The VIX Portal

- Login area on www.vix.at for vix participants
- Portal written in php, CMS is Typo3
- integrated Event Management
- Connection Agreement updates
- Subscription to Mailinglists
- Technical view on the VIX LAN
- Detailed Peering Traffic View

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The VIX Peering Traffic Matrix

- Formerly known as peering matrix
- Does not reflect the peering relations, but the traffic relations at the Vienna Internet Exchange
- Can be viewed by anybody at http://www.vix.at/vix_peeringmatrix.html
- Peering traffic matrix data is updated automatically every 12 hours, no manual peering information update necessary
- Opt-Out possible

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Screenshot if live-demo doesn't work

x	Self
+	Peering Traffic
-	No Peering Traffic
	Hidden

Small Font Size
>Medium Font Size<
Big Font Size

Exclude Hidden Peering Information
>Include Hidden Peering Information<

IPv4 Peering Traffic
>IPv6 Peering Traffic

IPv6	286	1764	1853	1901	3248	5385	6830	8220	8387	8447	8591	12401	12654	12859	15498	20704	21385	28857
AS286	x	-	+	-	-	-	-		-	-	-	-	-	-	-	-	-	-
AS1764	-	x	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
AS1853	+	-	x	-	-	-	+		-	+	-	-	-	-	-	+	-	-
AS1901	-	-	-	x	-	-	-		-	-	-	-	-	-	-	-	-	-
AS3248	-	-	-	-	x	-	-		-	-	-	-	-	-	-	-	-	-
AS5385	-	-	-	-	-	x	-		-	-	-	-	-	-	-	+	-	-
AS6830	-	-	+	-	-	-	x		-	-	-	-	-	-	-	+	-	-
AS8220																		
AS8387	-	-	-	-	-	-	-		x	-	-	-	-	-	-	-	-	-
AS8447	-	-	+	-	-	-	-		-	x	-	-	-	-	-	-	-	-
AS8591	-	-	-	-	-	-	-		-	-	x	-	-	-	-	-	-	-
AS12401	-	-	-	-	-	-	-		-	-	-	x	-	-	-	-	-	-
AS12654	-	-	-	-	-	-	-		-	-	-	-	x	-	-	-	-	-

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Screenshot if the live-demo doesn't work

Peering Traffic

IP	Sort Order	Show ASN	Show 95th percentile	Graph Mode	Time Period
IPv4	**ascending**	**hide**	**show**	**Bits**	**Last Day**
IPv6	descending	show	hide	Packets	Last Week
					Last Month
					Last Year

Please select ISP ACOnet

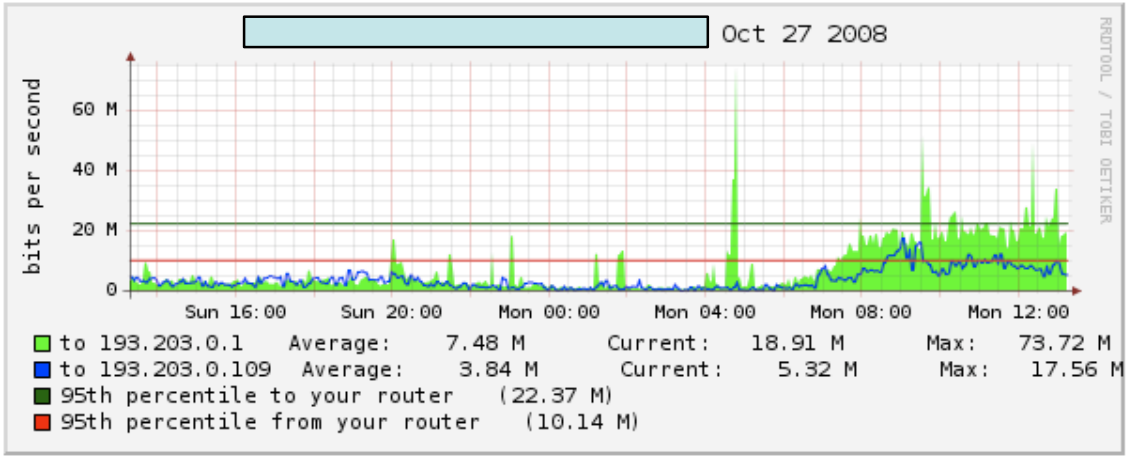
Select the statistic detail IP to IP Statistics

Select your source IP address 193.203.0.1 (NIG)

Please select ISP

193.203.0.3 (IEC, AT&T)
193.203.0.4 (NIG, EUnet)
193.203.0.5 (NIG, APA)
193.203.0.7 (IEC, eTel)
193.203.0.9 (NIG, TELE2UTA)
193.203.0.12 (NIG, Orange Business Services)
193.203.0.13 (NIG, OEBBTel)
193.203.0.14 (IEC, OEBBTel)

Show help | peers to text



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Letztes Update: 10. Mai 2007 - 11:44 UTC

Name	ASNUM	IPv4	IPv6	Site	Mac
[redacted]	[redacted]	193.203.0.45		NIG	[redacted]
[redacted]	[redacted]	193.203.0.1		NIG	[redacted]
			2001:7F8:30:0:1:1:0:1853	NIG	[redacted]
		193.203.0.2		IEC	[redacted]
[redacted]	[redacted]	193.203.0.122		IEC	[redacted]
		193.203.0.122		IEC	[redacted]
[redacted]	[redacted]	193.203.0.117	2001:7F8:30:0:2:1:0:8591	IEC	[redacted]
[redacted]	[redacted]	193.203.0.5		NIG	[redacted]
		193.203.0.15		IEC	[redacted]
[redacted]	[redacted]	193.203.0.102		IEC	[redacted]
[redacted]	[redacted]	193.203.0.125		NIG	[redacted]
[redacted]	[redacted]	193.203.0.3		IEC	[redacted]
[redacted]	[redacted]	193.203.0.34		IEC	[redacted]
[redacted]	[redacted]	193.203.0.54		NIG	[redacted]
[redacted]	[redacted]	193.203.0.104		IEC	[redacted]
		193.203.0.104		IEC	[redacted]
[redacted]	[redacted]	193.203.0.124		IEC	[redacted]
[redacted]	[redacted]	193.203.0.81		IEC	[redacted]
[redacted]	[redacted]	193.203.0.70		NIG	[redacted]
		193.203.0.67		NIG	[redacted]
[redacted]	[redacted]	193.203.0.113		IEC	[redacted]
		193.203.0.113		IEC	[redacted]
[redacted]	[redacted]	193.203.0.55	2001:7F8:30:0:1:1:0:8220	NIG	[redacted]
[redacted]	[redacted]	193.203.0.75	2001:7F8:30:0:1:1:1:5498	NIG	[redacted]
[redacted]	[redacted]	193.203.0.132	2001:7F8:30:0:1:1:2:8857	NIG	[redacted]
[redacted]	[redacted]	193.203.0.98		IEC	[redacted]
[redacted]	[redacted]	193.203.0.95		IEC	[redacted]
[redacted]	[redacted]	193.203.0.40		NIG	[redacted]
[redacted]	[redacted]	193.203.0.103		NIG	[redacted]
[redacted]	[redacted]	193.203.0.87		IEC	[redacted]
[redacted]	[redacted]	193.203.0.12		NIG	[redacted]
[redacted]	[redacted]	193.203.0.7		IEC	[redacted]
		193.203.0.52		NIG	[redacted]
[redacted]	[redacted]	193.203.0.4	2001:7F8:30:0:1:1:0:1901	NIG	[redacted]
		193.203.0.50		IEC	[redacted]

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Network Monitoring

VIX view
your equipment

hostname	service description	service status	details
switch-iec.vix.at	cust:VI0003A L2 AS2686 ATT	CRITICAL: link "GigabitEthernet15/8"(904) is down	Details
	cust:VI0096A L2 AS25255 H3G.at	CRITICAL: link "GigabitEthernet15/22"(918) is down	Details
vhost.vix.at	H3G.at	CRITICAL - 193.203.0.96: rta nan, lost 100%	Details

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Port Statistics

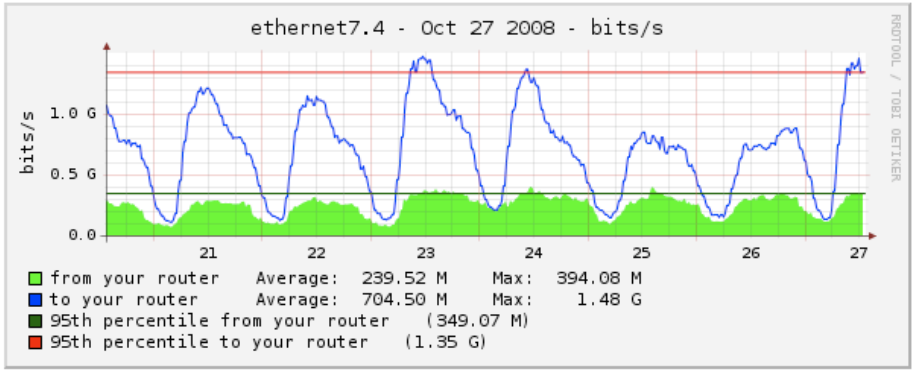
Here you can see your port statistics from the view of the vienna internet exchange.

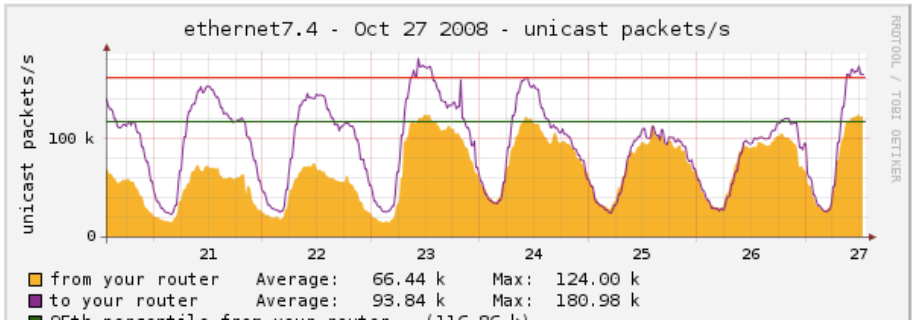
Please select ISP ACOnet

select your port VIX-Port: 7/4 | Site: IEC | Mac: 0x000e39925400 | IP: 193.203.0.2

Select the statistic detail

Last Week





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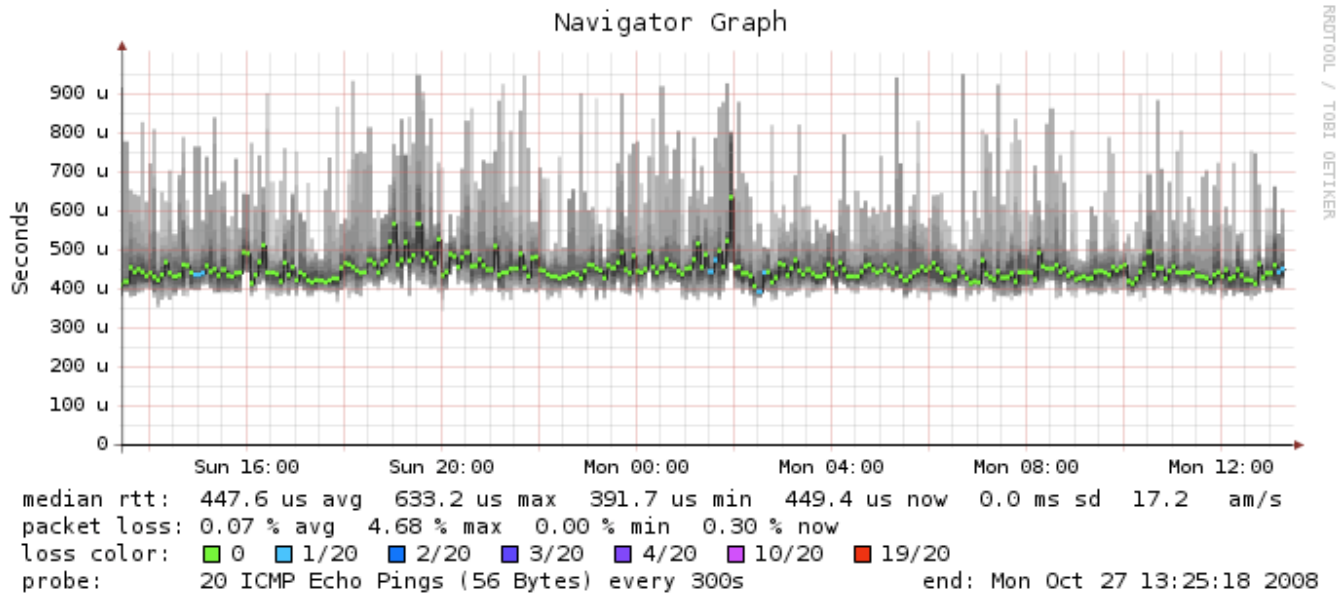
Smokeping

The tool smokeping helps us to detect PING-Latency. The "grey" smoke around the graph shows the variance from the average ping time during 20 pings. Attention: High latency at pings does not necessarily indicate a saturated data line of a peer. This can also denote that the Router-CPU is too busy (e.g. when doing BGP Updates) to send the reply-packets.

Select the destination ISP

193.203.0.2 ACOnet

Last Day



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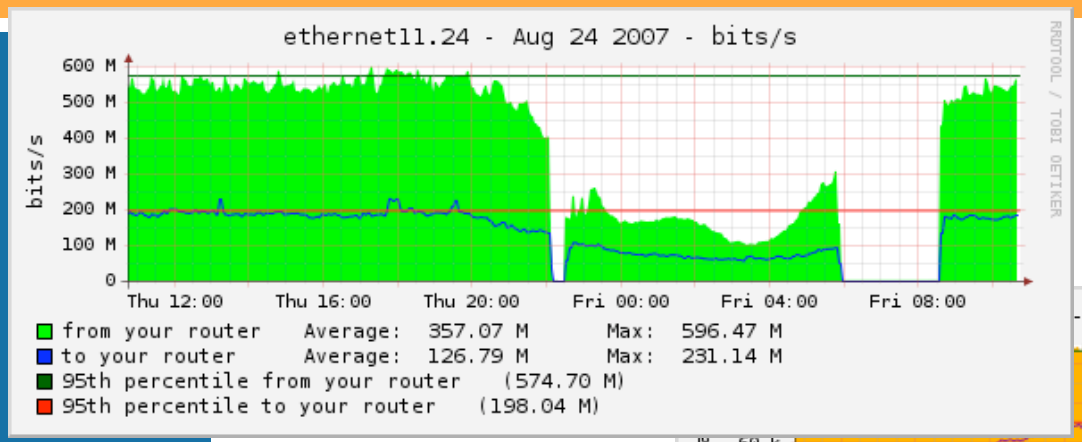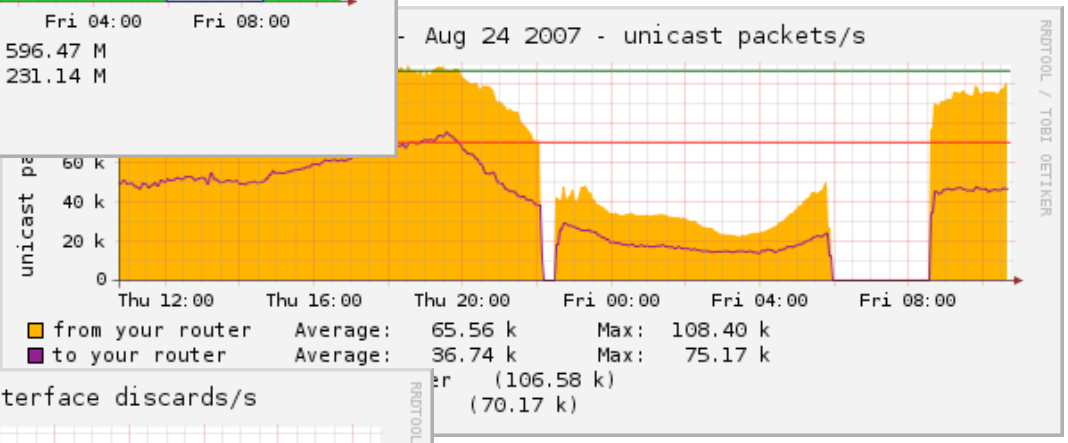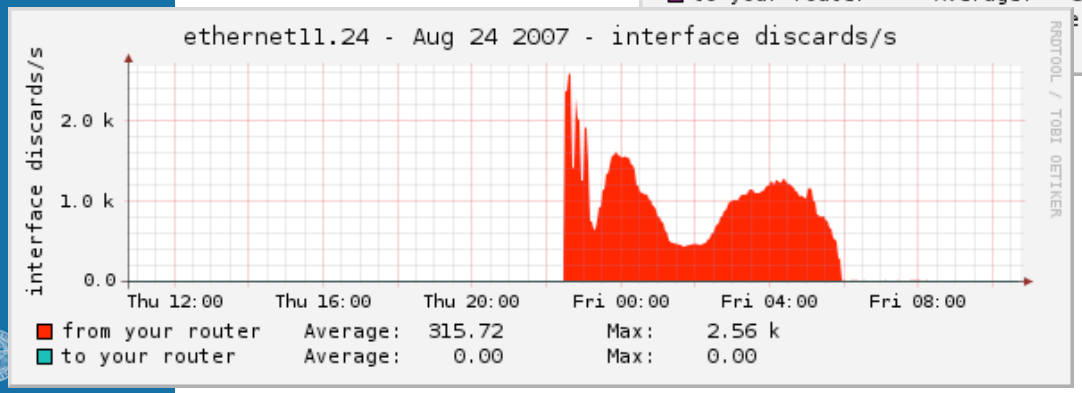
Example