Cloudflare and Megaport Network Interconnection

Keep even your most sensitive data protected at the network edge, with private, secure, high-performance interconnection

Challenges

Enterprises increasingly need to store more regulated and sensitive data at the network edge. This increases the urgency of connecting edge networks to data centers privately and securely. Exposing network traffic to the open internet introduces additional risks, latency, and difficult-to-forecast bandwidth costs.

Solution

Cloudflare's partnership with Megaport allows mutual customers to connect privately at Layer 2, without requiring added physical cabling. Customers simply order a port and virtual connection through the Megaport portal, and the Megaport platform establishes the connection to all Cloudflare's services while maintaining connectivity to customers' traditional cloud provider.

Benefits

Variable speeds: With Megaport, select speeds from 50MB to 10GB and scale from 1MB to 10GB based on workload

Reliable and consistent: Dedicated, high capacity link ensures the performance is reliable and consistent when compared to the public Internet

Private and Secure: The highest level of protection with private, secure layer 1 or layer 2 links into the Cloudflare network

Software defined: Software defined and managed means on-demand provisioning with user controlled scalability. Connect at sub-rate speeds to avoid idle capacity and wasted costs.

Megaport and Cloudflare Magic Transit

- Combining Cloudflare's Magic Transit product with Megaport's SDN capabilities produces a more secure, lower cost connection between your network and Cloudflare's layer 3 DDoS Protection

- The Cloudflare / Megaport Network Interconnection offering is currently live in 15 markets in the Americas (Ashburn, Chicago, Dallas, Los Angeles, Miami, New York, San Jose, Seattle and Toronto), Europe (Amsterdam, Frankfurt and London) and Asia (Singapore, Sydney and Tokyo). For additional locations, please contact your Megaport or Cloudflare Account Manager
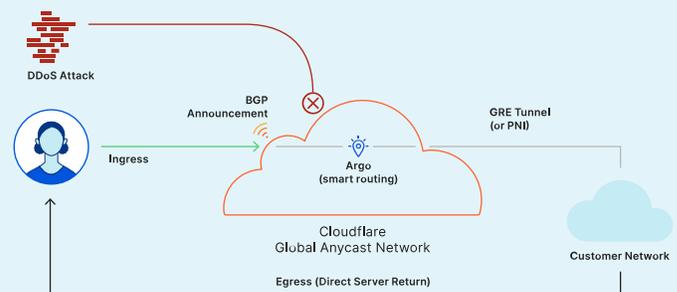
Connect

Using BGP route announcements, custom network traffic is ingested by Cloudflare

Protect and Process

All traffic inspected for attacks automatically and immediately

Accelerate

Clean traffic is routed back to the customer network over Cloudflare Network Interconnect