



What is GR-IX?

The Greek Internet Exchange (GR-IX) is a **neutral and independent Internet Exchange**, the mission of which is to facilitate the exchange of Internet traffic and to accelerate the growth of the Greek Internet. GR-IX constitutes a **critical national Internet infrastructure** as it interconnects all major Internet players in Greece, such as Internet service providers, content providers, cloud providers etc.

GR-IX is owned by the Greek Research & Technology Network (GRNET) S.A, which, being a **non-profit, state-owned** company, guarantees the neutrality and independence of the Internet Exchange.

Members' Benefits

Financial

- Significant reduction on telecommunication costs

Commercial

- Direct peering, without intermediaries, with the largest Internet players in Greece.
- Enhanced business opportunities with other GR-IX members through the GR-IX Internet marketplace.
- Strengthened market position towards suppliers, customers and competition

Technological

- More efficient, robust and stable IP routing. Routing policy independence.
- Direct peering with IP traffic producers and consumers. Increased speed and capacity; improved delay, jitter and packet loss.
- Resilience in network outages and DDoS attacks; flexibility in mitigating them.

Services

Public peering LAN

The public peering LAN connects the routers of all GR-IX members and facilitates the exchange of internet traffic among them. The members use BGP to exchange routing tables in the peering LAN and to control which prefixes will be advertised to/accepted by the other members. An implicit or explicit agreement between the members is required in order to set up BGP and start exchanging traffic.

Route Servers

Route Servers simplify BGP setup on the public peering LAN. The Route Servers relay the prefixes among the members according to the policies defined by those members; hence they eliminate the need of bilateral, direct peerings among them.

Private Network Interconnects

GR-IX infrastructure supports Private Network Interconnects (PNIs). PNIs allow members to exchange traffic over private with other GR-IX members can be implemented over the GR-IX infrastructure. PNIs allow members to exchange traffic from each other and the public peering LAN.

www.gr-ix.gr/services/

Members' List

Member	AS	Member	AS
CloudFlare	13335	Metadosis	206529
Conecticore	197580	Microbase	196945
CYNET	3268	Microsoft	8075
Cyta (Cyprus)	6866	modulus	201494
Cyta Hellas	6866	NetIX	57463
dataways	15544	O3b Networks	60725
ERT	50148	OTE	6799
forthnet	1241	TI Sparkle Greece	198477
GR-IX	199399	Riot Games	6507
GRNET	5408	Top.Host	199246
HCN	57794	skroutz	202042
Hellenic Telec. & Post Commission	303348	Synapsecom	8280
HostMeln	50520	Verizon	702
Lamda Hellix	56910	Vodafone	3329
Inalan	200736	WIND	25472
Anycast DNS Services			
AS112 (reverse lookup for RFC 1918 space)	112	RIPE (K-root)	25152
Forth (.gr)	48053	Verisign (J-root, .com, .net, ...)	26415

www.gr-ix.gr/members/

Rates 2018 (€)

Monthly fees

Port speed	Price
4x10 Gbps	1800
10 Gbps	650
1 Gbps	240
100 Mbps	120

Installation fees

Port type	Interface type	Price
10 Gbps	ER (1550nm)	1000
	LR (1310nm)	500
	SR (810 nm)	300
1 Gbps	LX (1310nm)	150
	SX (810nm)	100
	TX	0
100 Mbps	TX	0

www.gr-ix.gr/prices/

Points of Presence

ATH01 (EIE)	48, Vas. Konstantinou av., 11635, Athens
ATH02 (Lamda Hellix)	19400, Koropi
ATH03 (TI Sparkle Greece)	37 Ermou, 14452, Metamorfoosi

www.gr-ix.gr/presence/

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GR-IX

Connect. Peer. Expand.

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