  
 ▶ Ethernet II, Src: NscCommu\_7c:19:17 (54:a5:4b:7c:19:17), Dst: 5a:00:3b:00:19:9f (5a:00:3b:00:19:9f)

▶ TDMoP protocol  
 TDMoP Transfer ID: 0x01000000  
 TDMoP Dst Ch: 0  
 TDMoP Src Ch: 1  
 TDMoP Flags: 0  
 .... 0... = TDMoP No data flag: False  
 .... 0.0. = TDMoP Lost Request Flag: False  
 .... .0.. = TDMoP No data recieved from remote side flag: False  
 ...0 .... = TDMoP compressed framed: False  
 TDMoP Short SrcDst: 0x10  
 TDMoP Sequence number: 26709  
 TDMoP Last Received number: 47873  
 TDMoP Delay: 0  
 TDMoP Reserved: 0  
 TDMoP Payload: 434343436363636383838383a3a3a3a3c3c3c3c3e3e3e3e...  
 ▶ Block 0  
 ▶ Block 1

0000	5a 00 3b 00 19 9f 54 a5 4b 7c 19 17 08 08 00 00	Z;...T. K .....
0010	00 01 00 10 55 68 01 bb 00 00 00 00 43 43 43 43	....Uh.. ....CCCC
0020	63 63 63 63 83 83 83 83 a3 a3 a3 a3 c3 c3 c3 c3	cccc.... ....
0030	e3 e3 e3 e3 23 63 23 63 3b df 7b 1f e0 ef ff 0f	...#c#c ;{.....
0040	96 96 96 97 ea ea ea ea c1 c1 c1 c1 33 33 33 33	..... 3333
0050	1c 1c 1c 1c 04 04 04 04 00 00 00 00 40 40 40 40	..... @@@@

TDMoP protocol (tdmop), 270 bytes | Packets: 448 · Displayed: 448 · Marked: 0 · Load time: 0:0.21 | Profile: Default