

Programowanie Aplikacji Sieciowych

Laboratorium 3, Zadanie 16

Pakiety dot. zadania 13

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	127.0.0.1	127.0.0.1	UDP	103	38312 → 2910 Len=61
2	0.000134458	127.0.0.1	127.0.0.1	UDP	45	2910 → 38312 Len=3
▶ Frame 10: 176 bytes on wire (1408 bits), 176 bytes captured (1408 bits) on interface lo, id 0						
▶ Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)						
▶ Internet Protocol Version 4, Src: 127.0.0.53, Dst: 127.0.0.1						
▶ User Datagram Protocol, Src Port: 53, Dst Port: 48147						
▶ Domain Name System (response)						
0000	00 00 00 00 00 00 00 00	00 00 00 00 08 00 45 00	.....E.			
0010	00 a2 52 ef 40 00 01 11	28 26 7f 00 00 35 7f 00	..R.@...(&...5..			
0020	00 01 00 35 bc 13 00 8e	fe d5 d5 bf 81 80 00 01	...5.....			
0030	00 00 00 01 00 01 07 61	63 63 6f 75 6e 74 09 6a	.....a ccount.j			
0040	65 74 62 72 61 69 6e 73	03 63 6f 6d 00 00 1c 00	etbrains .com...			
0050	01 c0 14 00 06 00 01 00	00 01 2c 00 48 07 6e 73	....., .H.ns			
0060	2d 31 37 30 31 09 61 77	73 64 6e 73 2d 32 30 02	-1701.aw sdns-20.			
0070	63 6f 02 75 6b 00 11 61	77 73 64 6e 73 2d 68 6f	co.uk..a wsdns-ho			
0080	73 74 6d 61 73 74 65 72	06 61 6d 61 7a 6f 6e c0	stmaster .amazon.			
0090	1e 78 59 5c e1 00 00 1c	20 00 00 03 84 00 12 75	.xY\.....u			
00a0	00 00 01 51 80 00 00 29	ff d6 00 00 00 00 00 00	...Q....)			
No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	127.0.0.1	127.0.0.1	UDP	103	38312 → 2910 Len=61
2	0.000134458	127.0.0.1	127.0.0.1	UDP	45	2910 → 38312 Len=3
▶ Frame 2: 45 bytes on wire (360 bits), 45 bytes captured (360 bits) on interface lo, id 0						
▶ Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)						
▶ Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1						
▶ User Datagram Protocol, Src Port: 2910, Dst Port: 38312						
▶ Data (3 bytes)						
0000	00 00 00 00 00 00 00 00	00 00 00 00 08 00 45 00	.....E.			
0010	00 1f 7d c8 40 00 40 11	bf 03 7f 00 00 01 7f 00	..}.@.@.....			
0020	00 01 0b 5e 95 a8 00 0b	fe 1e 54 41 4b	...^.....TAK			

Pakiety dot. zadania 14

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	127.0.0.1	127.0.0.1	UDP	83	52535 → 2909 Len=41
2	0.000134523	127.0.0.1	127.0.0.1	UDP	45	2909 → 52535 Len=3
▶ Frame 1: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface lo, id 0						
▶ Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)						
▶ Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1						
▶ User Datagram Protocol, Src Port: 52535, Dst Port: 2909						
▶ Data (41 bytes)						
0000	00 00 00 00 00 00 00 00	00 00 00 00 08 00 45 00	.....E.			
0010	00 45 42 0e 40 00 40 11	fa 97 7f 00 00 01 7f 00	EB.@.			
0020	00 01 cd 37 0b 5d 00 31	fe 44 7a 61 64 31 33 6f	...7.]1 Dzad13o			
0030	64 70 3b 73 72 63 3b 32	39 30 30 3b 64 73 74 3b	dp;src;2 900;dst;			
0040	33 35 32 31 31 3b 64 61	74 61 3b 68 65 6c 6c 6f	35211;da ta;hello			
0050	20 3a 29		:)			
No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	127.0.0.1	127.0.0.1	UDP	83	52535 → 2909 Len=41
2	0.000134523	127.0.0.1	127.0.0.1	UDP	45	2909 → 52535 Len=3
▶ Frame 2: 45 bytes on wire (360 bits), 45 bytes captured (360 bits) on interface lo, id 0						
▶ Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)						
▶ Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1						
▶ User Datagram Protocol, Src Port: 2909, Dst Port: 52535						
▶ Data (3 bytes)						
0000	00 00 00 00 00 00 00 00	00 00 00 00 08 00 45 00	.....E.			
0010	00 1f 5d 89 40 00 40 11	df 42 7f 00 00 01 7f 00	..].@. .B.....			
0020	00 01 0b 5d cd 37 00 0b	fe 1e 54 41 4b	...].7...TAK			

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No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	127.0.0.1	127.0.0.1	UDP	102	51178 → 2911 Len=60
2	0.000138043	127.0.0.1	127.0.0.1	UDP	45	2911 → 51178 Len=3
3	0.000223984	127.0.0.1	127.0.0.1	UDP	110	60927 → 2911 Len=68
4	0.000296280	127.0.0.1	127.0.0.1	UDP	45	2911 → 60927 Len=3
▶ Frame 1: 102 bytes on wire (816 bits), 102 bytes captured (816 bits) on interface lo, id 0 ▶ Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00) ▶ Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1 ▶ User Datagram Protocol, Src Port: 51178, Dst Port: 2911 ▶ Data (60 bytes)						
0000	00 00 00 00 00 00 00 00 00 00 00 00 08 00 45 00					.....E.
0010	00 58 fb 41 40 00 40 11 41 51 7f 00 00 01 7f 00					..X.A@.@.AQ.....
0020	00 01 c7 ea 0b 5f 00 44 fe 57 7a 61 64 31 35 6f					....._D..Wzad15o
0030	64 70 41 3b 76 65 72 3b 34 3b 73 72 63 69 70 3b					dpA;ver; 4;srcip;
0040	32 31 32 2e 31 38 32 2e 32 34 2e 32 37 3b 64 73					212.182. 24.27;ds
0050	74 69 70 3b 31 39 32 2e 31 36 38 2e 30 2e 32 3b					tip;192. 168.0.2;
0060	74 79 70 65 3b 36					type;6
No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	127.0.0.1	127.0.0.1	UDP	102	51178 → 2911 Len=60
2	0.000138043	127.0.0.1	127.0.0.1	UDP	45	2911 → 51178 Len=3
3	0.000223984	127.0.0.1	127.0.0.1	UDP	110	60927 → 2911 Len=68
4	0.000296280	127.0.0.1	127.0.0.1	UDP	45	2911 → 60927 Len=3
▶ Frame 2: 45 bytes on wire (360 bits), 45 bytes captured (360 bits) on interface lo, id 0 ▶ Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00) ▶ Destination: 00:00:00_00:00:00 (00:00:00:00:00:00) ▶ Source: 00:00:00_00:00:00 (00:00:00:00:00:00) Type: IPv4 (0x0800) ▶ Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1						
0000	00 00 00 00 00 00 00 00 00 00 00 00 08 00 45 00					.....E.
0010	00 1f 18 b6 40 00 40 11 24 16 7f 00 00 01 7f 00				@.@. \$......
0020	00 01 0b 5f c7 ea 00 0b fe 1e 54 41 4b					..._.....TAK
No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	127.0.0.1	127.0.0.1	UDP	102	51178 → 2911 Len=60
2	0.000138043	127.0.0.1	127.0.0.1	UDP	45	2911 → 51178 Len=3
3	0.000223984	127.0.0.1	127.0.0.1	UDP	110	60927 → 2911 Len=68
4	0.000296280	127.0.0.1	127.0.0.1	UDP	45	2911 → 60927 Len=3
▶ Frame 3: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface lo, id 0 ▶ Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00) ▶ Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1 ▶ User Datagram Protocol, Src Port: 60927, Dst Port: 2911 ▶ Data (68 bytes)						
0000	00 00 00 00 00 00 00 00 00 00 00 00 08 00 45 00					.....E.
0010	00 60 ea 0d 40 00 40 11 52 7d 7f 00 00 01 7f 00					....@.@. R}.....
0020	00 01 ed ff 0b 5f 00 4c fe 5f 7a 61 64 31 35 6f					....._L.._zad15o
0030	64 70 42 3b 73 72 63 70 6f 72 74 3b 32 39 30 30					dpB;srcp ort;2900
0040	3b 64 73 74 70 6f 72 74 3b 34 37 35 32 36 3b 64					;dstport ;47526;d
0050	61 74 61 3b 6e 65 74 77 6f 72 6b 20 70 72 6f 67					ata;netw ork prog
0060	72 61 6d 6d 69 6e 67 20 69 73 20 66 75 6e					ramming is fun
No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	127.0.0.1	127.0.0.1	UDP	102	51178 → 2911 Len=60
2	0.000138043	127.0.0.1	127.0.0.1	UDP	45	2911 → 51178 Len=3
3	0.000223984	127.0.0.1	127.0.0.1	UDP	110	60927 → 2911 Len=68
4	0.000296280	127.0.0.1	127.0.0.1	UDP	45	2911 → 60927 Len=3
▶ Frame 4: 45 bytes on wire (360 bits), 45 bytes captured (360 bits) on interface lo, id 0 ▶ Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00) ▶ Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1 ▶ User Datagram Protocol, Src Port: 2911, Dst Port: 60927 ▶ Data (3 bytes)						
0000	00 00 00 00 00 00 00 00 00 00 00 00 08 00 45 00					.....E.
0010	00 1f 18 b7 40 00 40 11 24 15 7f 00 00 01 7f 00				@.@. \$......
0020	00 01 0b 5f ed ff 00 0b fe 1e 54 41 4b					..._.....TAK