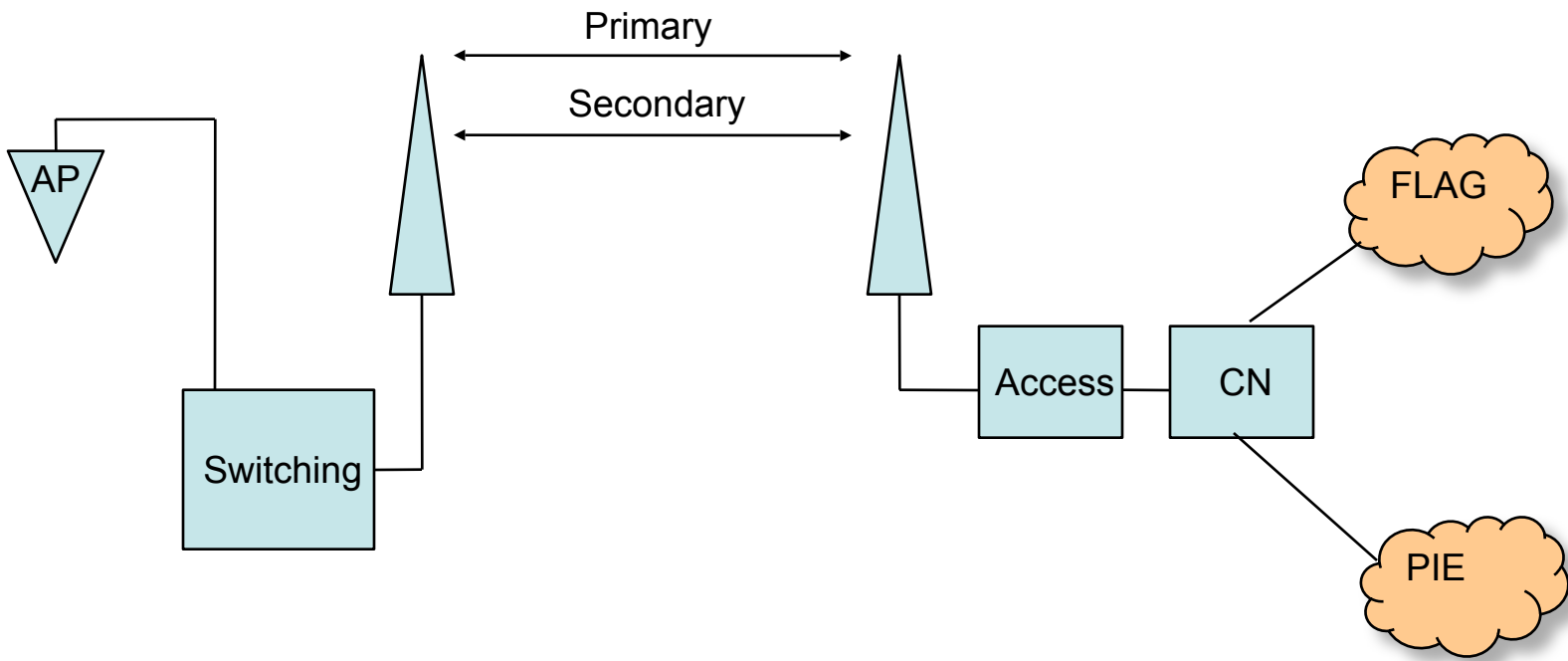# Internet Utilization During SANOG 8
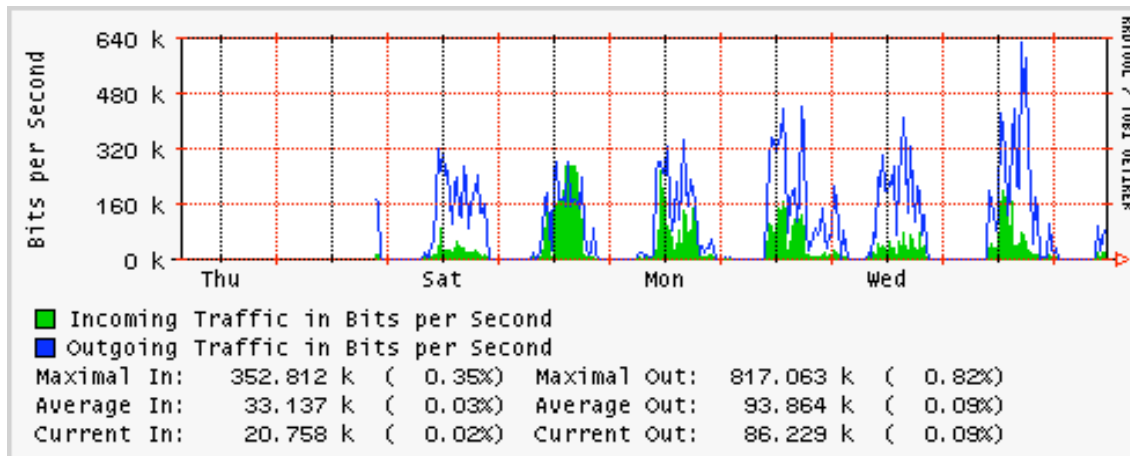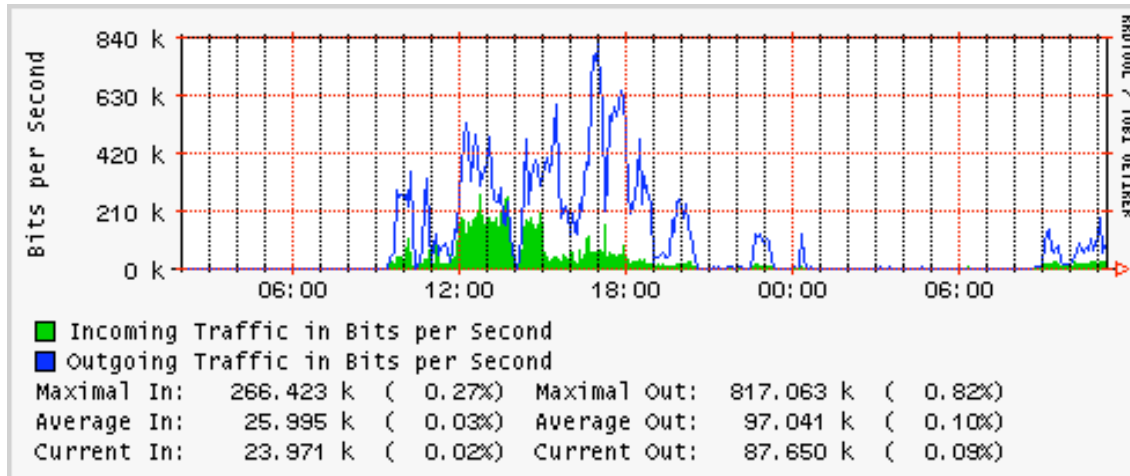
A brief on the traffic Analysis
During South Asian Network Operators Group Conference
Karachi 27th July – 4th August 2006
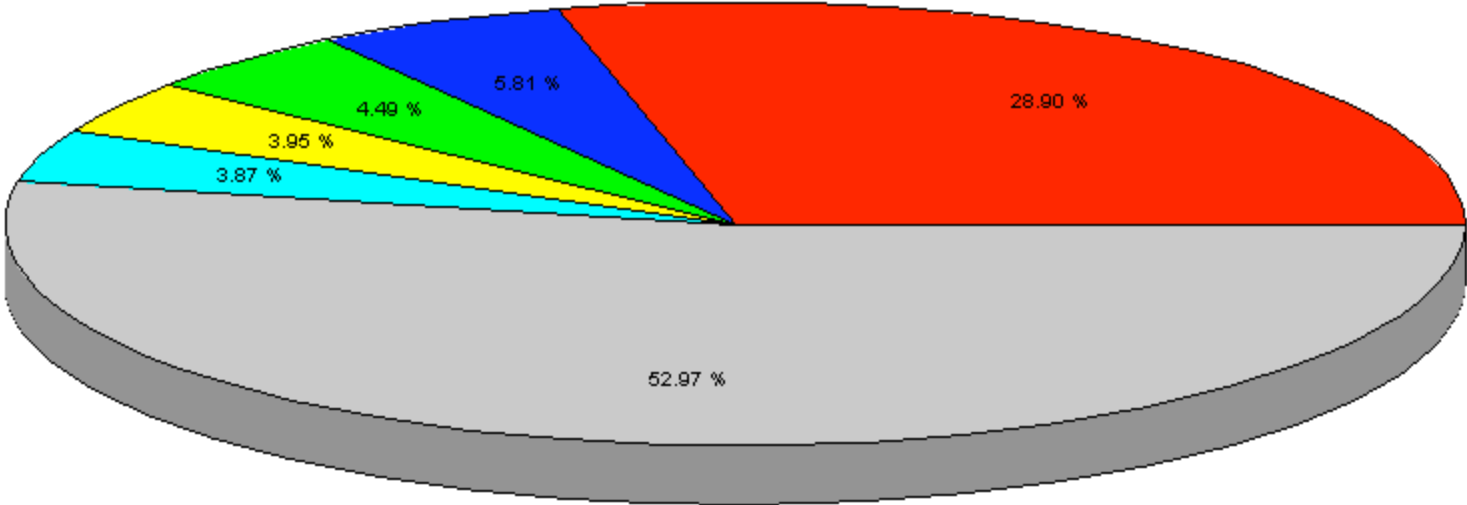
By:
Haris Shamsi
CYBERNET

Network Design

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Average Bandwidth Utilization

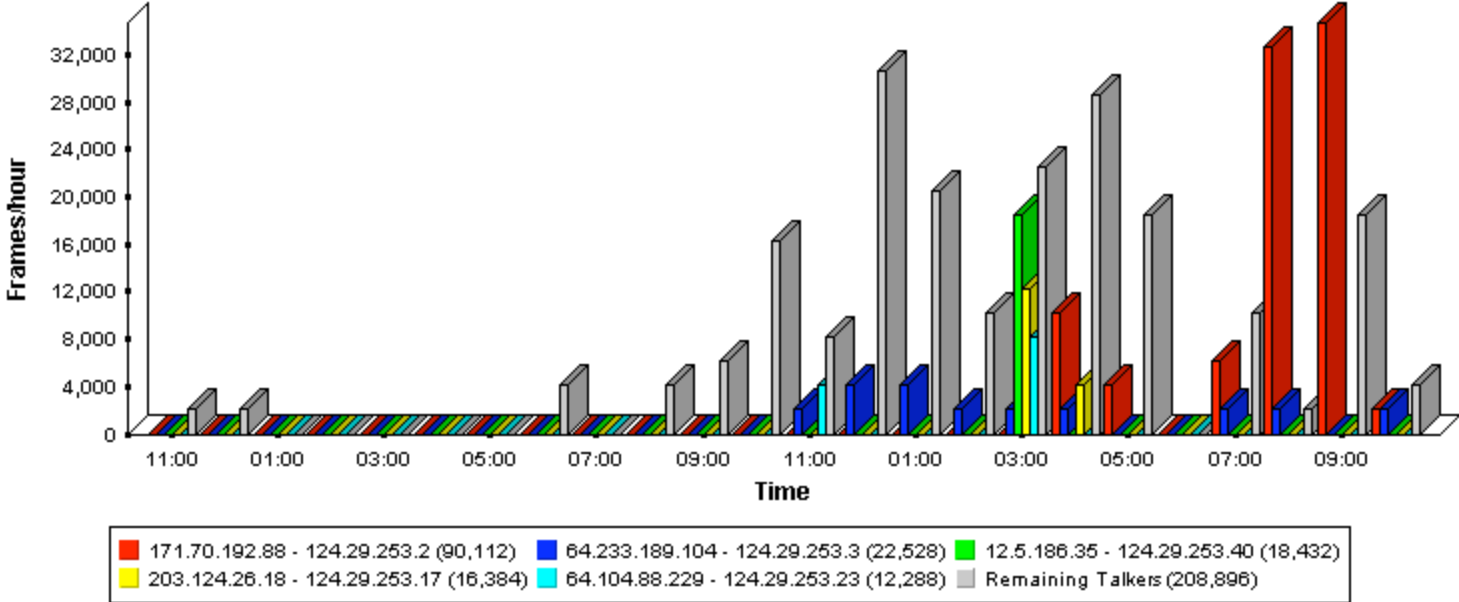# Network Utilization

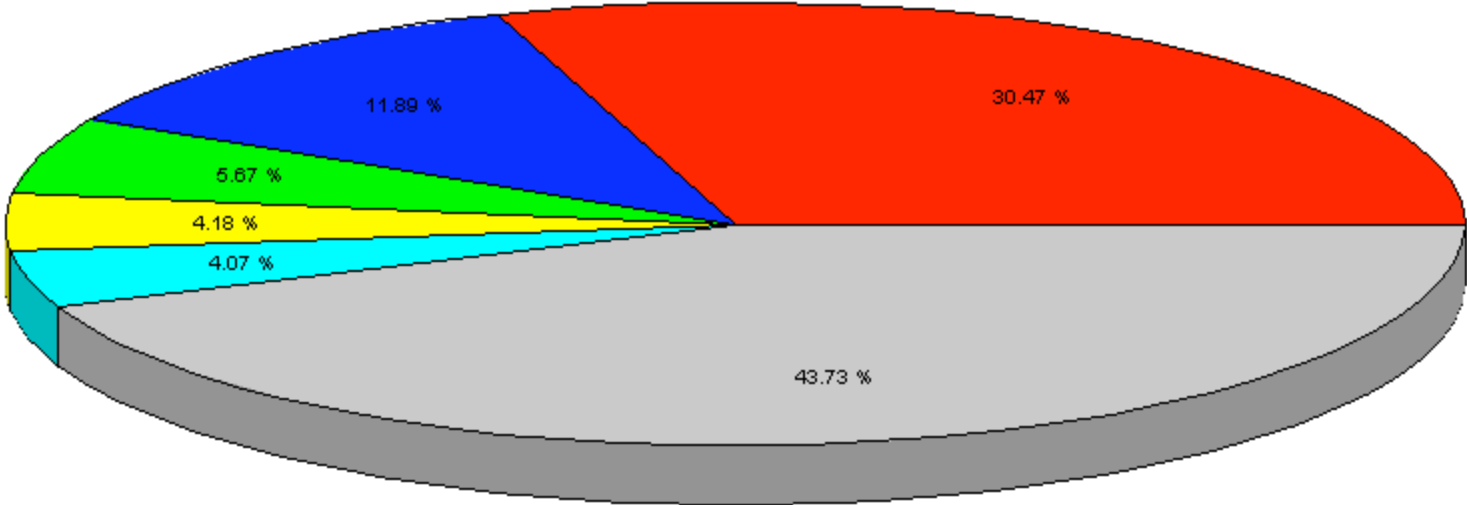|		
🟥 171.70.192.88 - 124.29.253.2 (113.295)	🟦 12.5.186.35 - 124.29.253.40 (22.770)	🟩 66.187.224.20 - 124.29.253.3 (17.621)
🟨 204.152.184.127 - 124.29.253.34 (15.503)	🟦 204.61.215.166 - 124.29.253.14 (15.176)	⬜ Remaining Talkers (207.657)

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Network Utilization

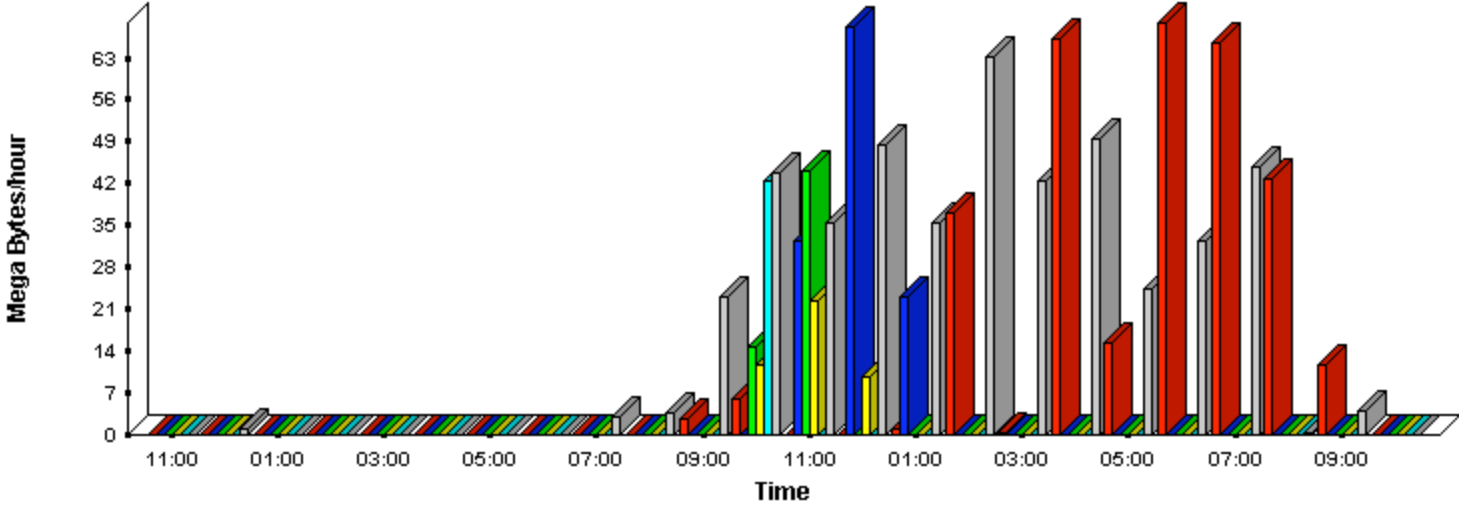**CYBERNET**

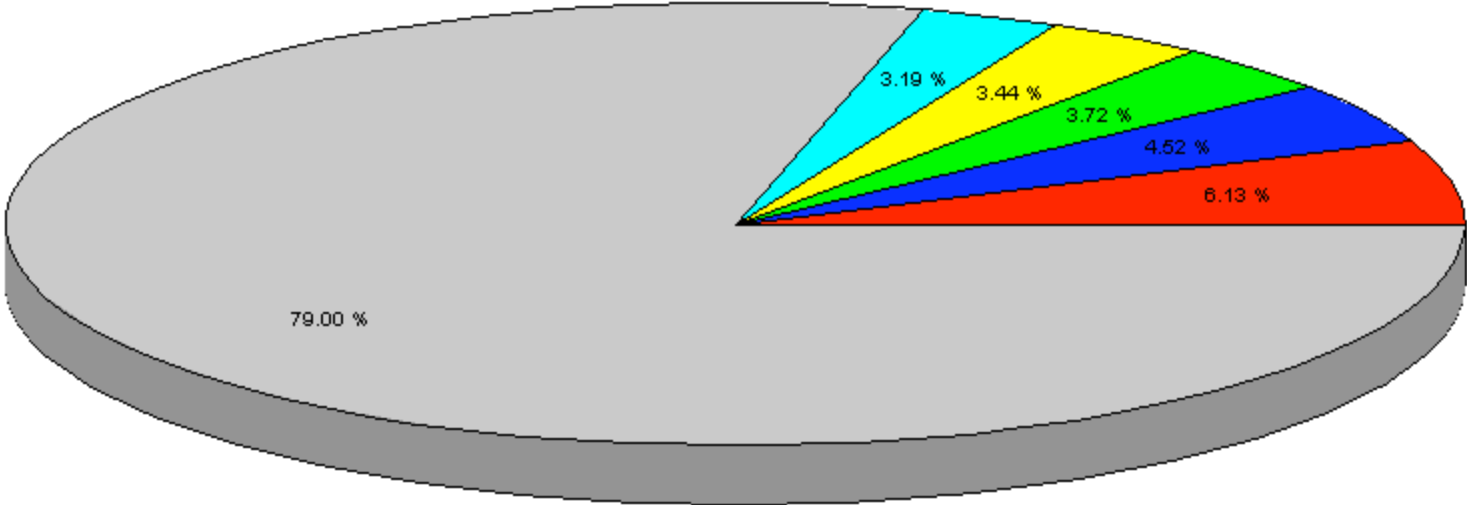# Network Utilization

🟥 171.70.192.87 - 124.29.253.3 (316.445)	🟦 171.70.192.80 - 124.29.253.3 (123.429)	🟩 171.70.192.89 - 124.29.253.28 (58.864)
🟨 64.104.88.229 - 124.29.253.23 (43.422)	🟦 198.133.219.27 - 124.29.253.15 (42.246)	⬜ Remaining Talkers (454.076)

30.47 %
11.89 %
5.67 %
4.18 %
4.07 %
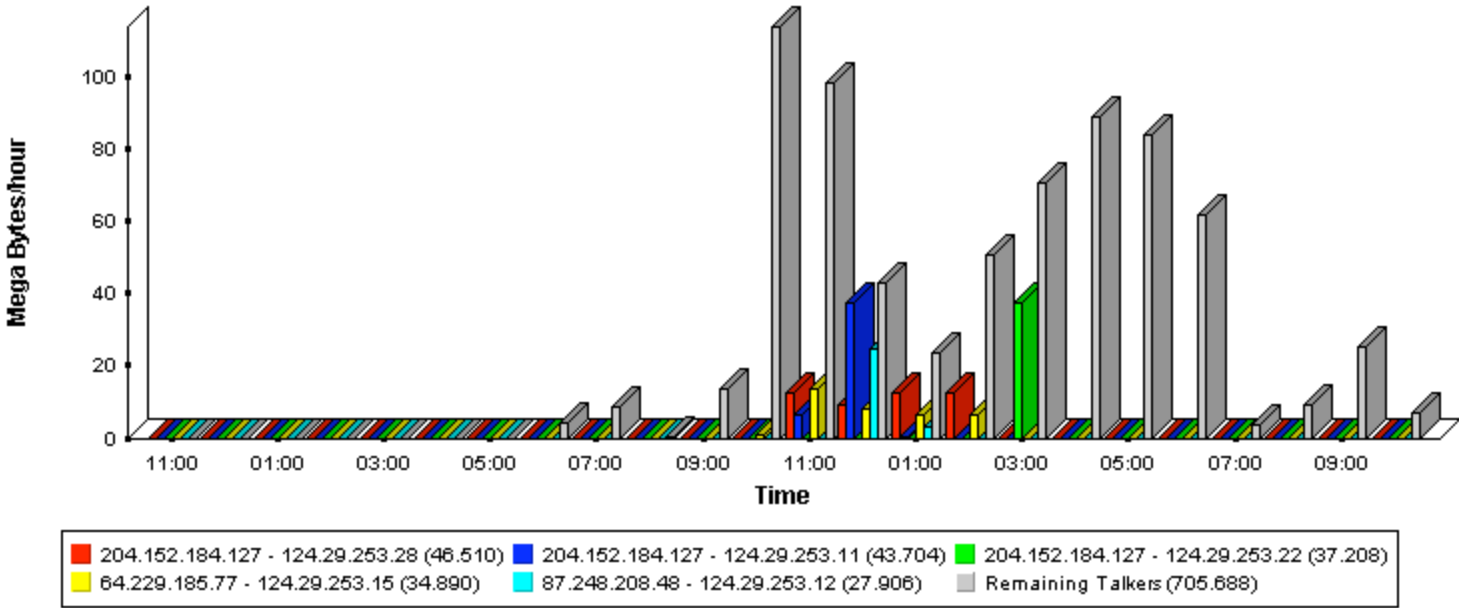43.73 %

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Network Utilization

Network Utilization

- 80.202.108.101 - 124.29.253.2 (42.066)
- 86.139.66.93 - 124.29.253.2 (31.007)
- 220.237.152.30 - 124.29.253.2 (25.555)
- 83.171.149.244 - 124.29.253.2 (23.622)
- 81.1.99.134 - 124.29.253.2 (21.918)
- Remaining Talkers (542.458)

Network Utilization

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Network Utilization

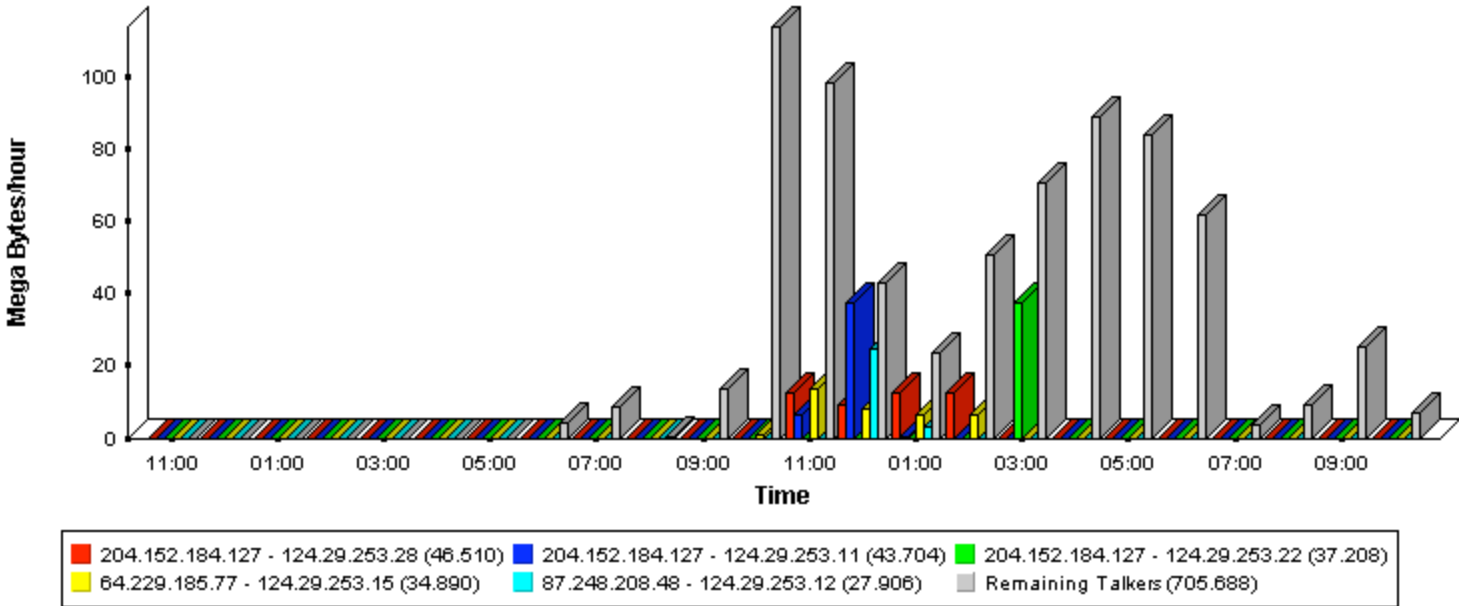|		
🟥 204.152.184.127 - 124.29.253.28 (46.510)	🟦 204.152.184.127 - 124.29.253.11 (43.704)	🟩 204.152.184.127 - 124.29.253.22 (37.208)
🟨 64.229.185.77 - 124.29.253.15 (34.890)	🟦 87.248.208.48 - 124.29.253.12 (27.906)	⬜ Remaining Talkers (705.688)

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Network Utilization

Legend:
- 204.152.184.127 - 124.29.253.28 (46.510)
- 204.152.184.127 - 124.29.253.11 (43.704)
- 204.152.184.127 - 124.29.253.22 (37.208)
- 64.229.185.77 - 124.29.253.15 (34.890)
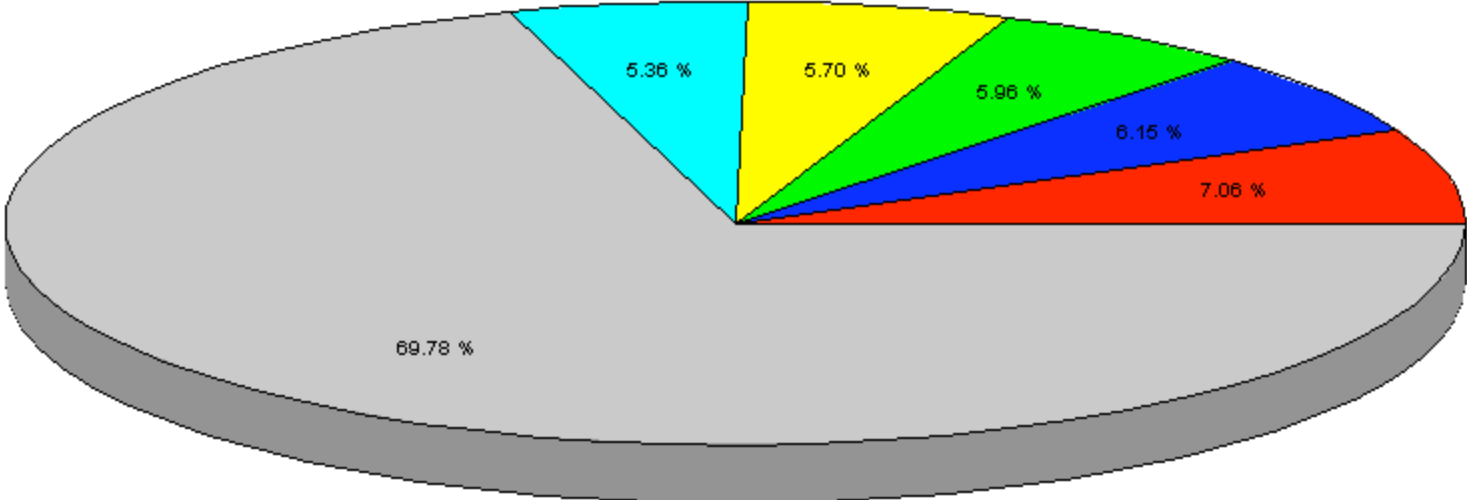- 87.248.208.48 - 124.29.253.12 (27.906)
- Remaining Talkers (705.688)

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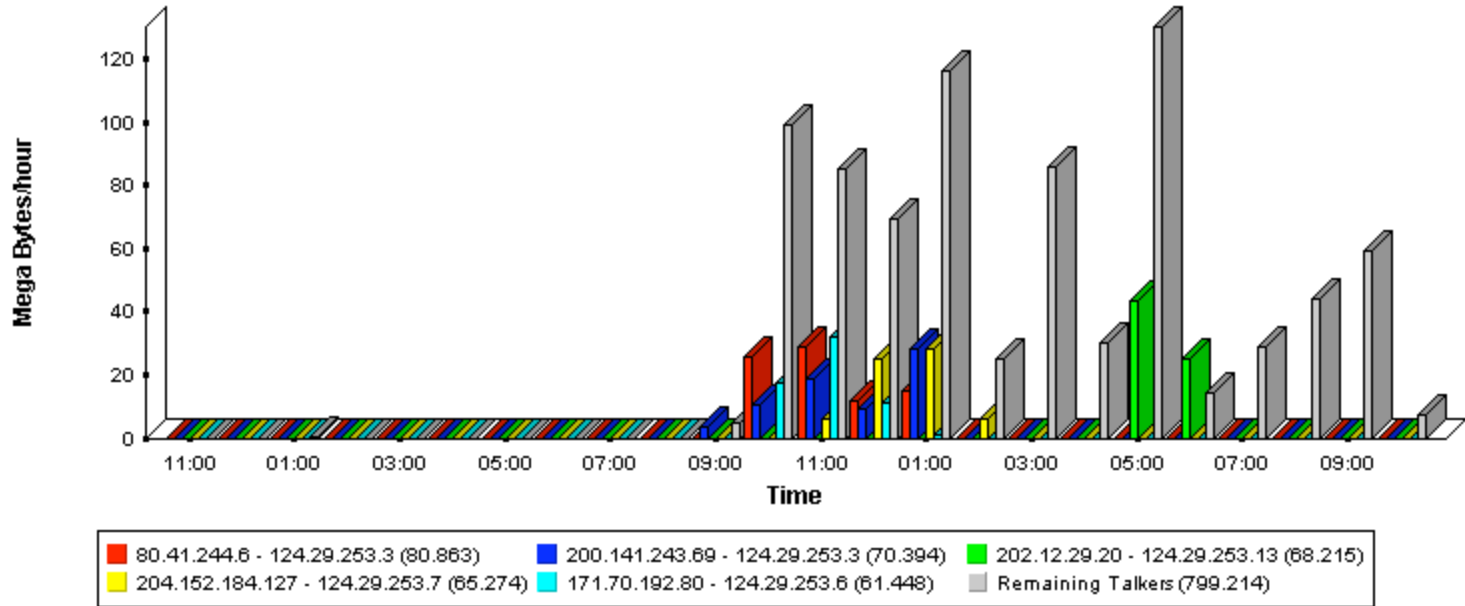# Network Utilization

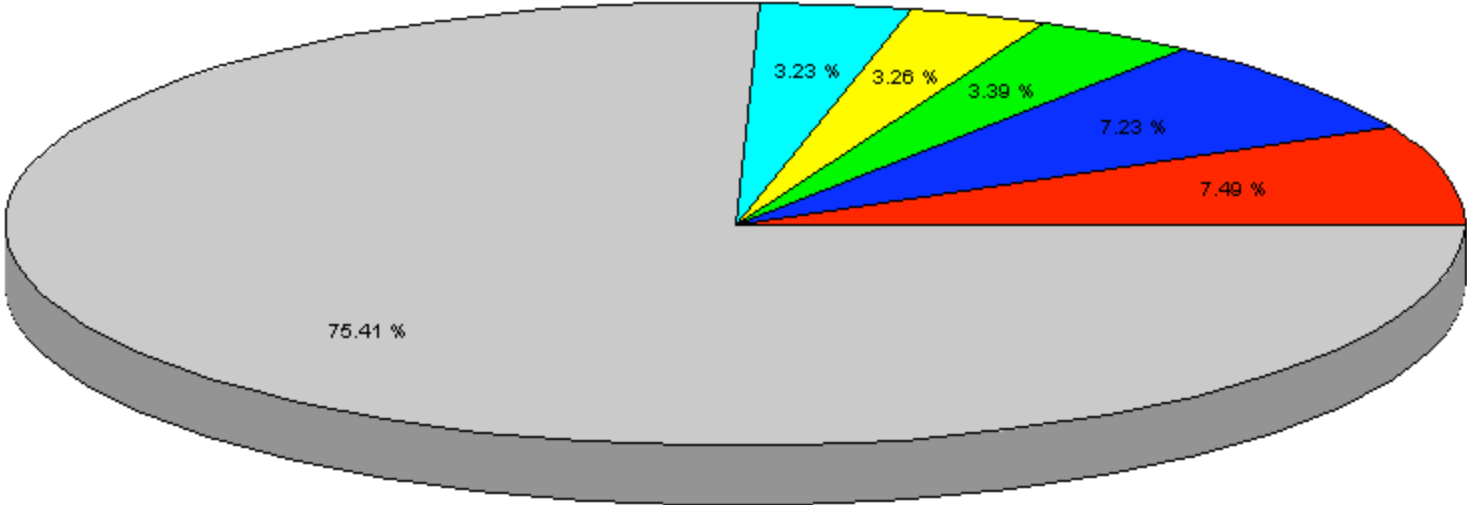|		
■ 80.41.244.6 - 124.29.253.3 (80.863)	■ 200.141.243.69 - 124.29.253.3 (70.394)	■ 202.12.29.20 - 124.29.253.13 (68.215)
■ 204.152.184.127 - 124.29.253.7 (65.274)	■ 171.70.192.80 - 124.29.253.6 (61.448)	■ Remaining Talkers (799.214)

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Network Utilization

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Network Utilization

75.41 %

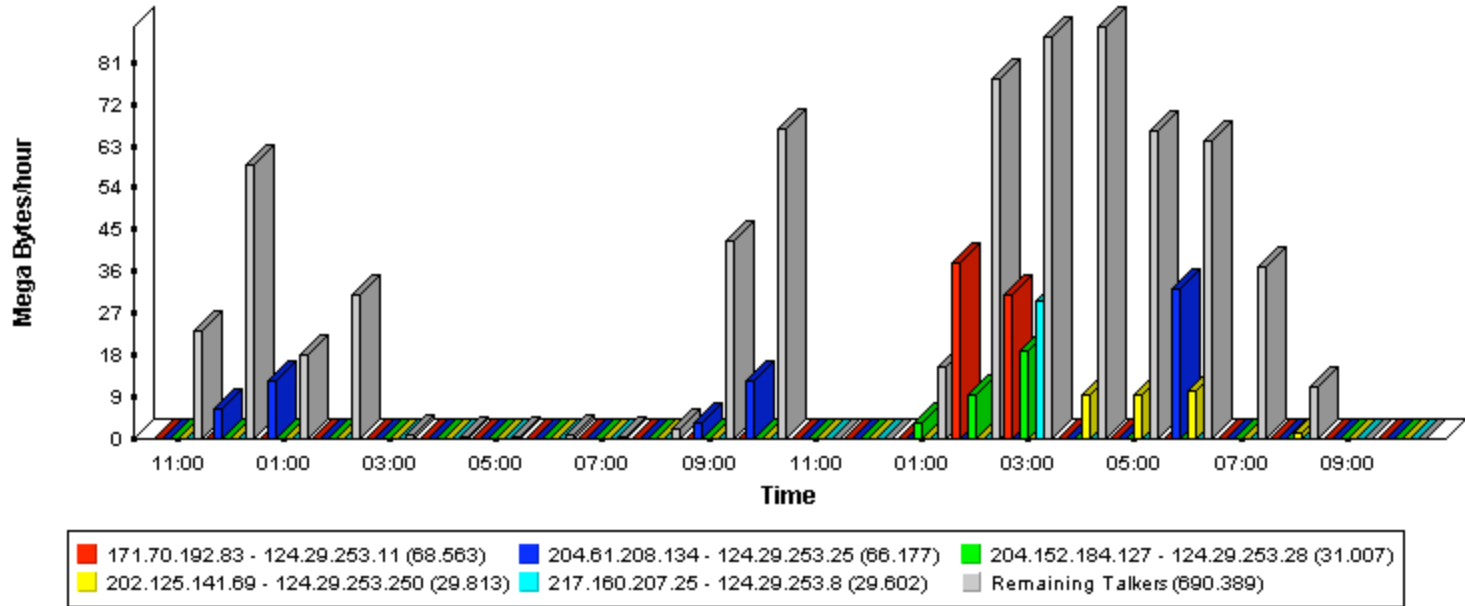3.23 % 3.26 % 3.39 % 7.23 % 7.49 %

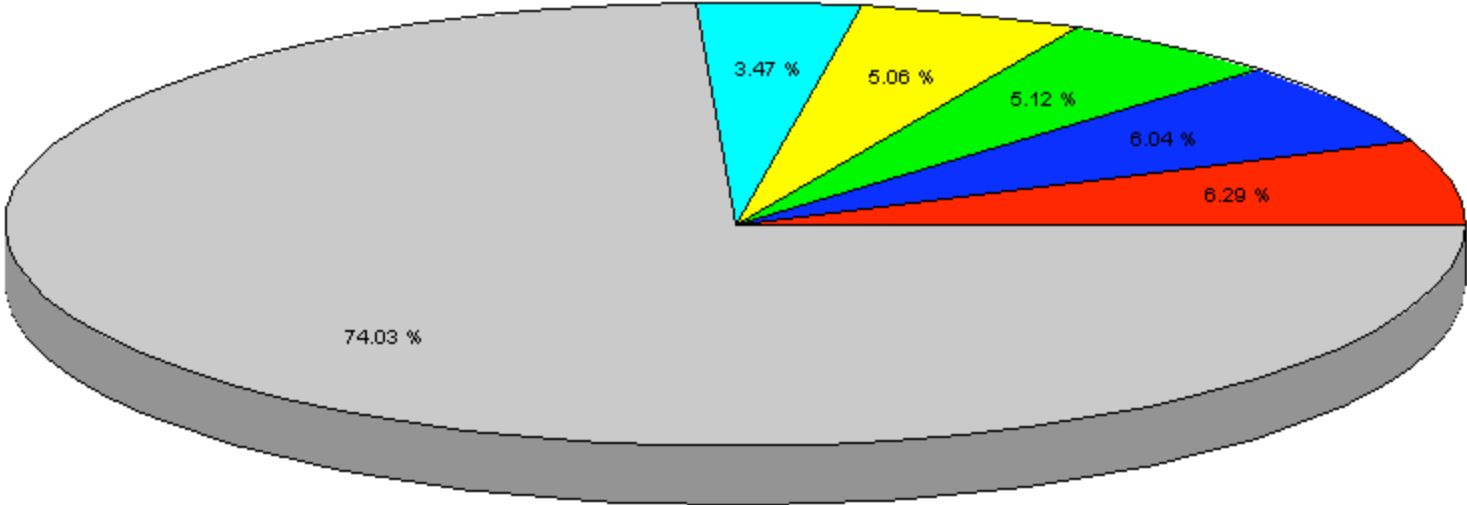|		
■ 171.70.192.83 - 124.29.253.11 (68.563)	■ 204.61.208.134 - 124.29.253.25 (66.177)	■ 204.152.184.127 - 124.29.253.28 (31.007)
■ 202.125.141.69 - 124.29.253.250 (29.813)	■ 217.160.207.25 - 124.29.253.8 (29.602)	■ Remaining Talkers (690.389)

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Network Utilization

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Network Utilization

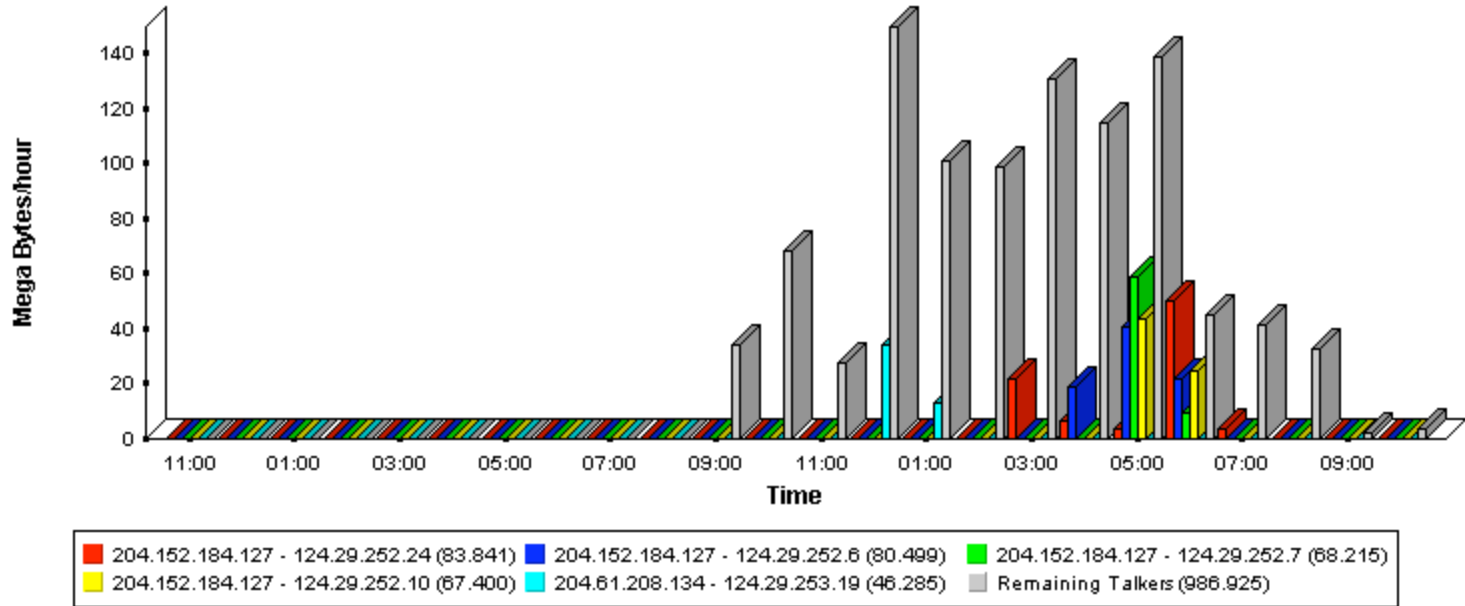3.47 %

5.06 %

5.12 %

6.04 %

6.29 %

74.03 %

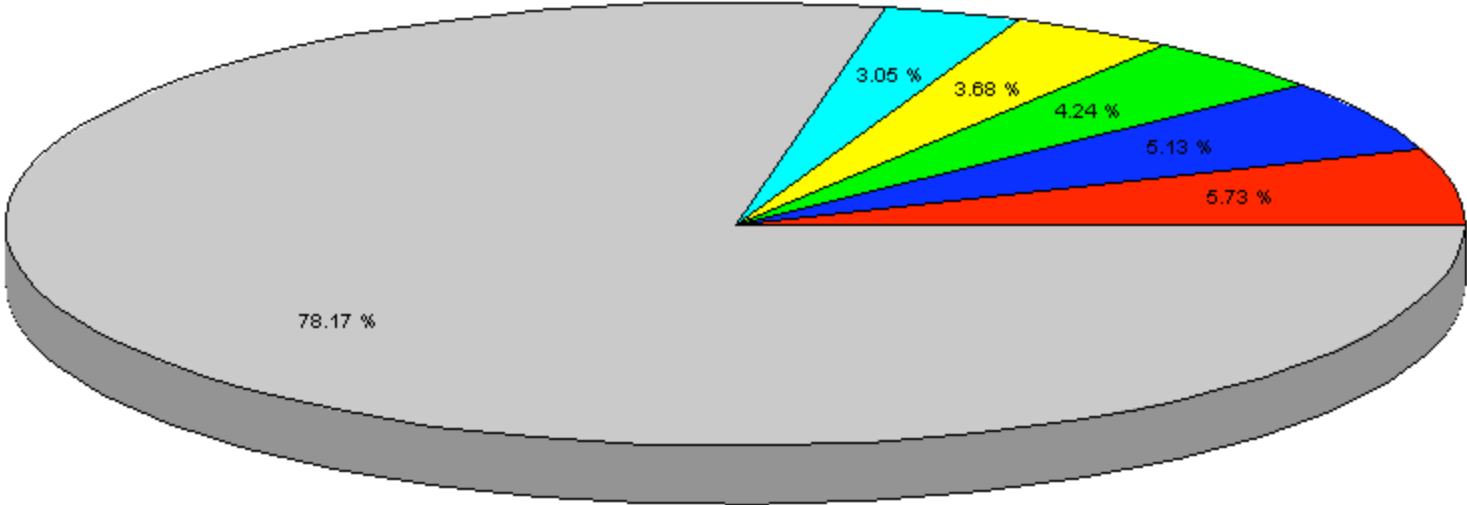|	
204.152.184.127 - 124.29.252.24 (83.841)	204.152.184.127 - 124.29.252.6 (80.499)
204.152.184.127 - 124.29.252.7 (68.215)	204.152.184.127 - 124.29.252.10 (67.400)
204.61.208.134 - 124.29.253.19 (46.285)	Remaining Talkers (986.925)

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Network Utilization
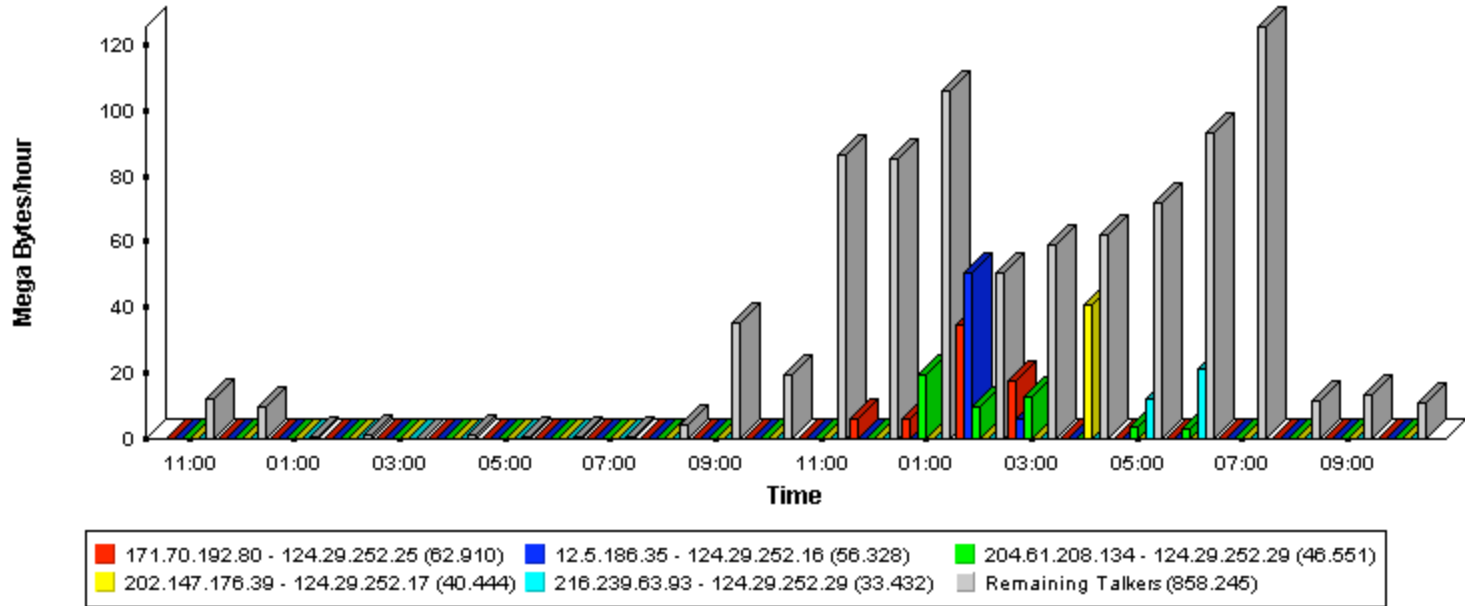
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Network Utilization

Legend:
- 171.70.192.80 - 124.29.252.25 (62.910)
- 12.5.186.35 - 124.29.252.16 (56.328)
- 204.61.208.134 - 124.29.252.29 (46.551)
- 202.147.176.39 - 124.29.252.17 (40.444)
- 216.239.63.93 - 124.29.252.29 (33.432)
- Remaining Talkers (858.245)

Pie chart values: 3.05 %, 3.68 %, 4.24 %, 5.13 %, 5.73 %, 78.17 %

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Network Utilization

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"The Scary Stuff"

+ 26th July to 30th July

+ 31st July to 3rd August

Live links to top talkers and flow stats -- shows what people are doing

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The leaders who work most effectively, it seems to me, never say "I." And that's not because they have trained themselves not to say "I." They don't think "I." They think "we"; they think "team." They understand their job to be to make the team function.

They accept responsibility and don't sidestep it, but "we" gets the credit…. This is what creates trust, what enables you to get the task done .

Peter Drucker -

THANK YOU

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