

# Greek Internet Exchange

## [www.gr-ix.gr](http://www.gr-ix.gr)

Greek Research and Technology Network  
GRNET

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# Few words about GRIX

- Created in 2009 with a vision to facilitate interconnection of Greek ISP's with the direct exchange of IP traffic in order to better serve Greek Internet users
- Provision of 10GE as well as 1 GE ports
- Deployed by the Greek Research and Technology Network (GRNet) in accordance with Greek ISP's and with the National Hellenic Research Foundation (EIE)
- GRNet, functioning as a “Third Trustworthy Entity”, guarantees without discriminations, open interconnection between Greek ISP's (operator neutral peering)
- ISP's move from existing IX (AIX – Athens IX) to new one independent for National Telecommunications Organization
- AIX eventually will become obsolete

# Members

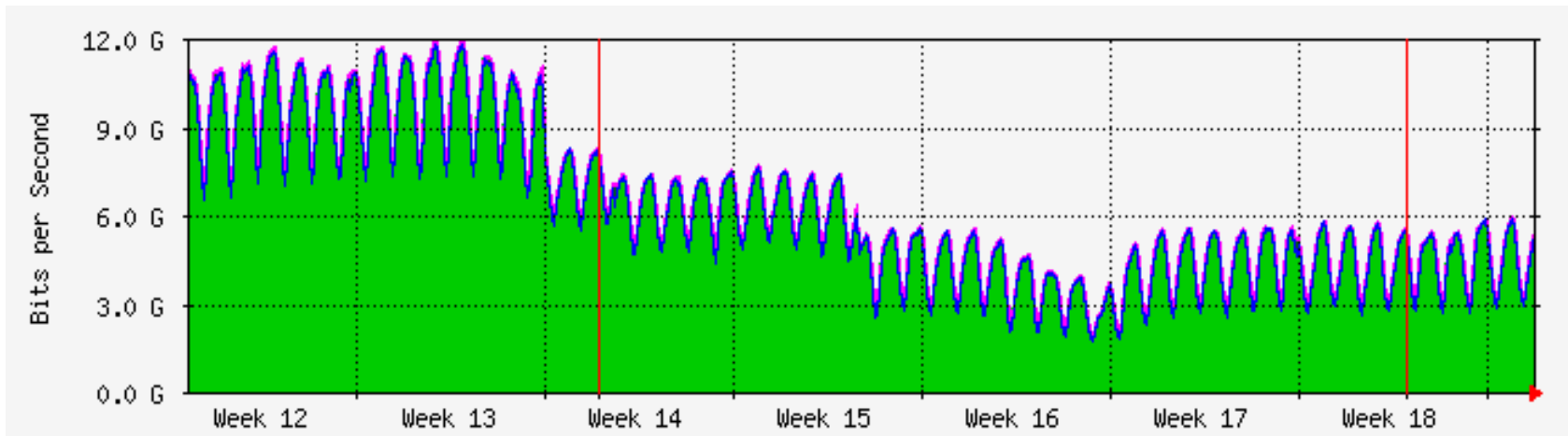
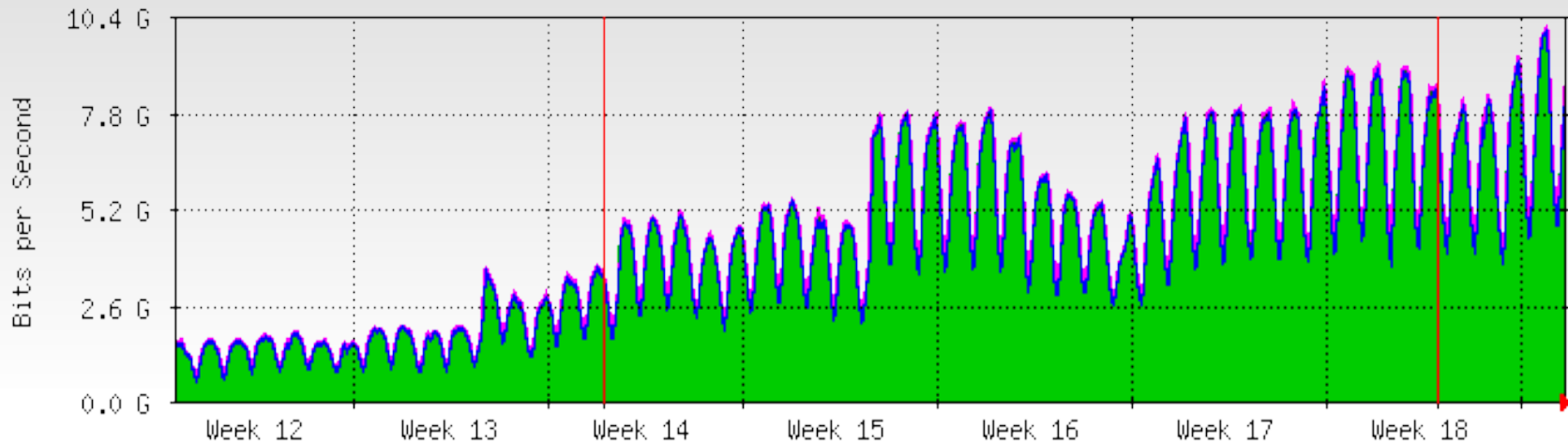
- GRNET - [www.grnet.gr](http://www.grnet.gr)
- Forthnet - [www.forthnet.gr](http://www.forthnet.gr)
- OTE - [www.ote.gr](http://www.ote.gr)
- Hellas Online - [www.hol.gr](http://www.hol.gr)
- K root server instance (shortly)
- More to come...

# Services

- Access Ports: Both 1GE and 10GE
- Extreme 8806 Black Diamond
- Traffic statistics - public access
- Ping delay and packet loss graphs
- sFlow based statistics

# Traffic statistics

## GR-IX vs AIX



# Targets

- Attract large IX's to peer with GRIX
- Connect major domestic ISP's with national educational and research networks
- Drive down the cost of IP transit
- Provide modern, advanced and more reliable Internet services
- IPv6 peering with the hope ISP's answer to our call!!

# Thank you!!

