



INTERNET EXCHANGE

Promoting High-Performance Internet with an Internet Exchange (IX)

Peering at an Internet Exchange (IX) can offer a multitude of benefits for networks, including improved network performance, reduced latency, and lower costs. By exchanging traffic directly with other networks, peering can improve the speed and reliability of data transmission, resulting in a better end-user experience.



Peering



Private Interconnect



Colocation



Closed User Group

- Physical location for ISPs, CDNs, and network operators to exchange Internet traffic.
- Facilitates direct interconnection between networks, improving performance and reducing costs.
- Uses distributed switching fabric for efficient data exchange.
- Enhances Internet's infrastructure, promoting efficient data flow and optimal routing paths.
- Vital for faster, reliable, and interconnected Internet.

NEXUSGUARD®

ANTI DDoS PROTECTION



Key Features

- ✓ Solid protection from DDoS attacks.
- ✓ Customizable granular profiles.
- ✓ Information on bandwidth usage (suitable for network planning)
- ✓ Information on Top 10 visitors to your website (suitable for marketing, business analytics)
- ✓ Alerts to relevant information (detailed attack event playbacks for analysis.
- ✓ Real-time mitigation with customized Dashboard, view real-time traffic & attack events with periodic reports.
- ✓ Continuous development by Nexusguard against latest threats.



Key Benefits

- ✓ Focus on your core business, leave DDoS protection to the experts.
- ✓ 100% availability, maintains user access to websites & applications.
- ✓ Flexible deployment profiles suits different deployment requirements.
- ✓ Enjoy unparalleled visibility of application traffic and threats in real time.
- ✓ SLA commitments with monthly performance review reports.
- ✓ Avoid negative publicity & customer churn.
- ✓ Attain regulatory compliance & avoid monetary penalties.

CONNECTIVITY



BaSICS (Batam - Sarawak Cable System)

A-End CLS: Santubong, Sarawak, East Malaysia, irix Sdn. Bhd

B-End CLS: Tanjung Bemban, Batam, Indonesia, XL Axiata

Distance: 750Km

Kuching - Singapore Round Trip Delay: 9ms

6 Fibre Pairs

80 Wavelengths per Fibre Pair

100Gbps per Wavelength

48Tbps Design Capacity

Repeater and Subsea cable Manufacturer: Fiberhome

PFE Manufacturer: Spellman High Voltage

Wholly owned by irix Sdn. Bhd.

Operational from **Q3 2022**

irix Terrestrial Network

Points of Interconnect (POI):

Santubong (Kuching)

Samajaya

Serian

Tebedu (connected to XL Axiata Indonesia Network)

Lachau

Mapai

Similajau

Sungai Tujoh

1000 Km Fibre Network OPGW and Buried Optical Fibre

Ready for Service: **Q4 2023** (Phase 1)



INTERNET ACCESS

irix offers a range of high-quality internet access services, including dedicated internet access (DIA) and IP transit options, designed to cater to your unique requirements. With our extensive anti-DDoS protection measures in place, your network is safeguarded from any malicious attacks, offering uninterrupted and secure online connectivity. You can rest assured that your network is secure, and your online operations remain uninterrupted, giving you complete peace of mind.

- IP Transit (for those with AS /IP ranges and BGP capability)
- Dedicated Internet Access (for those with no AS/IP/BGP)
- Secure Internet Access (Internet Access + Anti DDoS Nexusguard)



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