Organization: Micronet
Prezentator: Davit Sikharulidze
Job: CEO In Micronet

Using MikroTik from 2008
Organization was founded in February of 2008

Our Main Inventory

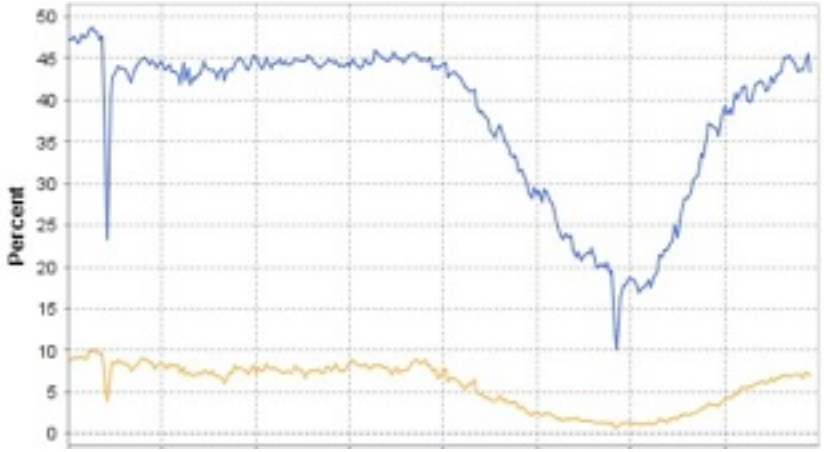
Switch 24 ports with 1 gbps speed each
5 pcs of Supermicro Server with Hardware Configuration
2 X Quadcore Processors
8 GB RAM
500 GB HDD
2 X Nics 1 gbps each

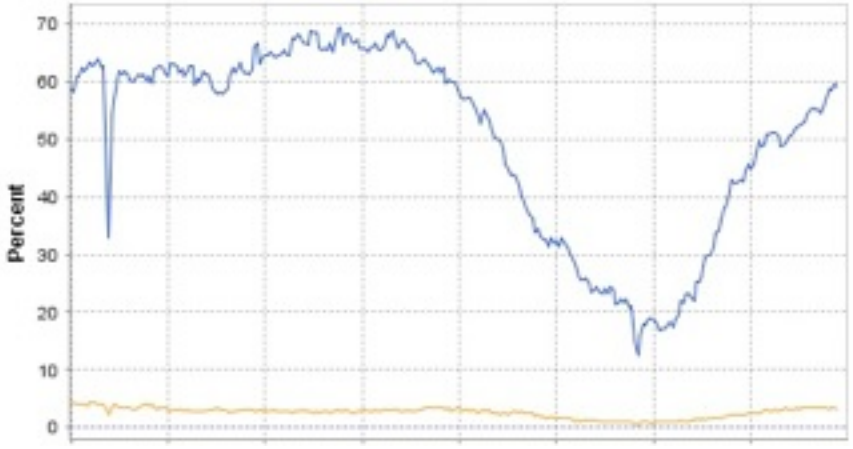
Running Services On Server

Server 1

1. Tunnel Server (All connections from different places are coming here)
2. Client Server

Tunnel and Client Server CPU Load with traffic 300 mbps





Server 2

1. Linux (Cent OS) For billing.
2. Elastix
3. Dude

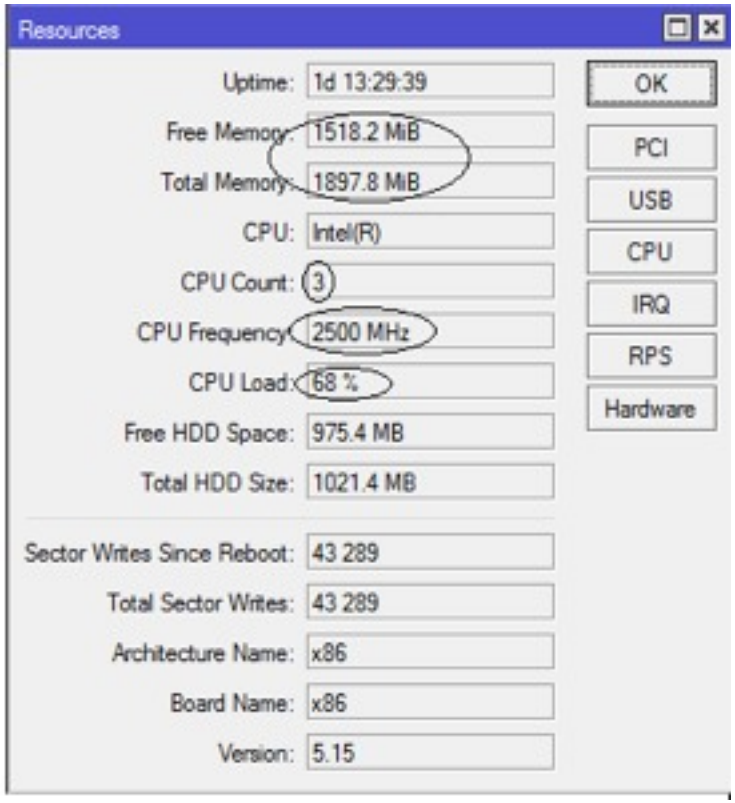
Server 3

1. BGP Server
2. Management Server

BGP

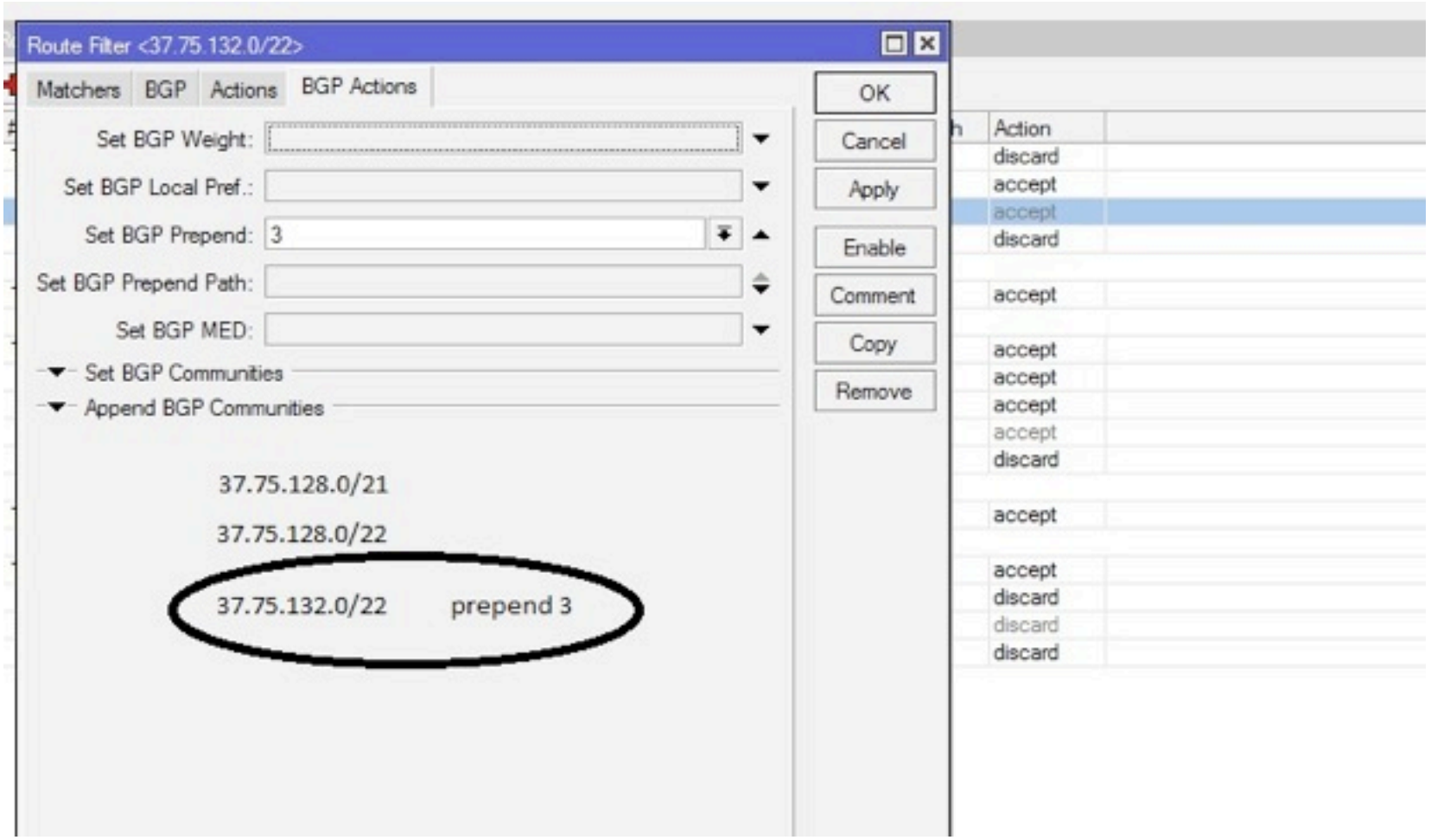
Border Gateway Protocol

Our Usage On BGP Server

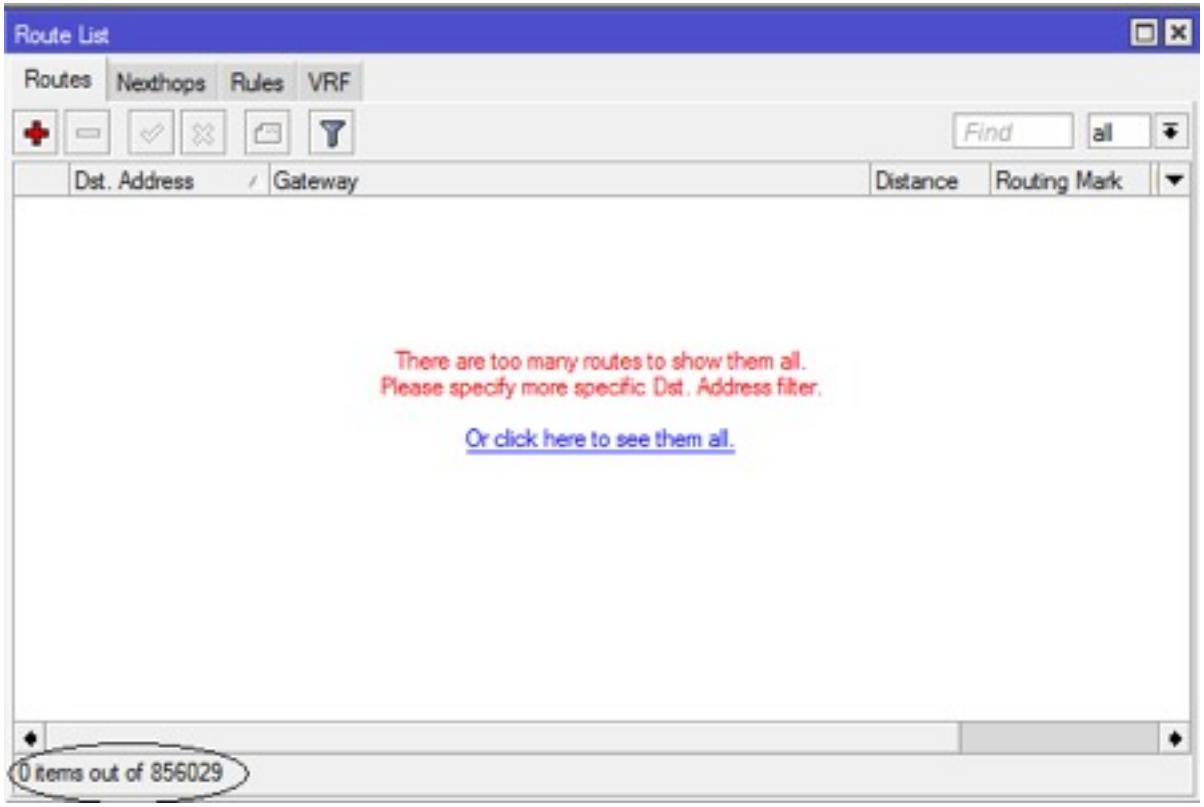


Resources for BGP Server

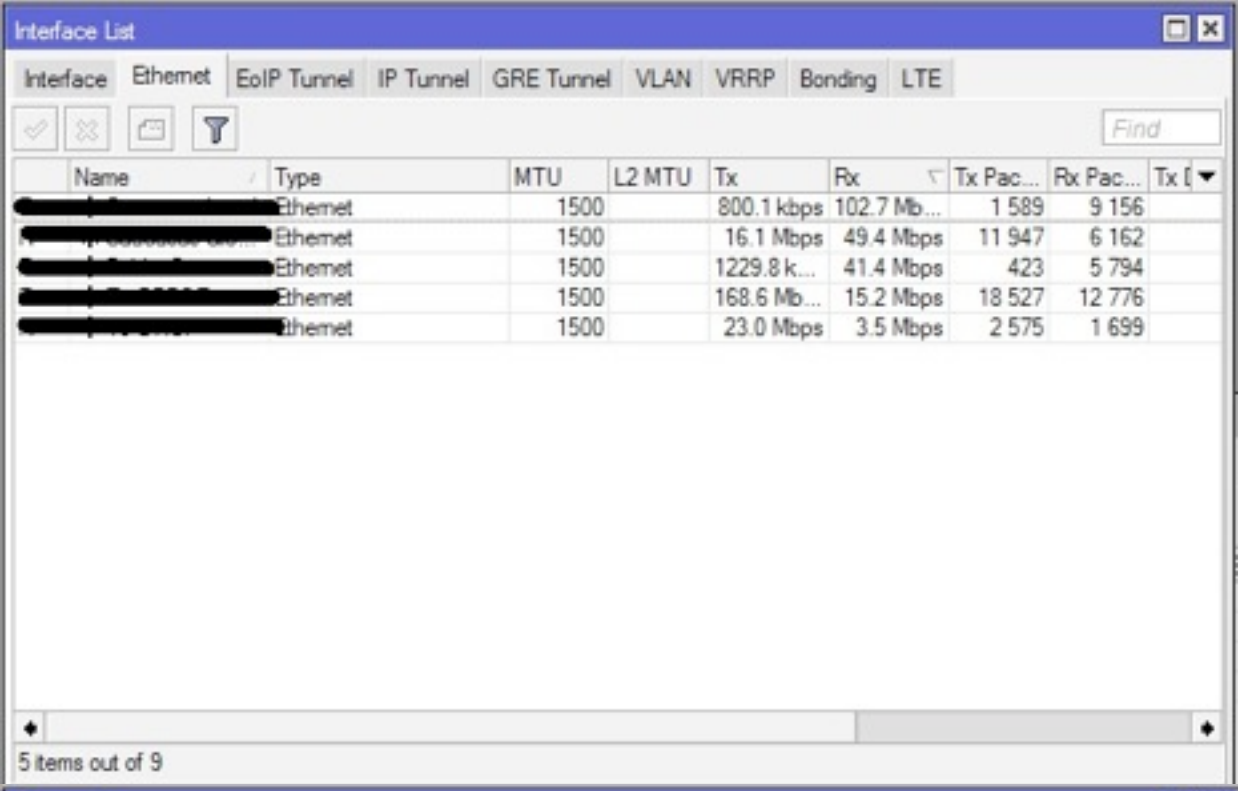
BGP Load Balancing



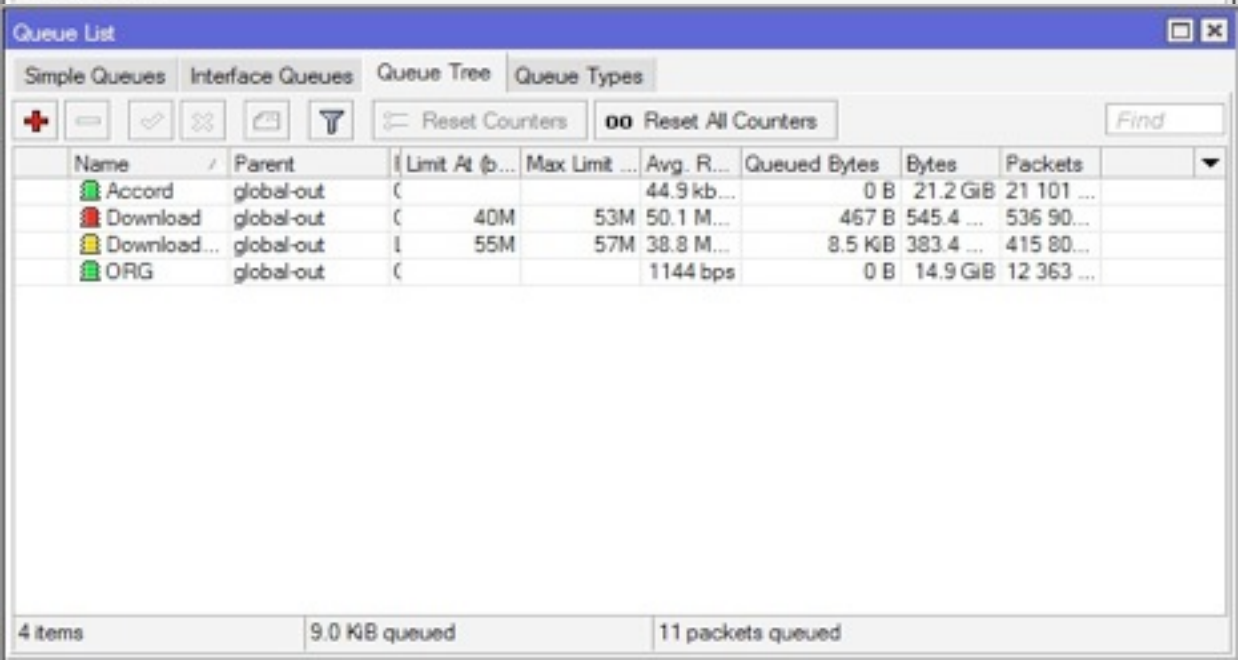
Our Usage On BGP Server



We have 856023 Records

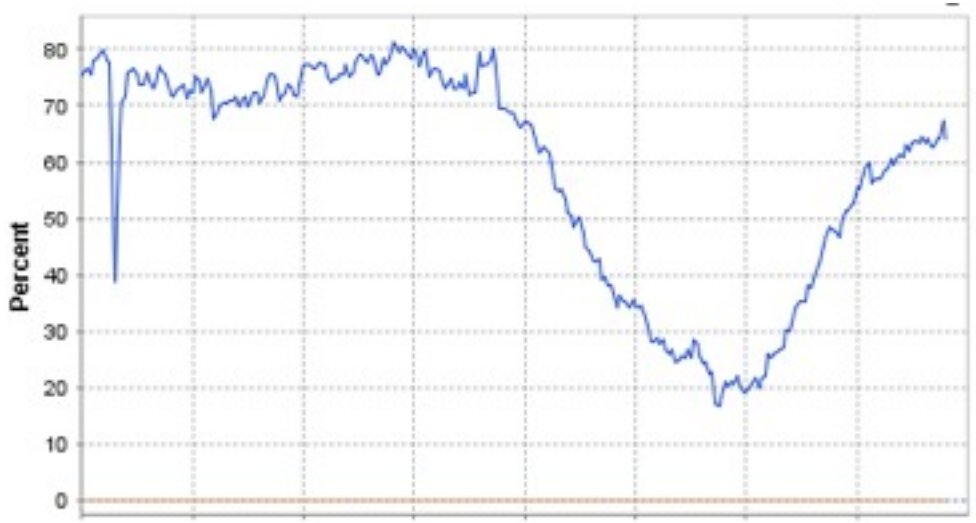


About 300 mbps Traffic

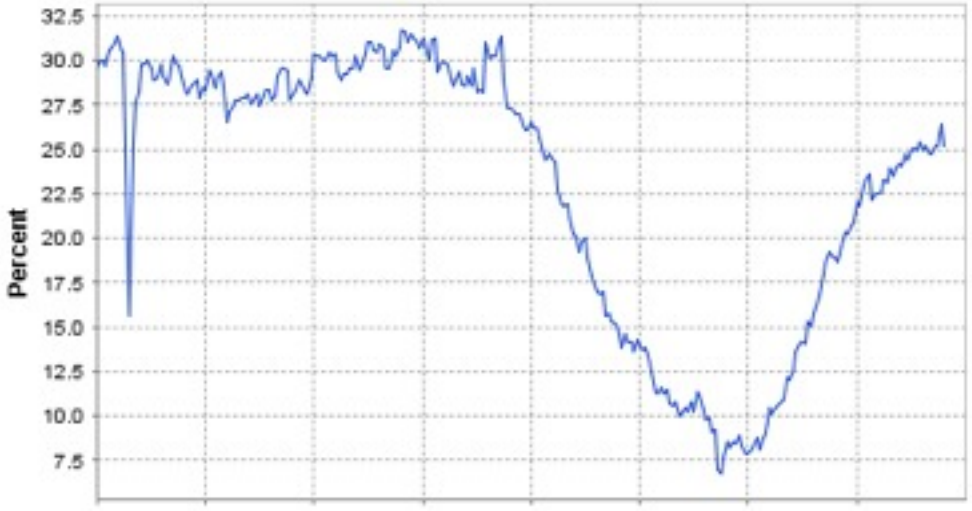


Queues for Global Limiting

CPU Load Of Virtual Machine Running BGP Server



CPU Load Of Server Running Virtual Machines



Price Compare

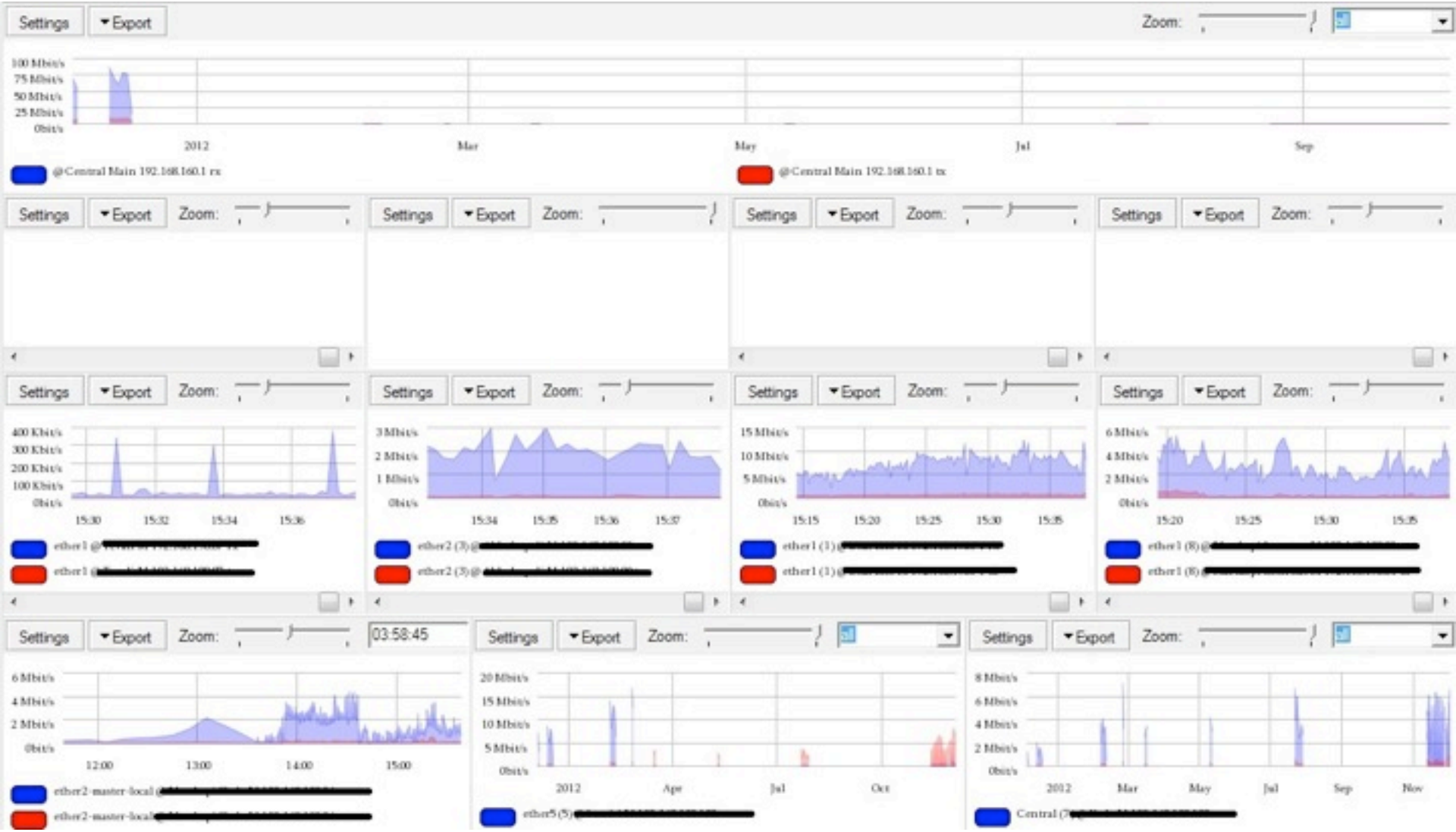
Our Option Cost is about 6000$

The same solution with CISCO or with other brand with the same throughput

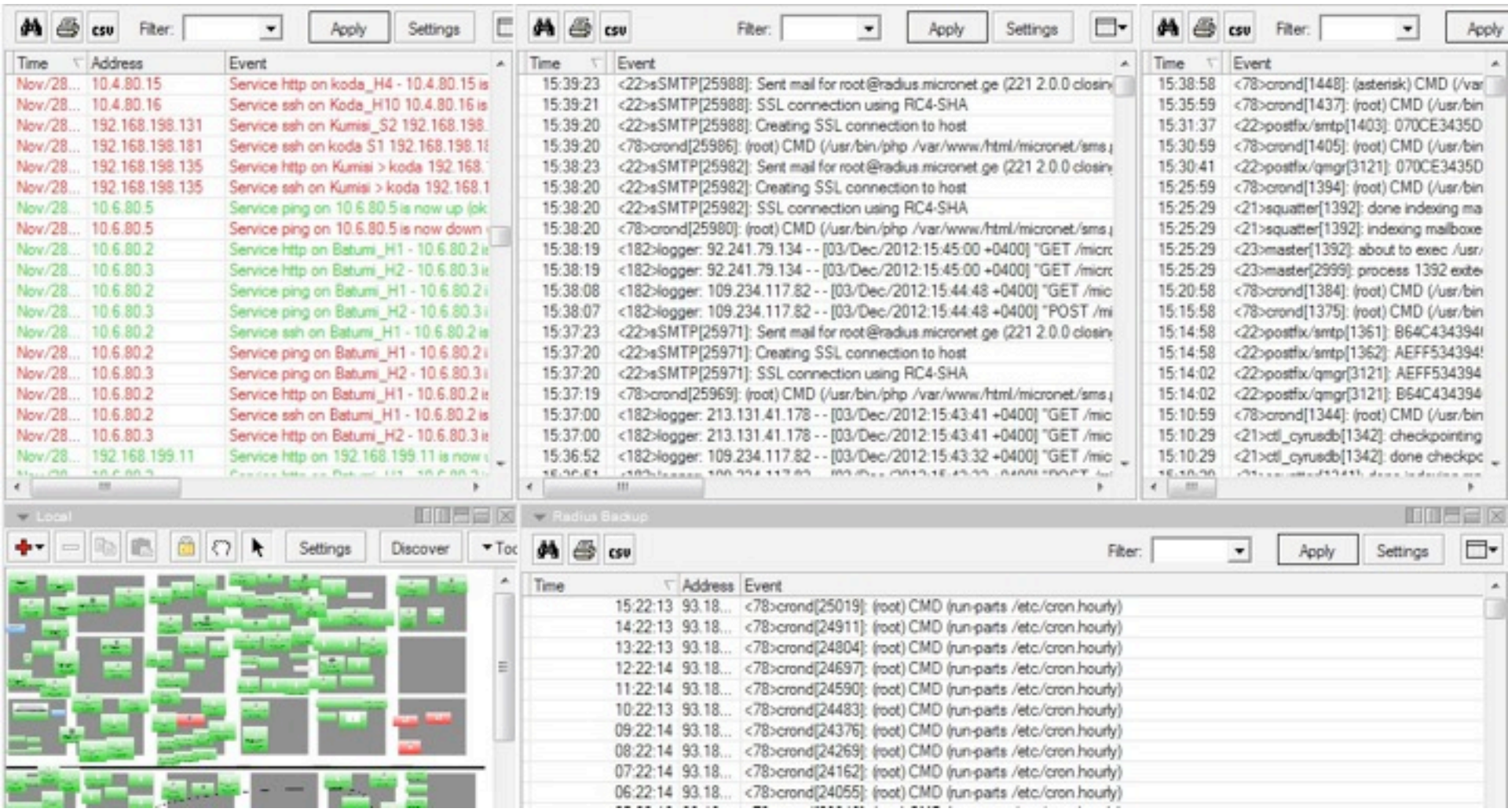
The price will be Minimum 15 000$
+ System Servers

Dude

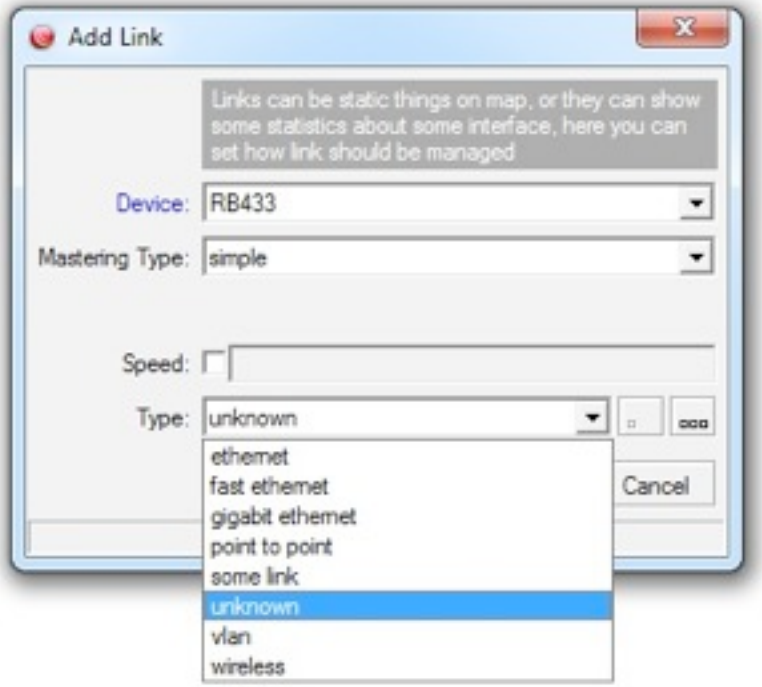
Charts for some of our device



Panels For Monitoring Network



Link functionality

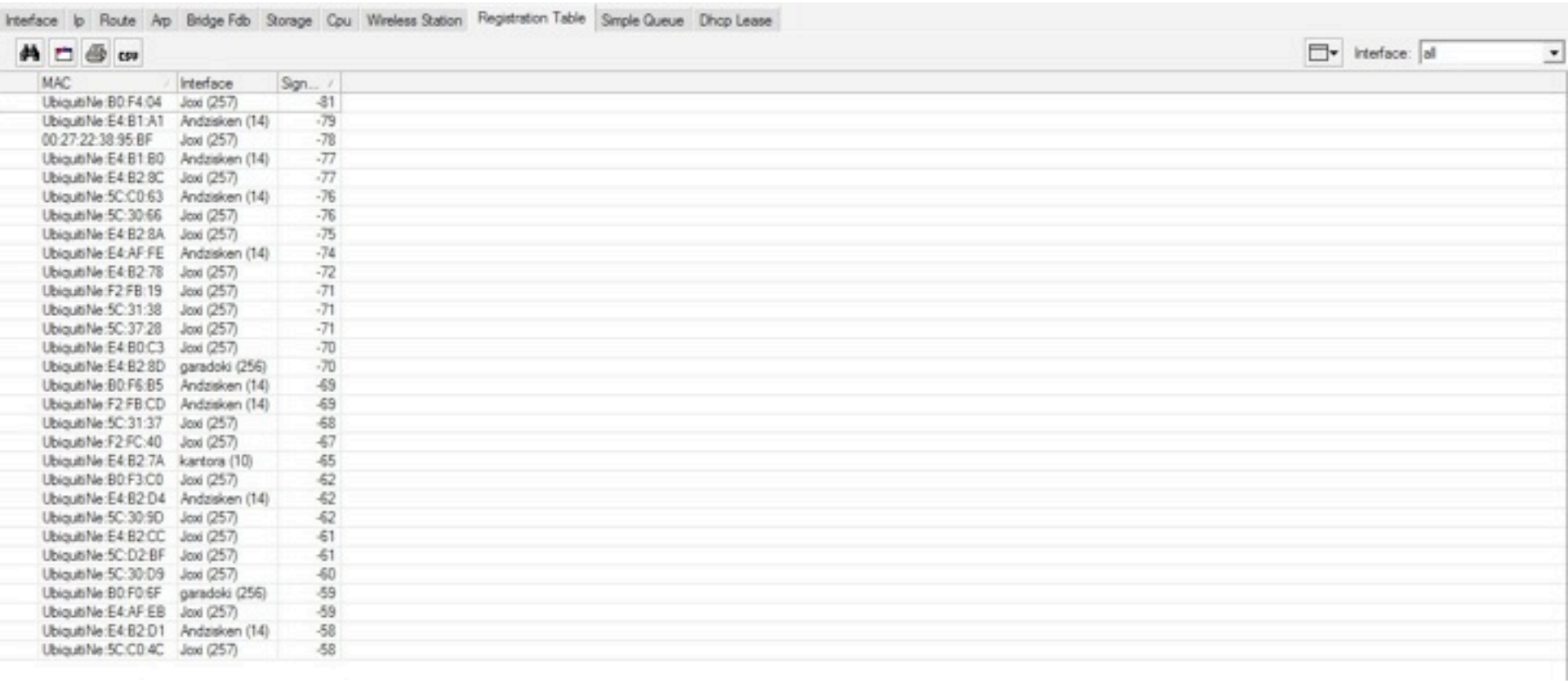


Dependencies

Any actions on network

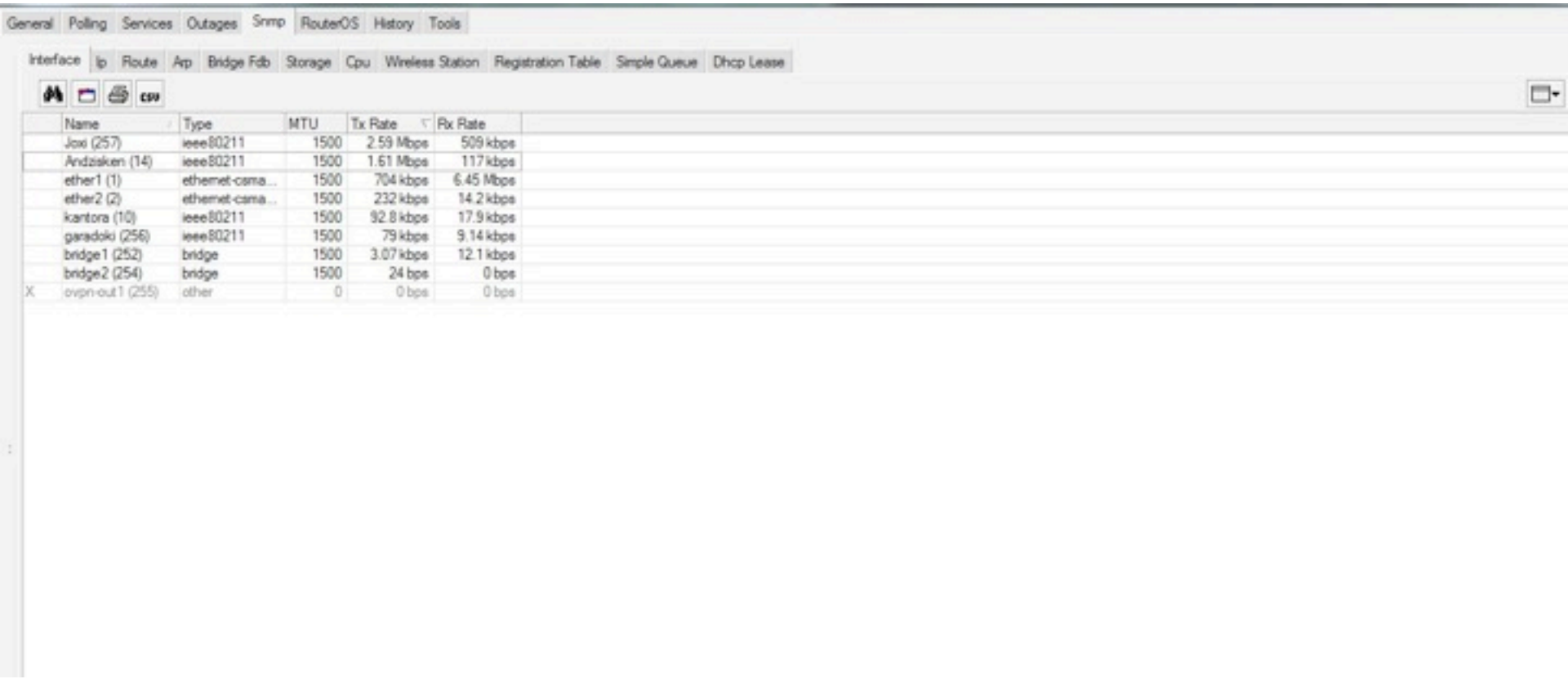
Jul/26 15:21:18	Link changed
Jul/26 15:21:18	Link added
Jul/26 15:21:22	Link added
Jul/26 15:21:22	Link changed
Jul/26 15:21:26	Link added
Jul/26 15:21:26	Link changed
Jul/26 15:21:31	Link added
Jul/26 15:21:32	Link changed
Jul/27 18:05:38	Device Foti - 192.168.201.2 changed
Jul/27 18:18:41	Device 10.7.80.2 added
Jul/27 18:23:53	Device 10.7.80.2 changed
Jul/27 18:37:11	Device Foti_H1 - 10.7.80.2 changed
Jul/27 18:37:18	Device Foti_H1 - 10.7.80.2 changed
Jul/27 18:37:23	Device Foti_H1 - 10.7.80.2 changed
Jul/27 18:37:45	Device 10.6.80.3 changed
Jul/27 18:38:56	Device 10.6.80.1 changed
Jul/27 18:39:08	Device 10.6.80.2 changed
Jul/27 18:39:11	Device 10.6.80.2 changed
Jul/27 18:39:28	Device Batumi_H1 - 10.6.80.2 changed
Jul/27 18:39:40	Device Batumi_H2 - 10.6.80.3 changed
Jul/30 11:18:57	Admin gkhecuriani removed
Jul/31 12:51:38	Link added
Jul/31 12:51:38	Link changed
Jul/31 12:51:43	Link added
Jul/31 12:51:43	Link changed
Jul/31 12:51:47	Link added
Jul/31 12:51:48	Link changed
Jul/31 12:51:51	Link added
Jul/31 12:51:52	Link changed
Jul/31 13:01:57	Device 192.168.198.144 added
Jul/31 13:02:32	Device 192.168.198.106 added
Jul/31 13:02:39	Device 192.168.198.106 removed
Jul/31 13:04:36	Device 192.168.198.106 added
Aug/03 11:45:06	Device Roxi_M - 192.168.202.27 changed
Aug/03 11:45:13	Device Roxi_M - 192.168.202.27 changed
Aug/03 11:45:26	Link added
Aug/03 11:45:26	Link changed
Aug/03 11:45:55	Device Roxi_M - 192.168.202.27 changed
Aug/03 13:05:36	Device 192.168.202.32 added

SNMP and DUDE



MAC	Interface	Sign...
UbiquitiNe:B0:F4:04	Joxi (257)	-81
UbiquitiNe:E4:B1:A1	Andzisken (14)	-79
00:27:22:38:95:BF	Joxi (257)	-78
UbiquitiNe:E4:B1:B0	Andzisken (14)	-77
UbiquitiNe:E4:B2:8C	Joxi (257)	-77
UbiquitiNe:5C:C0:63	Andzisken (14)	-76
UbiquitiNe:5C:30:66	Joxi (257)	-76
UbiquitiNe:E4:B2:8A	Joxi (257)	-75
UbiquitiNe:E4:AF:FE	Andzisken (14)	-74
UbiquitiNe:E4:B2:78	Joxi (257)	-72
UbiquitiNe:F2:FB:19	Joxi (257)	-71
UbiquitiNe:5C:31:38	Joxi (257)	-71
UbiquitiNe:5C:37:28	Joxi (257)	-71
UbiquitiNe:E4:B0:C3	Joxi (257)	-70
UbiquitiNe:E4:B2:8D	garadoki (256)	-70
UbiquitiNe:B0:F6:B5	Andzisken (14)	-69
UbiquitiNe:F2:FB:CD	Andzisken (14)	-69
UbiquitiNe:5C:31:37	Joxi (257)	-68
UbiquitiNe:F2:FC:40	Joxi (257)	-67
UbiquitiNe:E4:B2:7A	kantora (10)	-65
UbiquitiNe:B0:F3:C0	Joxi (257)	-62
UbiquitiNe:E4:B2:D4	Andzisken (14)	-62
UbiquitiNe:5C:30:9D	Joxi (257)	-62
UbiquitiNe:E4:B2:CC	Joxi (257)	-61
UbiquitiNe:5C:D2:BF	Joxi (257)	-61
UbiquitiNe:5C:30:D9	Joxi (257)	-60
UbiquitiNe:B0:F0:6F	garadoki (256)	-59
UbiquitiNe:E4:AF:EB	Joxi (257)	-59
UbiquitiNe:E4:B2:D1	Andzisken (14)	-58
UbiquitiNe:5C:C0:4C	Joxi (257)	-58

Interface view, using dude with snmp



Questions?