zenlayer

IP Transit

Instantly improve digital experience worldwide

Content

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Zenlayer at a Glance

Enabling organizations to improve their global user experience
by providing edge cloud services

#1

in Global coverage

- 180+ edge data centers
- 6 continents / 35+ countries
- 15 Tbps backbone / 230+ private lines

< 25 ms

to 85% of world's internet users

- 1000+ global peers
- Emerging market expertise

< 15 min

Support response time

- 24/7 global tech support
- 95%+ TTR < 4 hours
(Trouble ticket resolve time)

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Trusted by 300+ Global Customers

Gaming

Cloud

Telecom

Streaming / Online Education / Real Time Communications

E-Commerce / Retail

Mobile

Other

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Partners & Industry Recognition

aws partner network
Select Technology Partner

EQUINIX PLATINUM PARTNER

Google Cloud Partner

DIGITAL REALTY

CORESITE

DELL

NETWORKWORLD FROM IDG
2018 10 Hot SD-WAN Startups

Everest Group®
2019 Top 10 SD-WAN Trailblazers

Telin

中国电信 CHINA TELECOM

PLDT

kt

IXcellerate

MainOne

PTC Innovation Awards
2019 Best Networking Innovation

TRUSTED CLOUD 可信云
2019 Trusted Cloud Certification

du Megaport sify TM TATA NTT 中華電信 Chunghwa Telecom China unicom中国联通 airtel 中国移动 China Mobile

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Integrated Products and Services

Compute

- Bare Metal Cloud
- Edge Data Center Services

Networking

- Cloud Networking
- IP Transit

Application

- Cloud WAN
- Content Delivery Network
- Global Intelligent Accelerator

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WOW service that exceeds expectations

Easy contact

- **24/7 technical support** via phone, email
- 24/7 proactive **network and device monitoring**

Fast responses

- **< 15-minute** response time
- **On-site technicians** at core PoPs

Quick resolutions

- **95%+ TTR < 4 hours** (Time to resolution)
- **99.99% SLA** (Built-in redundancy for both circuits & hardware)

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IP Transit

Overview

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#1 in Global Coverage

180+
edge nodes

35+
countries

230+
private lines

15 Tbps
backbone

1000+
peers

Infrastructure

- Data Center

Services

- Cloud Networking
- Bare Metal Cloud

Public Clouds

- AWS
- Microsoft Azure
- Google Cloud
- Alibaba Cloud
- Tencent Cloud
- UCloud
- Equinix Cloud Exchange
- Megaport

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Bare Metal Cloud Components

Global resources on demand

- Take advantage of **a vast global pool of resources.**
- Zenlayer's total IP Transit bandwidth is **over 15 Tbps.**

- **Direct interconnects** with global and regional internet service providers (ISPs) make the average number of hops between source and destination just 1.5.

- Bandwidth available on-demand at **all 180+ edge PoPs.**

- Custom deployments average **only 2 weeks** between order placement and availability.

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Redundant & Resilient

Global stability

Redundant

Extensive redundant connectivity to create an **ultra-reliable network** in any region.

Resilient

Network diversity adds resiliency, including interconnected metro- and long-haul networks.

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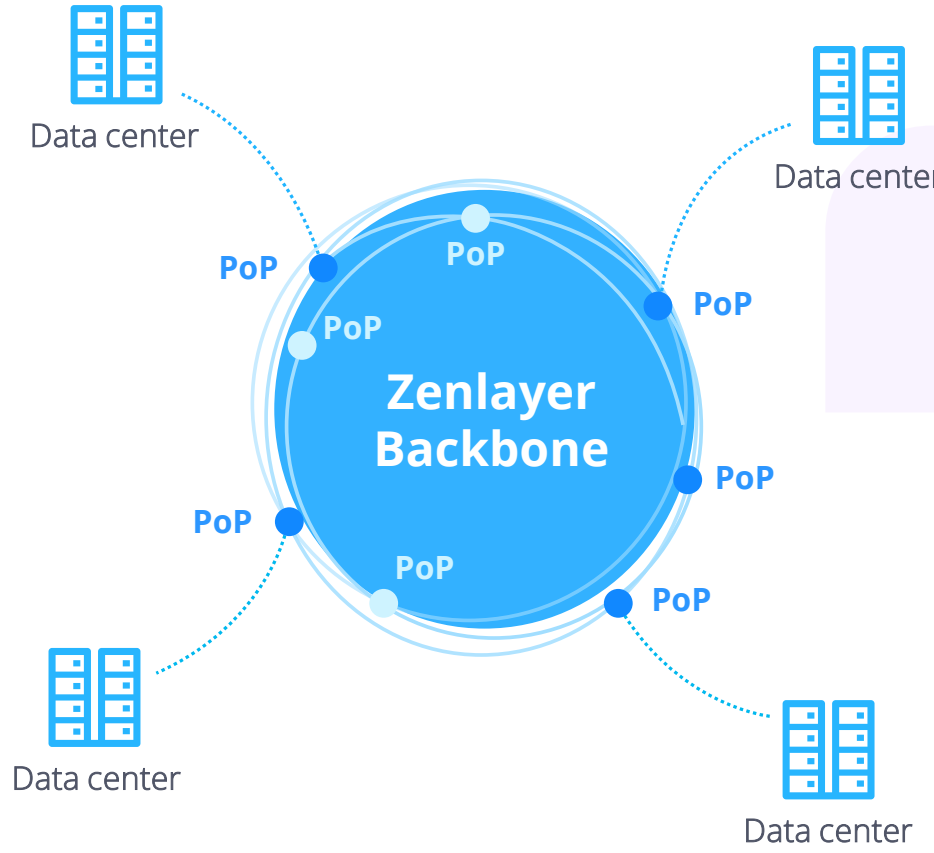
Guaranteed low latency

Private global backbone

- More than **60 interconnected data centers** located around the world.
- Traffic between our core data centers goes through our **private, global backbone** to avoid public internet congestion.
- Using multiple Zenlayer edge PoPs in your network **instantly lowers latency** when transmitting data between them.



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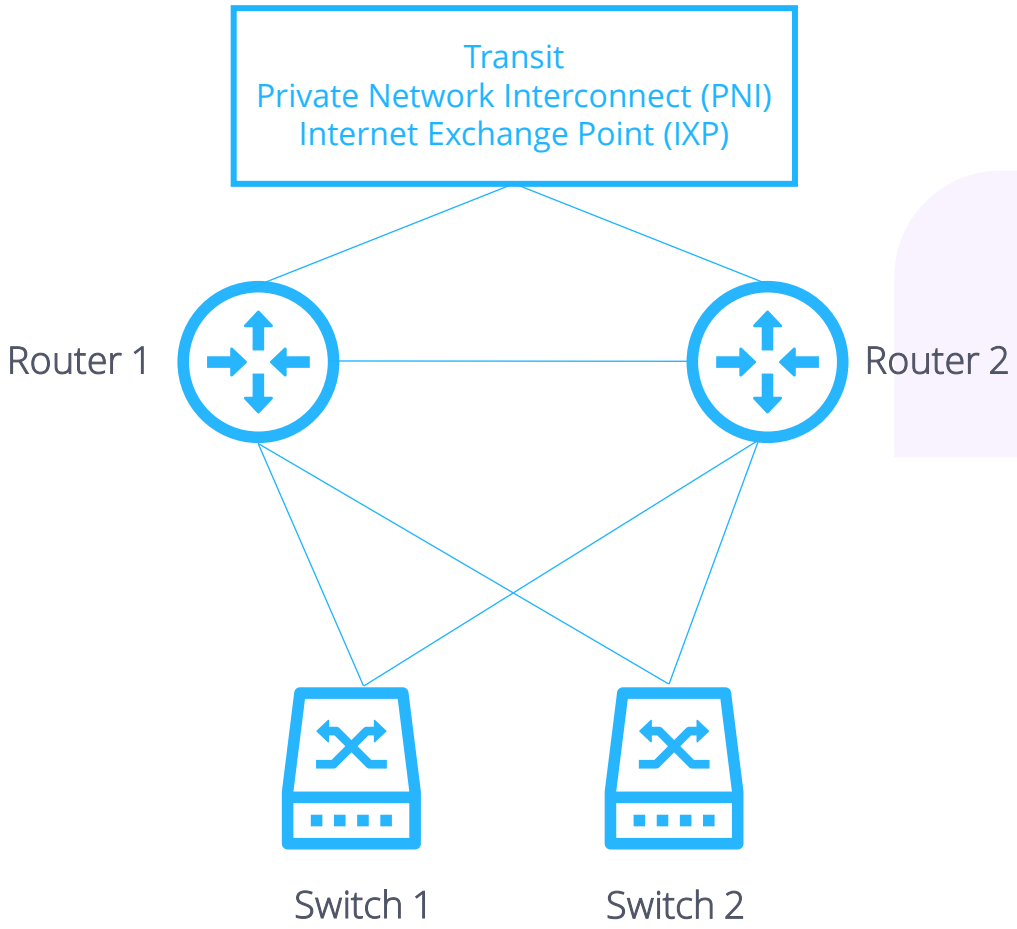
Guaranteed low latency

Private global backbone

- **Bandwidth usage is monitored, controlled, and rerouted** as necessary to ensure high quality coverage and low latency.
- **Customer-specific traffic engineering routing policies** are implemented using Border Gateway Protocol (BGP).
- **Dual-core router architecture** creates additional redundancy and connection options.



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IP Transit

Case Study

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Case study: Video-based social network

Zenlayer helps client rapidly expand and improve global user experience

Background

- Client manages a social platform which enables users to join **real-time online group activities** through voice, text, and especially video.
- Users increased exponentially in 2019 – reaching **well over 200 million active users** – and average daily usage increased by over an hour.

Challenges

- The increase in popularity and concurrent users put pressure on user experience, performance, and streaming audio and video quality.
- Usage was increasing in regions where the Client did not have infrastructure solutions in place.

Solution

- ✓ **Content was migrated** from a public cloud to private bare metal servers.
- ✓ **Edge PoPs** were deployed near users.
- ✓ **IP Transit via Zenlayer's private, global backbone** was used to deliver content between edge PoPs.
- ✓ **Packet loss was reduced by 10%** in emerging markets during peak periods.
- ✓ Zenlayer's extensive resources and redundancy **increased network reliability to 99.99%.**
- ✓ The Client enjoyed both **better user experience and lower costs** compared to their previous infrastructure.

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Improve digital experiences. Instantly.

Global offices

Los Angeles (HQ)
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