

PKS - cvičenie 1

Jednotlivé príkazy a prepínačom si vyskúšajte a napíšte ich funkciu. Pri ich použití sledujte prebiehajúcu komunikáciu cez Wireshark.

```
ipconfig
ipconfig -?
ipconfig -all
ipconfig -release
ipconfig -renew
ipconfig -displaydns
ipconfig -flushdns
```

```
netsh interface ipv4 set address name="Local Area Connection 4" source=dhcp
netsh interface ipv4 set address name="INTERFACE NAME" static IP_ADDRESS
SUBNET_MASK GATEWAY
netsh interface ip add dnsserver "INTERFACE NAME" DNS_IP
```

```
arp
arp -a
arp -d *
```

```
ping
ping stuba.sk
ping stuba.sk -t
ping stuba.sk -n
ping stuba.sk -l
ping stuba.sk -f
ping stuba.sk -f -l
ping stuba.sk -i
ping stuba.sk -w
```

```
tracert
tracert -h
tracert -w
```

```
netstat -h
netstat -a
netstat -a -n
netstat -r
```

```
nslookup stuba.sk
nslookup stuba.sk 208.67.220.220
```

00	04	76	13	97	df	00	00	c0	d7	80	c2	00	5a	e0	e0
03	ff	ff	00	56	00	04	00	00	00	98	00	04	76	13	97
df	04	55	00	00	00	98	00	00	c0	d7	80	c2	04	55	41
06	25	40	ff	ff	00	00	26	00	00	00	26	00	00	00	01
00	41	41	2d	44	44	34	50	5a	32	56	31	50	47	35	56
00	45	4e	49	47	4d	41	20	20	20	20	20	20	20	20	20
20	a9	05	15	00	09	00	00								

00	04	76	a4	e4	8c	00	00	c0	d7	80	c2	08	00	45	00
01	b0	08	9f	40	00	80	06	2d	69	93	af	62	ee	45	38
87	6a	04	54	00	50	77	4d	60	d0	39	8e	41	a8	50	18
44	70	64	56	00	00	47	45	54	20	2f	20	48	54	54	50
2f	31	2e	31	0d	0a	41	63	63	65	70	74	3a	20	69	6d
61	67	65	2f	67	69	66	2c	20	69	6d	61	67	65	2f	78
2d	78	62	69	74	6d	61	70	2c	20	69	6d	61	67	65	2f
6a	70	65	67	2c	20	69	6d	61	67	65	2f	70	6a	70	65

00	00	c0	d7	80	c2	00	04	76	a4	e4	8c	08	00	45	00
00	30	00	00	40	00	2a	06	8d	88	45	38	87	6a	93	af
62	ee	00	50	04	55	39	dc	a1	bf	77	51	88	39	70	12
16	d0	c9	33	00	00	02	04	05	b4	01	01	04	02		

ff	ff	ff	ff	ff	ff	08	00	09	2a	2b	ae	00	64	e0	e0
03	ff	ff	00	60	00	00	00	00	00	02	ff	ff	ff	ff	ff

ff	ff	ff	ff	ff	ff	00	04	76	a4	e4	8c	08	06	00	01
08	00	06	04	00	01	00	04	76	a4	e4	8c	93	af	62	01
00	00	00	00	00	00	93	af	62	c2	00	00	00	00	00	00
00	00	00	00	00	00	00	00	00	00	00	00				

00	05	02	f4	3a	6f	00	00	0c	0c	1f	64	00	27	aa	aa
03	08	00	07	80	9b	08	1f	f2	9b	11	42	11	50	ed	fc