

MAC вывод физических адресов устройств

Нужно посмотреть, какие MAC-адреса висят за тем или иным интерфейсом маршрутизатора.

ip arp print – показать arp таблицу

```
> ip arp p
```

Flags: X - disabled, I - invalid, H - DHCP, D - dynamic, P - published, C - complete

#		ADDRESS	MAC-ADDRESS	INTERFACE
0	C	192.168.1.41	54:04:A6:35:A3:B6	bridge
1	HDC	192.168.1.251	04:D9:F5:61:1E:83	bridge
2	HDC	192.168.1.57	26:E6:3B:C4:6F:3E	bridge
3	HDC	192.168.1.55	B4:4C:3B:CF:B9:FF	bridge
4	HDC	192.168.1.59	A2:DA:C2:BF:81:6A	bridge
5	HDC	192.168.1.52	F4:7D:EF:88:5B:25	bridge
6	HDC	192.168.1.54	C4:3A:35:00:9C:71	bridge
7	HDC	192.168.1.53	E2:E5:75:A4:AD:DA	bridge
8	HDC	192.168.1.51	1E:33:02:54:FD:32	bridge
9	HDC	192.168.1.45	90:2B:34:78:1F:B3	bridge
10	HDC	192.168.1.56	84:C9:B2:7F:4E:A6	bridge
11	HDC	192.168.1.35	54:04:A6:DE:1C:AB	bridge
12	HDC	192.168.1.46	1E:7F:E8:42:AB:B1	bridge
13	DC	192.168.1.30	2C:C8:1B:25:FE:D3	bridge
14	DC	94.158.83.1	00:00:5E:00:53:55	ether1
15	HDC	192.168.1.254	80:56:F2:C2:51:F3	bridge

interface bridge host print – покажет все, что есть за соответствующим интерфейсом.

```
> interface bridge host print
```

Flags: X - disabled, I - invalid, D - dynamic, L - local, E - external

#		MAC-ADDRESS	VID	ON-INTERFACE	BRIDGE
AGE					
0	DE	04:D9:F5:61:1E:83		ether2	bridge
1	D	1E:33:02:54:FD:32		2G-ASUS-1	bridge
20s					

2	D	1E:7F:E8:42:AB:B1	2G-Divan-1	bridge	
3m36s					
3	D	26:E6:3B:C4:6F:3E	2G-Divan-1	bridge	2s
4	DE	2C:C8:1B:25:FE:D3	ether5	bridge	
5	DE	2C:C8:1B:25:FE:D6	ether5	bridge	
6	DL	2C:C8:1B:25:FE:D8	2G-Divan-1	bridge	
7	DE	54:04:A6:35:A3:B6	ether4	bridge	
8	D	80:56:F2:C2:51:F3	2G-Divan-1	bridge	1s
9	D	A2:DA:C2:BF:81:6A	2G-ASUS-1	bridge	
13s					
10	D	B4:4C:3B:CF:B9:FF	2G-ASUS-1	bridge	3s
11	D	C4:3A:35:00:9C:71	2G-ASUS-1	bridge	2s
12	DL	DC:2C:6E:EC:01:B4	bridge	bridge	
13	DL	DC:2C:6E:EC:01:B6	ether4	bridge	
14	DL	DC:2C:6E:EC:01:B7	ether5	bridge	
15	DL	DC:2C:6E:EC:01:B8	2G-ASUS-1	bridge	
16	DL	DC:2C:6E:EC:01:B9	5G-ASUS-1	bridge	
17	D	E2:E5:75:A4:AD:DA	2G-Divan-1	bridge	
51s					
18	D	F4:7D:EF:88:5B:25	5G-ASUS-1	bridge	
1m48s					

interface ethernet print — покажет MAC-адреса физических интерфейсов Микротика

```
> interface ethernet print
Flags: X - disabled, R - running, S - slave
#    NAME    MTU    MAC-ADDRESS    ARP    SWITCH
0 R  ether1   1500    10:7B:EF:54:85:19  enabled  switch1
1 RS ether2   1500    DC:2C:6E:EC:01:B4  enabled  switch1
2 S  ether3   1500    DC:2C:6E:EC:01:B5  enabled  switch1
3 RS ether4   1500    DC:2C:6E:EC:01:B6  enabled  switch1
4 RS ether5   1500    DC:2C:6E:EC:01:B7  enabled  switch1
```

interface ethernet switch host print — выводит таблицу хостов за Ethernet-интерфейсами:

```
> interface ethernet switch host print
Flags: D - dynamic, I - invalid
#    SWITCH    MAC-ADDRESS    PORTS    TIMEOUT    DROP
MIRROR VLAN-ID
0   D switch1    B4:4C:3B:CF:B9:FF  switch1-cpu  3m30s    no
```

no	1					
1	D	switch1	80:56:F2:C2:51:F3	switch1-cpu	3m30s	no
no	1					
2	D	switch1	04:D9:F5:61:1E:83	ether2	3m30s	no
no	1					
3	D	switch1	1E:33:02:54:FD:32	switch1-cpu	3m	no
no	1					
4	D	switch1	C4:3A:35:00:9C:71	switch1-cpu	3m30s	no
no	1					
5	D	switch1	2C:C8:1B:25:FE:D3	ether5	3m30s	no
no	1					
6	D	switch1	2C:C8:1B:25:FE:D6	ether5	3m30s	no
no	1					
7	D	switch1	26:E6:3B:C4:6F:3E	switch1-cpu	3m30s	no
no	1					
8	D	switch1	DC:2C:6E:EC:01:B4	switch1-cpu	3m30s	no
no	1					
9	D	switch1	01:80:C2:00:00:00		7m30s	no
no	1					
10	D	switch1	54:04:A6:35:A3:B6	ether4	3m30s	no
no	1					
11	D	switch1	A2:DA:C2:BF:81:6A	switch1-cpu	2m	no
no	1					