Zenlayer
IP Transit

Product Overview

A growing number of businesses need to provide consistent digital experiences for customers across the globe. However, most companies today lack the resources and expertise to traverse global routes and establish reliable global connectivity.

Zenlayer IP Transit removes the hassle of establishing global networking, providing instant, optimized connectivity at the click of a button. IP Transit is a fast, efficient way to provision and manage bandwidth.

Product Highlights

Create a global network

Leverage Zenlayer's private, global backbone network, providing 50+ Tbps of bandwidth across 280+ PoPs.

Zenlayer's network bypasses the public internet, for lightning-fast connectivity, heightened security, maximum reliability.

Enter emerging markets

Achieve instant global expansion, with significantly less cost and risk.

IP Transit is available on six continents, including emerging markets like China, India, Brazil, Indonesia, and many more. IP Transit can provide speedy entry into any global region.

Global Resources on-demand

Reduce the number of hops between source and destination points, through direct interconnects with global and regional ISPs.

Custom deployments typically take just two weeks between order placement and availability.

Access the best connections

Automatically access a premium blend of connections between global PoPs. Or, manually, select specific carriers and routes for tighter control. Zenlayer can establish reliable connectivity across any region.

WOW Service

IP Transit features a 99.99% SLA, with built-in redundancy for circuits and hardware.

In addition, IP Transit comes with full 24/7 technical support and industry-leading sub-15-minute troubleshooting response times.

Zenlayer solves 95% of trouble tickets within four hours.

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Product Features

Redundant and Resilient Connectivity

IP Transit helps businesses create ultra-reliable networks across any region, with full redundancy.
Extra resiliency is achieved through network diversity, including interconnected metro- and long-haul networks.

- Network Structure Redundancy

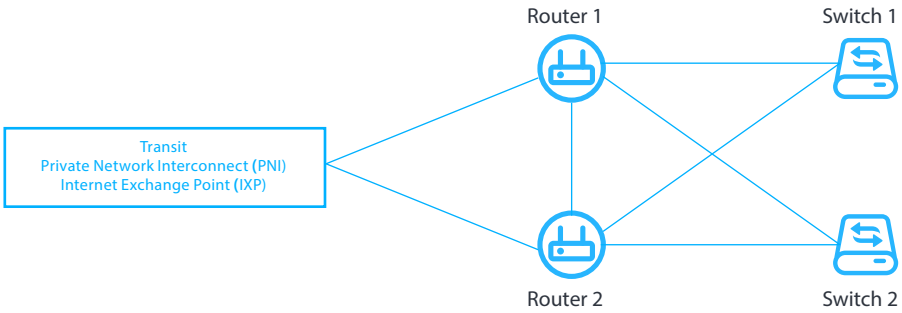
  IP transit features with 2 routers + 2 switches

- Upstream Redundancy

  Zenlayer ensures full redundancy by offering more than 2 ISP connections, preventing single ISP failure

- Route Protocol Redundancy

  IP Transit supports the Border Gateway Protocol (BGP) protocol, for extra network stability.



Full mesh design

Zenlayer implements a fully meshed design for IPT redundancy to ensure high availability. All nodes are divided into 2 categories: **core nodes** and **edge nodes**.

The **core node** selects ISPs with wide coverage capabilities and prioritizes local ISPs that are easily accessible. **Edge nodes** select mainstream ISPs in the coverage area, and access as many local mainstream ISPs as possible. Considering the stability of the network, each node can access more than two full-route ISPs.

Multi-level monitoring

Zenlayer monitors nodes from the customer-use level to the network maintenance level. The company monitors, controls, and reroutes bandwidth as necessary to ensure high-quality coverage and low latency. In addition, Zenlayer uses customer-specific traffic engineering routing policies using BGP. Zenlayer's extensively redundant connectivity, coupled with round the clock monitoring creates an ultra-reliable network in any region worldwide.

Over 4,000 IPv4 and over 50 IPv6 prefixes at AS21859

Zenlayer IP Transit uses the Open Peering Policy to connect with local incumbent ISPs, enabling superior performance with a mixed BGP blend.

Customers can also purchase geo-located IPs, for strategic deployments and superior regional performance. It's also possible to announce ASN and IP prefixes for global reach.

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Case study

Background

Zenlayer's client manages a social platform that allows users to participate in real-time online activities using voice, text, and video.

Challenge

The platform experienced significant growth in 2019, exceeding 200 million active users. At the same time, average daily use increased by more than one hour. At first, the company struggled to handle the increase in concurrent users. The extra volume strained the company's resources, putting extra pressure on the organization to deliver strong user experiences with smooth streaming audio and video transfers. Usage also increased in regions where the client lacked supporting infrastructure.

Solution

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Use IP Transit to Grow Your Business

IP Transit can transform the way your company connects with global users. To learn more, visit **IP Transit | Zenlayer** and **contact Zenlayer today**.

IP Transit Locations

Africa

Egypt
Nigeria
South Africa

Asia

Australia
Bangladesh
Cambodia
China
India
Indonesia
Japan
Malaysia
Myanmar
Pakistan
Philippines
Singapore
South Korea
Taiwan
Thailand
Vietnam

Middle East

Qatar
UAE

Europe

Croatia
Czech Republic
France
Germany
Greece
Ireland
Italy
Netherlands
Poland
Romania
Russia
Serbia
Spain
Sweden
Switzerland
Turkey
United Kingdom

North America

Mexico
US

South America

Argentina
Brazil
Chile
Colombia
Peru