МИНОБРНАУКИ РОССИИ

федеральное государственное бюджетное образовательное учреждение

высшего образования

«Череповецкий государственный университет»

**Лабораторная работа № 5**

**Средства анализа и управления сетями**

**Выполнил:**

студент гр. 1ИВТпб-01-31оп

Климов А.Г.  
**Проверил:** преподаватель

Селяничев О.Л.  
Отметка о зачете:

Череповец

2018 год

Цель работы: изучить средства и возможности анализа сети, особенности использования и применения библиотеки winsock.dll.

**Задание**

Напишите программу «Сетевой монитор». Она должна:

- в реальном времени отслеживать, какие типы пакетов приходят из сети на компьютер, и вести статистику;

- иметь блок анализа содержимого пакета и сигнализации пользователю о том, что встретилась недопустимая комбинация.

При выполнении используйте специальный режим WinSock 2.x, который позволяет перевести сокет в режим прослушивания всех пакетов.

**Текст программы Sniffer.cpp**

#include "stdafx.h"

#include <stdio.h>

#include <winsock2.h>

#include <iostream>

#include <windows.h>

#pragma comment(lib,"ws2\_32.lib") //For winsock

#define SIO\_RCVALL \_WSAIOW(IOC\_VENDOR,1) //this removes the need of mstcpip.h

void StartSniffing(SOCKET Sock); //This will sniff here and there

SYSTEMTIME st;

void ProcessPacket(char\*, int); //This will decide how to digest

void PrintIpHeader(char\*);

void PrintIcmpPacket(char\*, int);

void PrintUdpPacket(char\*, int);

void PrintTcpPacket(char\*, int);

void ConvertToHex(char\*, unsigned int);

void PrintData(char\*, int);

typedef struct ip\_hdr

{

unsigned char ip\_header\_len : 4; // 4-bit header length (in 32-bit words) normally=5 (Means 20 Bytes may be 24 also)

unsigned char ip\_version : 4; // 4-bit IPv4 version

unsigned char ip\_tos; // IP type of service

unsigned short ip\_total\_length; // Total length

unsigned short ip\_id; // Unique identifier

unsigned char ip\_frag\_offset : 5; // Fragment offset field

unsigned char ip\_more\_fragment : 1;

unsigned char ip\_dont\_fragment : 1;

unsigned char ip\_reserved\_zero : 1;

unsigned char ip\_frag\_offset1; //fragment offset

unsigned char ip\_ttl; // Time to live

unsigned char ip\_protocol; // Protocol(TCP,UDP etc)

unsigned short ip\_checksum; // IP checksum

unsigned int ip\_srcaddr; // Source address

unsigned int ip\_destaddr; // Source address

} IPV4\_HDR;

typedef struct udp\_hdr

{

unsigned short source\_port; // Source port no.

unsigned short dest\_port; // Dest. port no.

unsigned short udp\_length; // Udp packet length

unsigned short udp\_checksum; // Udp checksum (optional)

} UDP\_HDR;

// TCP header

typedef struct tcp\_header

{

unsigned short source\_port; // source port

unsigned short dest\_port; // destination port

unsigned int sequence; // sequence number - 32 bits

unsigned int acknowledge; // acknowledgement number - 32 bits

unsigned char ns : 1; //Nonce Sum Flag Added in RFC 3540.

unsigned char reserved\_part1 : 3; //according to rfc

unsigned char data\_offset : 4; /\*The number of 32-bit words in the TCP header.

This indicates where the data begins.

The length of the TCP header is always a multiple

of 32 bits.\*/

unsigned char fin : 1; //Finish Flag

unsigned char syn : 1; //Synchronise Flag

unsigned char rst : 1; //Reset Flag

unsigned char psh : 1; //Push Flag

unsigned char ack : 1; //Acknowledgement Flag

unsigned char urg : 1; //Urgent Flag

unsigned char ecn : 1; //ECN-Echo Flag

unsigned char cwr : 1; //Congestion Window Reduced Flag

////////////////////////////////

unsigned short window; // window

unsigned short checksum; // checksum

unsigned short urgent\_pointer; // urgent pointer

} TCP\_HDR;

typedef struct icmp\_hdr

{

BYTE type; // ICMP Error type

BYTE code; // Type sub code

USHORT checksum;

USHORT id;

USHORT seq;

} ICMP\_HDR;

FILE \*logfile;

int tcp = 0, udp = 0, icmp = 0, others = 0, igmp = 0, total = 0, i, j;

struct sockaddr\_in source, dest;

char hex[2];

//Its free!

IPV4\_HDR \*iphdr;

TCP\_HDR \*tcpheader;

UDP\_HDR \*udpheader;

ICMP\_HDR \*icmpheader;

int main()

{

SOCKET sniffer;

struct in\_addr addr;

int in;

char hostname[100];

struct hostent \*local;

WSADATA wsa;

logfile = fopen("log.txt", "w");

if (logfile == NULL)

{

printf("Unable to create file.");

}

//Initialise Winsock

printf("\nInitialising Winsock...");

if (WSAStartup(MAKEWORD(2, 2), &wsa) != 0)

{

printf("WSAStartup() failed.\n");

return 1;

}

printf("Initialised");

//Create a RAW Socket

printf("\nCreating RAW Socket...");

sniffer = socket(AF\_INET, SOCK\_RAW, IPPROTO\_IP);

if (sniffer == INVALID\_SOCKET)

{

printf("Failed to create raw socket.\n");

return 1;

}

printf("Created.");

//Retrive the local hostname

if (gethostname(hostname, sizeof(hostname)) == SOCKET\_ERROR)

{

printf("Error : %d", WSAGetLastError());

return 1;

}

printf("\nHost name : %s \n", hostname);

//Retrive the available IPs of the local host

local = gethostbyname(hostname);

printf("\nAvailable Network Interfaces : \n");

if (local == NULL)

{

printf("Error : %d.\n", WSAGetLastError());

return 1;

}

for (i = 0; local->h\_addr\_list[i] != 0; ++i)

{

memcpy(&addr, local->h\_addr\_list[i], sizeof(struct in\_addr));

printf("Interface Number : %d Address : %s\n", i, inet\_ntoa(addr));

}

printf("Enter the interface number you would like to sniff : ");

scanf("%d", &in);

memset(&dest, 0, sizeof(dest));

memcpy(&dest.sin\_addr.s\_addr, local->h\_addr\_list[in], sizeof(dest.sin\_addr.s\_addr));

dest.sin\_family = AF\_INET;

dest.sin\_port = 0;

printf("\nBinding socket to local system and port 0 ...");

if (bind(sniffer, (struct sockaddr \*)&dest, sizeof(dest)) == SOCKET\_ERROR)

{

printf("bind(%s) failed.\n", inet\_ntoa(addr));

return 1;

}

printf("Binding successful");

//Enable this socket with the power to sniff : SIO\_RCVALL is the key Receive ALL ;)

j = 1;

printf("\nSetting socket to sniff...");

if (WSAIoctl(sniffer, SIO\_RCVALL, &j, sizeof(j), 0, 0, (LPDWORD)&in, 0, 0) == SOCKET\_ERROR)

{

printf("WSAIoctl() failed.\n");

return 1;

}

printf("Socket set.");

//Begin

printf("\nStarted Sniffing\n");

printf("Packet Capture Statistics...\n");

StartSniffing(sniffer); //Happy Sniffing

//End

closesocket(sniffer);

WSACleanup();

return 0;

}

void StartSniffing(SOCKET sniffer)

{

char \*Buffer = (char \*)malloc(65536); //Its Big!

int mangobyte;

if (Buffer == NULL)

{

printf("malloc() failed.\n");

return;

}

do

{

mangobyte = recvfrom(sniffer, Buffer, 65536, 0, 0, 0); //Eat as much as u can

if (mangobyte > 0)

{

ProcessPacket(Buffer, mangobyte);

}

else

{

printf("recvfrom() failed.\n");

}

} while (mangobyte > 0);

free(Buffer);

}

void ProcessPacket(char\* Buffer, int Size)

{

iphdr = (IPV4\_HDR \*)Buffer;

++total;

switch (iphdr->ip\_protocol) //Check the Protocol and do accordingly...

{

case 1: //ICMP Protocol

++icmp;

PrintIcmpPacket(Buffer, Size);

break;

case 2: //IGMP Protocol

++igmp;

break;

case 6: //TCP Protocol

++tcp;

PrintTcpPacket(Buffer, Size);

break;

case 17: //UDP Protocol

++udp;

PrintUdpPacket(Buffer, Size);

break;

default: //Some Other Protocol like ARP etc.

++others;

break;

}

printf("TCP : %d UDP : %d ICMP : %d IGMP : %d Others : %d Total : %d\r", tcp, udp, icmp, igmp, others, total);

}

void PrintIpHeader(char\* Buffer)

{

unsigned short iphdrlen;

iphdr = (IPV4\_HDR \*)Buffer;

iphdrlen = iphdr->ip\_header\_len \* 4;

memset(&source, 0, sizeof(source));

source.sin\_addr.s\_addr = iphdr->ip\_srcaddr;

memset(&dest, 0, sizeof(dest));

dest.sin\_addr.s\_addr = iphdr->ip\_destaddr;

GetLocalTime(&st);

fprintf(logfile, "\n");

fprintf(logfile, "IP Header\n");

fprintf(logfile, " |-Date & Time : %d-%02d-%02d %02d:%02d:%02d.%03d\n",

st.wYear,

st.wMonth,

st.wDay,

st.wHour,

st.wMinute,

st.wSecond,

st.wMilliseconds);

fprintf(logfile, " |-IP Version : %d\n", (unsigned int)iphdr->ip\_version);

fprintf(logfile, " |-IP Header Length : %d DWORDS or %d Bytes\n", (unsigned int)iphdr->ip\_header\_len, ((unsigned int)(iphdr->ip\_header\_len)) \* 4);

fprintf(logfile, " |-Type Of Service : %d\n", (unsigned int)iphdr->ip\_tos);

fprintf(logfile, " |-IP Total Length : %d Bytes(Size of Packet)\n", ntohs(iphdr->ip\_total\_length));

fprintf(logfile, " |-Identification : %d\n", ntohs(iphdr->ip\_id));

fprintf(logfile, " |-Reserved ZERO Field : %d\n", (unsigned int)iphdr->ip\_reserved\_zero);

fprintf(logfile, " |-Dont Fragment Field : %d\n", (unsigned int)iphdr->ip\_dont\_fragment);

fprintf(logfile, " |-More Fragment Field : %d\n", (unsigned int)iphdr->ip\_more\_fragment);

fprintf(logfile, " |-TTL : %d\n", (unsigned int)iphdr->ip\_ttl);

fprintf(logfile, " |-Protocol : %d\n", (unsigned int)iphdr->ip\_protocol);

fprintf(logfile, " |-Checksum : %d\n", ntohs(iphdr->ip\_checksum));

fprintf(logfile, " |-Source IP : %s\n", inet\_ntoa(source.sin\_addr));

fprintf(logfile, " |-Destination IP : %s\n", inet\_ntoa(dest.sin\_addr));

}

void PrintTcpPacket(char\* Buffer, int Size)

{

unsigned short iphdrlen;

iphdr = (IPV4\_HDR \*)Buffer;

iphdrlen = iphdr->ip\_header\_len \* 4;

tcpheader = (TCP\_HDR\*)(Buffer + iphdrlen);

fprintf(logfile, "\n\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*TCP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n");

PrintIpHeader(Buffer);

fprintf(logfile, "\n");

fprintf(logfile, "TCP Header\n");

fprintf(logfile, " |-Source Port : %u\n", ntohs(tcpheader->source\_port));

fprintf(logfile, " |-Destination Port : %u\n", ntohs(tcpheader->dest\_port));

fprintf(logfile, " |-Sequence Number : %u\n", ntohl(tcpheader->sequence));

fprintf(logfile, " |-Acknowledge Number : %u\n", ntohl(tcpheader->acknowledge));

fprintf(logfile, " |-Header Length : %d DWORDS or %d BYTES\n"

, (unsigned int)tcpheader->data\_offset, (unsigned int)tcpheader->data\_offset \* 4);

fprintf(logfile, " |-CWR Flag : %d\n", (unsigned int)tcpheader->cwr);

fprintf(logfile, " |-ECN Flag : %d\n", (unsigned int)tcpheader->ecn);

fprintf(logfile, " |-Urgent Flag : %d\n", (unsigned int)tcpheader->urg);

fprintf(logfile, " |-Acknowledgement Flag : %d\n", (unsigned int)tcpheader->ack);

fprintf(logfile, " |-Push Flag : %d\n", (unsigned int)tcpheader->psh);

fprintf(logfile, " |-Reset Flag : %d\n", (unsigned int)tcpheader->rst);

fprintf(logfile, " |-Synchronise Flag : %d\n", (unsigned int)tcpheader->syn);

fprintf(logfile, " |-Finish Flag : %d\n", (unsigned int)tcpheader->fin);

fprintf(logfile, " |-Window : %d\n", ntohs(tcpheader->window));

fprintf(logfile, " |-Checksum : %d\n", ntohs(tcpheader->checksum));

fprintf(logfile, " |-Urgent Pointer : %d\n", tcpheader->urgent\_pointer);

fprintf(logfile, "\n");

fprintf(logfile, " DATA Dump ");

fprintf(logfile, "\n");

fprintf(logfile, "IP Header\n");

PrintData(Buffer, iphdrlen);

fprintf(logfile, "TCP Header\n");

PrintData(Buffer + iphdrlen, tcpheader->data\_offset \* 4);

fprintf(logfile, "Data Payload\n");

PrintData(Buffer + iphdrlen + tcpheader->data\_offset \* 4

, (Size - tcpheader->data\_offset \* 4 - iphdr->ip\_header\_len \* 4));

fprintf(logfile, "\n###########################################################");

}

void PrintUdpPacket(char \*Buffer, int Size)

{

unsigned short iphdrlen;

iphdr = (IPV4\_HDR \*)Buffer;

iphdrlen = iphdr->ip\_header\_len \* 4;

udpheader = (UDP\_HDR \*)(Buffer + iphdrlen);

fprintf(logfile, "\n\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n");

PrintIpHeader(Buffer);

fprintf(logfile, "\nUDP Header\n");

fprintf(logfile, " |-Source Port : %d\n", ntohs(udpheader->source\_port));

fprintf(logfile, " |-Destination Port : %d\n", ntohs(udpheader->dest\_port));

fprintf(logfile, " |-UDP Length : %d\n", ntohs(udpheader->udp\_length));

fprintf(logfile, " |-UDP Checksum : %d\n", ntohs(udpheader->udp\_checksum));

fprintf(logfile, "\n");

fprintf(logfile, "IP Header\n");

PrintData(Buffer, iphdrlen);

fprintf(logfile, "UDP Header\n");

PrintData(Buffer + iphdrlen, sizeof(UDP\_HDR));

fprintf(logfile, "Data Payload\n");

PrintData(Buffer + iphdrlen + sizeof(UDP\_HDR), (Size - sizeof(UDP\_HDR) - iphdr->ip\_header\_len \* 4));

fprintf(logfile, "\n###########################################################");

}

void PrintIcmpPacket(char\* Buffer, int Size)

{

unsigned short iphdrlen;

iphdr = (IPV4\_HDR \*)Buffer;

iphdrlen = iphdr->ip\_header\_len \* 4;

icmpheader = (ICMP\_HDR\*)(Buffer + iphdrlen);

fprintf(logfile, "\n\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*ICMP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n");

PrintIpHeader(Buffer);

fprintf(logfile, "\n");

fprintf(logfile, "ICMP Header\n");

fprintf(logfile, " |-Type : %d", (unsigned int)(icmpheader->type));

if ((unsigned int)(icmpheader->type) == 11)

{

fprintf(logfile, " (TTL Expired)\n");

}

else if ((unsigned int)(icmpheader->type) == 0)

{

fprintf(logfile, " (ICMP Echo Reply)\n");

}

fprintf(logfile, " |-Code : %d\n", (unsigned int)(icmpheader->code));

fprintf(logfile, " |-Checksum : %d\n", ntohs(icmpheader->checksum));

fprintf(logfile, " |-ID : %d\n", ntohs(icmpheader->id));

fprintf(logfile, " |-Sequence : %d\n", ntohs(icmpheader->seq));

fprintf(logfile, "\n");

fprintf(logfile, "IP Header\n");

PrintData(Buffer, iphdrlen);

fprintf(logfile, "UDP Header\n");

PrintData(Buffer + iphdrlen, sizeof(ICMP\_HDR));

fprintf(logfile, "Data Payload\n");

PrintData(Buffer + iphdrlen + sizeof(ICMP\_HDR), (Size - sizeof(ICMP\_HDR) - iphdr->ip\_header\_len \* 4));

fprintf(logfile, "\n###########################################################");

}

/\*

Print the hex values of the data

\*/

void PrintData(char\* data, int Size)

{

char a, line[17], c;

int j;

//loop over each character and print

for (i = 0; i < Size; i++)

{

c = data[i];

//Print the hex value for every character , with a space. Important to make unsigned

fprintf(logfile, " %.2x", (unsigned char)c);

//Add the character to data line. Important to make unsigned

a = (c >= 32 && c <= 128) ? (unsigned char)c : '.';

line[i % 16] = a;

//if last character of a line , then print the line - 16 characters in 1 line

if ((i != 0 && (i + 1) % 16 == 0) || i == Size - 1)

{

line[i % 16 + 1] = '\0';

//print a big gap of 10 characters between hex and characters

fprintf(logfile, " ");

//Print additional spaces for last lines which might be less than 16 characters in length

for (j = strlen(line); j < 16; j++)

{

fprintf(logfile, " ");

}

fprintf(logfile, "%s \n", line);

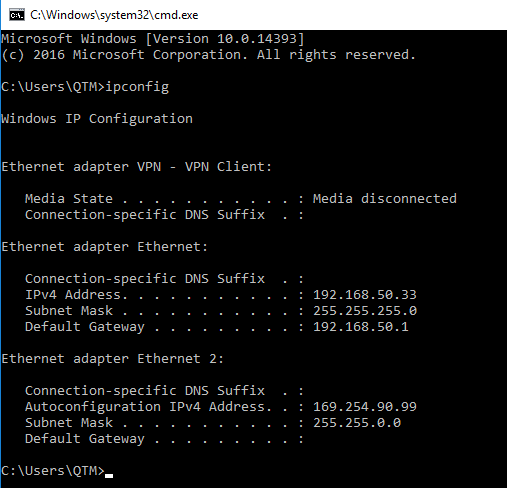
}

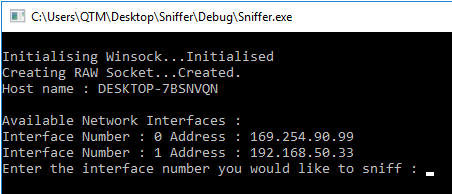
}

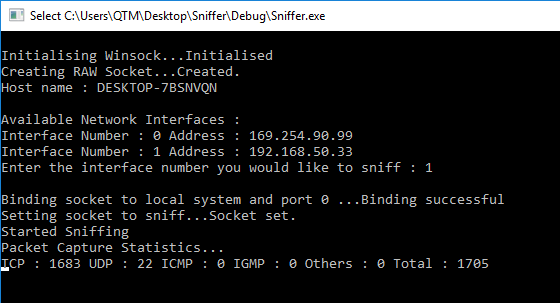
fprintf(logfile, "\n");

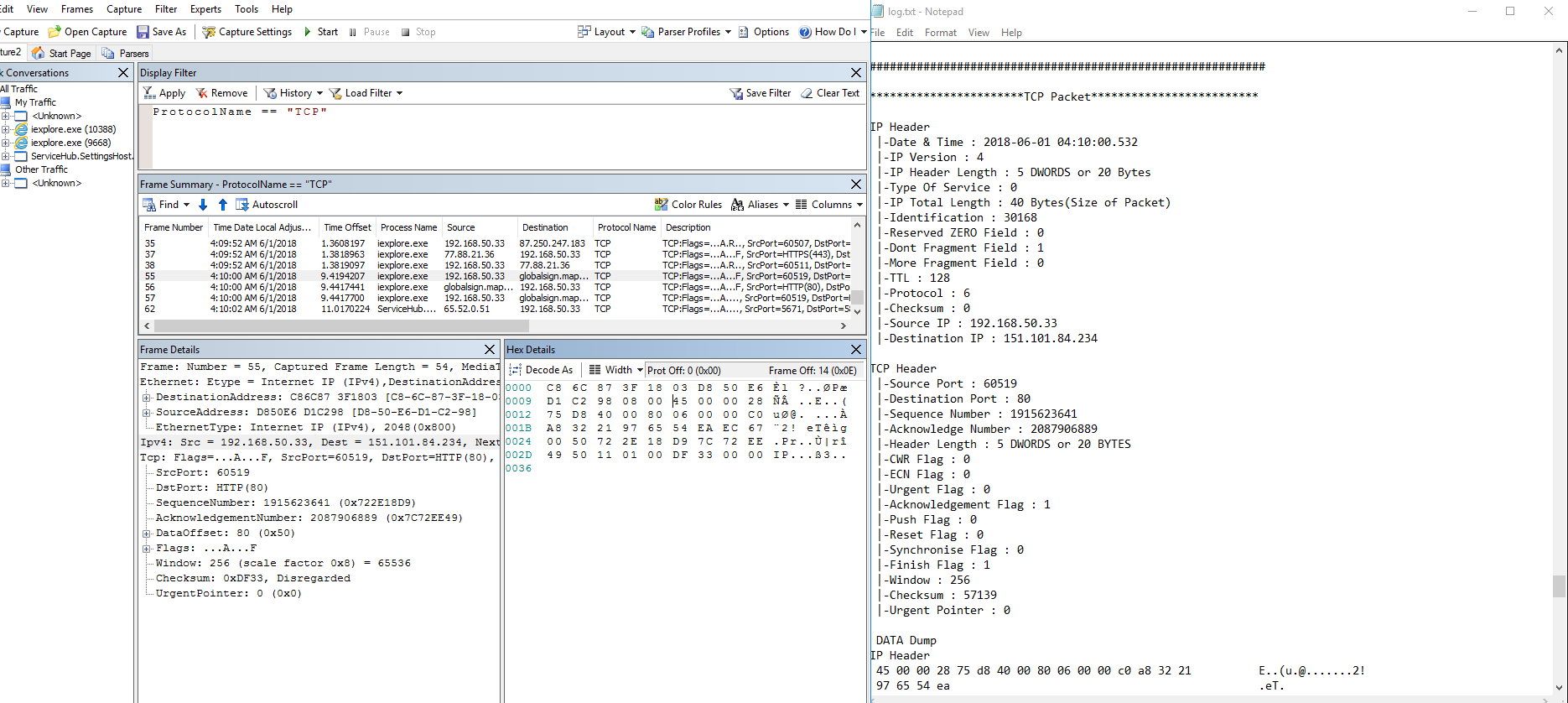
}

Тестирование









Содержимое файла log.txt:

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:52.651

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 202 Bytes(Size of Packet)

|-Identification : 25379

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 1

|-Protocol : 17

|-Checksum : 29498

|-Source IP : 192.168.50.35

|-Destination IP : 239.255.255.250

UDP Header

|-Source Port : 55378

|-Destination Port : 1900

|-UDP Length : 182

|-UDP Checksum : 13387

IP Header

45 00 00 ca 63 23 00 00 01 11 73 3a c0 a8 32 23 E...c#....s:..2#

ef ff ff fa ....

UDP Header

d8 52 07 6c 00 b6 34 4b .R.l..4K

Data Payload

4d 2d 53 45 41 52 43 48 20 2a 20 48 54 54 50 2f M-SEARCH \* HTTP/

31 2e 31 0d 0a 48 4f 53 54 3a 20 32 33 39 2e 32 1.1..HOST: 239.2

35 35 2e 32 35 35 2e 32 35 30 3a 31 39 30 30 0d 55.255.250:1900.

0a 4d 41 4e 3a 20 22 73 73 64 70 3a 64 69 73 63 .MAN: "ssdp:disc

6f 76 65 72 22 0d 0a 4d 58 3a 20 31 0d 0a 53 54 over"..MX: 1..ST

3a 20 75 72 6e 3a 64 69 61 6c 2d 6d 75 6c 74 69 : urn:dial-multi

73 63 72 65 65 6e 2d 6f 72 67 3a 73 65 72 76 69 screen-org:servi

63 65 3a 64 69 61 6c 3a 31 0d 0a 55 53 45 52 2d ce:dial:1..USER-

41 47 45 4e 54 3a 20 47 6f 6f 67 6c 65 20 43 68 AGENT: Google Ch

72 6f 6d 65 2f 36 36 2e 30 2e 33 33 35 39 2e 31 rome/66.0.3359.1

38 31 20 57 69 6e 64 6f 77 73 0d 0a 0d 0a 81 Windows....

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:52.799

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8470

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 16 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 63 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xc.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 54 34 36 4f ...T46O

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:52.799

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8470

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 16 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 63 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xc.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 54 34 36 4f ...T46O

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:53.651

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 202 Bytes(Size of Packet)

|-Identification : 25480

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 1

|-Protocol : 17

|-Checksum : 29397

|-Source IP : 192.168.50.35

|-Destination IP : 239.255.255.250

UDP Header

|-Source Port : 55378

|-Destination Port : 1900

|-UDP Length : 182

|-UDP Checksum : 13387

IP Header

45 00 00 ca 63 88 00 00 01 11 72 d5 c0 a8 32 23 E...c.....r...2#

ef ff ff fa ....

UDP Header

d8 52 07 6c 00 b6 34 4b .R.l..4K

Data Payload

4d 2d 53 45 41 52 43 48 20 2a 20 48 54 54 50 2f M-SEARCH \* HTTP/

31 2e 31 0d 0a 48 4f 53 54 3a 20 32 33 39 2e 32 1.1..HOST: 239.2

35 35 2e 32 35 35 2e 32 35 30 3a 31 39 30 30 0d 55.255.250:1900.

0a 4d 41 4e 3a 20 22 73 73 64 70 3a 64 69 73 63 .MAN: "ssdp:disc

6f 76 65 72 22 0d 0a 4d 58 3a 20 31 0d 0a 53 54 over"..MX: 1..ST

3a 20 75 72 6e 3a 64 69 61 6c 2d 6d 75 6c 74 69 : urn:dial-multi

73 63 72 65 65 6e 2d 6f 72 67 3a 73 65 72 76 69 screen-org:servi

63 65 3a 64 69 61 6c 3a 31 0d 0a 55 53 45 52 2d ce:dial:1..USER-

41 47 45 4e 54 3a 20 47 6f 6f 67 6c 65 20 43 68 AGENT: Google Ch

72 6f 6d 65 2f 36 36 2e 30 2e 33 33 35 39 2e 31 rome/66.0.3359.1

38 31 20 57 69 6e 64 6f 77 73 0d 0a 0d 0a 81 Windows....

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:53.799

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8471

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 17 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 64 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xd.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 c0 85 03 e3 .......

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:53.799

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8471

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 17 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 64 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xd.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 c0 85 03 e3 .......

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:54.651

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 202 Bytes(Size of Packet)

|-Identification : 25582

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 1

|-Protocol : 17

|-Checksum : 29295

|-Source IP : 192.168.50.35

|-Destination IP : 239.255.255.250

UDP Header

|-Source Port : 55378

|-Destination Port : 1900

|-UDP Length : 182

|-UDP Checksum : 13387

IP Header

45 00 00 ca 63 ee 00 00 01 11 72 6f c0 a8 32 23 E...c.....ro..2#

ef ff ff fa ....

UDP Header

d8 52 07 6c 00 b6 34 4b .R.l..4K

Data Payload

4d 2d 53 45 41 52 43 48 20 2a 20 48 54 54 50 2f M-SEARCH \* HTTP/

31 2e 31 0d 0a 48 4f 53 54 3a 20 32 33 39 2e 32 1.1..HOST: 239.2

35 35 2e 32 35 35 2e 32 35 30 3a 31 39 30 30 0d 55.255.250:1900.

0a 4d 41 4e 3a 20 22 73 73 64 70 3a 64 69 73 63 .MAN: "ssdp:disc

6f 76 65 72 22 0d 0a 4d 58 3a 20 31 0d 0a 53 54 over"..MX: 1..ST

3a 20 75 72 6e 3a 64 69 61 6c 2d 6d 75 6c 74 69 : urn:dial-multi

73 63 72 65 65 6e 2d 6f 72 67 3a 73 65 72 76 69 screen-org:servi

63 65 3a 64 69 61 6c 3a 31 0d 0a 55 53 45 52 2d ce:dial:1..USER-

41 47 45 4e 54 3a 20 47 6f 6f 67 6c 65 20 43 68 AGENT: Google Ch

72 6f 6d 65 2f 36 36 2e 30 2e 33 33 35 39 2e 31 rome/66.0.3359.1

38 31 20 57 69 6e 64 6f 77 73 0d 0a 0d 0a 81 Windows....

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:54.789

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8472

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 18 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 65 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xe.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 9c d5 bf da .......

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:54.789

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8472

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 18 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 65 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xe.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 9c d5 bf da .......

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:55.653

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 202 Bytes(Size of Packet)

|-Identification : 25683

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 1

|-Protocol : 17

|-Checksum : 29194

|-Source IP : 192.168.50.35

|-Destination IP : 239.255.255.250

UDP Header

|-Source Port : 55378

|-Destination Port : 1900

|-UDP Length : 182

|-UDP Checksum : 13387

IP Header

45 00 00 ca 64 53 00 00 01 11 72 0a c0 a8 32 23 E...dS....r...2#

ef ff ff fa ....

UDP Header

d8 52 07 6c 00 b6 34 4b .R.l..4K

Data Payload

4d 2d 53 45 41 52 43 48 20 2a 20 48 54 54 50 2f M-SEARCH \* HTTP/

31 2e 31 0d 0a 48 4f 53 54 3a 20 32 33 39 2e 32 1.1..HOST: 239.2

35 35 2e 32 35 35 2e 32 35 30 3a 31 39 30 30 0d 55.255.250:1900.

0a 4d 41 4e 3a 20 22 73 73 64 70 3a 64 69 73 63 .MAN: "ssdp:disc

6f 76 65 72 22 0d 0a 4d 58 3a 20 31 0d 0a 53 54 over"..MX: 1..ST

3a 20 75 72 6e 3a 64 69 61 6c 2d 6d 75 6c 74 69 : urn:dial-multi

73 63 72 65 65 6e 2d 6f 72 67 3a 73 65 72 76 69 screen-org:servi

63 65 3a 64 69 61 6c 3a 31 0d 0a 55 53 45 52 2d ce:dial:1..USER-

41 47 45 4e 54 3a 20 47 6f 6f 67 6c 65 20 43 68 AGENT: Google Ch

72 6f 6d 65 2f 36 36 2e 30 2e 33 33 35 39 2e 31 rome/66.0.3359.1

38 31 20 57 69 6e 64 6f 77 73 0d 0a 0d 0a 81 Windows....

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:55.802

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8473

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 19 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 66 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xf.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 78 25 7b 90 ...x%{.

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:55.803

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8473

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 19 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 66 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xf.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 78 25 7b 90 ...x%{.

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:56.788

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8474

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 1a 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 67 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xg.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 24 75 c7 a9 ...$u..

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:56.790

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8474

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 1a 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 67 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xg.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 24 75 c7 a9 ...$u..

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:57.792

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8475

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 1b 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 68 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xh.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 11 40 61 13 ....@a.

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:57.793

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8475

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 1b 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 68 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xh.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 11 40 61 13 ....@a.

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:58.793

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8476

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 1c 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 69 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xi.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 4d 10 dd 2a ...M..\*

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:58.793

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8476

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 1c 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 69 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xi.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 4d 10 dd 2a ...M..\*

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:59.796

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8477

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 1d 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 6a 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xj.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 a9 e0 19 60 ......`

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:09:59.797

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8477

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 1d 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 6a 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xj.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 a9 e0 19 60 ......`

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*TCP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:10:00.532

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 40 Bytes(Size of Packet)

|-Identification : 30168

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 1

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 6

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 151.101.84.234

TCP Header

|-Source Port : 60519

|-Destination Port : 80

|-Sequence Number : 1915623641

|-Acknowledge Number : 2087906889

|-Header Length : 5 DWORDS or 20 BYTES

|-CWR Flag : 0

|-ECN Flag : 0

|-Urgent Flag : 0

|-Acknowledgement Flag : 1

|-Push Flag : 0

|-Reset Flag : 0

|-Synchronise Flag : 0

|-Finish Flag : 1

|-Window : 256

|-Checksum : 57139

|-Urgent Pointer : 0

DATA Dump

IP Header

45 00 00 28 75 d8 40 00 80 06 00 00 c0 a8 32 21 E..(u.@.......2!

97 65 54 ea .eT.

TCP Header

ec 67 00 50 72 2e 18 d9 7c 72 ee 49 50 11 01 00 .g.Pr...|r.IP...

df 33 00 00 .3..

Data Payload

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*TCP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:10:00.554

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 40 Bytes(Size of Packet)

|-Identification : 30169

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 1

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 6

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 151.101.84.234

TCP Header

|-Source Port : 60519

|-Destination Port : 80

|-Sequence Number : 1915623642

|-Acknowledge Number : 2087906890

|-Header Length : 5 DWORDS or 20 BYTES

|-CWR Flag : 0

|-ECN Flag : 0

|-Urgent Flag : 0

|-Acknowledgement Flag : 1

|-Push Flag : 0

|-Reset Flag : 0

|-Synchronise Flag : 0

|-Finish Flag : 0

|-Window : 256

|-Checksum : 57139

|-Urgent Pointer : 0

DATA Dump

IP Header

45 00 00 28 75 d9 40 00 80 06 00 00 c0 a8 32 21 E..(u.@.......2!

97 65 54 ea .eT.

TCP Header

ec 67 00 50 72 2e 18 da 7c 72 ee 4a 50 10 01 00 .g.Pr...|r.JP...

df 33 00 00 .3..

Data Payload

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:10:00.803

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8478

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 1e 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 6b 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xk.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 f5 b0 a5 59 ......Y

###########################################################

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UDP Packet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

IP Header

|-Date & Time : 2018-06-01 04:10:00.804

|-IP Version : 4

|-IP Header Length : 5 DWORDS or 20 Bytes

|-Type Of Service : 0

|-IP Total Length : 291 Bytes(Size of Packet)

|-Identification : 8478

|-Reserved ZERO Field : 0

|-Dont Fragment Field : 0

|-More Fragment Field : 0

|-TTL : 128

|-Protocol : 17

|-Checksum : 0

|-Source IP : 192.168.50.33

|-Destination IP : 192.168.50.255

UDP Header

|-Source Port : 54915

|-Destination Port : 54915

|-UDP Length : 271

|-UDP Checksum : 59281

IP Header

45 00 01 23 21 1e 00 00 80 11 00 00 c0 a8 32 21 E..#!.........2!

c0 a8 32 ff ..2.

UDP Header

d6 83 d6 83 01 0f e7 91 ........

Data Payload

00 44 45 53 4b 54 4f 50 2d 37 42 53 4e 56 51 4e .DESKTOP-7BSNVQN

00 b3 1f 02 e5 00 00 00 00 00 00 00 00 00 00 00 ................

33 27 00 00 00 00 00 00 10 76 fb 77 d8 02 00 00 3'.......v.w....

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 7c 6a d6 71 00 00 00 00 ........|j.q....

d0 a4 84 72 00 00 00 00 29 b8 1f 02 e5 00 00 00 ...r....).......

00 00 00 00 00 00 00 00 90 be e5 78 d8 02 00 00 ...........x....

74 b4 1f 02 e5 00 00 00 90 b4 1f 02 e5 00 00 00 t...............

78 6b 8c 7b 64 36 35 37 37 64 64 63 2d 63 62 33 xk.{d6577ddc-cb3

63 2d 34 34 65 61 2d 61 39 66 33 2d 62 38 38 61 c-44ea-a9f3-b88a

34 39 37 34 37 38 31 36 7d 00 00 00 00 00 00 00 49747816}.......

01 00 00 00 d8 02 00 00 70 b4 1f 02 e5 00 00 00 ........p.......

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ................

00 00 00 f5 b0 a5 59 ......Y

###########################################################