

IP Connect

Tired of waiting for your ISP to turn-up your Internet circuit? Successful modern enterprises must be able to deploy and scale their network and IT infrastructure faster if they wish to remain competitive.

Yet traditional Internet circuit provisioning can take days or weeks to complete. Adding to the frustration of many IT leaders, it has been increasingly challenging to accurately forecast bandwidth and overall IT capacity requirements more than a few months at a time. This has forced many businesses to initially over-provision to assure adequate bandwidth to scale as demand grows.

THE SOLUTION: ON-DEMAND INTERNET BANDWIDTH, GET ON WITH IT

Deploy and configure Internet connectivity while you rack and stack your IT infrastructure. Connect with Cyxtera's IP Connect Internet service without waiting weeks for circuit turn-up.



BENEFITS

Faster time to market from on-demand network services - IP Connect available in three business days

Respond quickly to changes in demand and new requirements – real-time bandwidth changes up to 1Gbps via API or web console

Reduced IT cost with remote network provisioning and configuration and a pay as you go model

WHAT IS IP CONNECT?

IP Connect is a blended Internet bandwidth service providing connectivity to two or more tier 1 IP backbones. The service is delivered to Cyxtera data center customers over the Cyxtera Extensible Data Center (CXD) platform. IP Connect is available to CXD Compute Node and colocation customers.

IP Connect includes:

- Multi-homed connection
- DDoS Mitigation
- Leased IPv4 and IPv6 address blocks
- Fixed and burstable bandwidth options
- Cross connect included
- 24/7 monitoring

HOW IT WORKS

IP Connect is delivered via fixed rate VLAN across the CXD network fabric to either a CXD Unified Services Port (USP), or CXD Single Service Port (SSP). CXD ports are available over CAT6 copper up to 100Mbps and single-mode fiber up to 1 Gbps.

DATA CENTER SERVICES IP CONNECT INFORMATION SHEET

TECHNICAL SPECIFICATIONS

IP Connect supports both IPv4 and IPv6. The service is delivered over a multi-homed connection (primary and fail-over) to assure a high level of availability and provides access to multiple tier 1 IP backbones. Cyxtera colocation customers must purchase a CXD port (either Single Service Port or Unified Services Port) as the

IP Connect service is delivered over the Cyxtera Extensible Data Center (CXD) platform. The Internet bandwidth is sold at defined committed information rates (CIR) and allows bursting up to 1 Gbps. Utilization over the CIR is subject to an overage charge.

		IP Connect CIR Options							
Port Speed	Handoff Type	Connector	10 Mbps	20 Mbps	50 Mbps	100 Mbps	300 Mbps	500 Mbps	1 Gbps
100 Mbps	CAT6 Copper	RJ45	X	X	X				
1 Gbps	Single-mode Fiber	LC	X	X	X	X	X	X	X
10 Gbps	Single-mode Fiber	LC	X	X	X	X	X	X	X

IP ADDRESSES

IP Connect customers will be provided with a small IP address block and additional addresses may be purchased. If required a customer may provide their own registered IP address block.

IPv4

- /29 CIDR block (8 addresses, 3 usable) provided at no additional cost to each IP Connect customer
- Additional blocks are available upon request for an additional fee

IPv6

- /56 CIDR block provided at no additional cost to each IP Connect customer

ROUTING

IP Connect supports either static default routing or border gateway protocol (BGP) routing over customer connections. If a customer wishes to use BGP they may provide an autonomous system number (ASN) or Cyxtera will provide a private ASN during provisioning.

AVAILABILITY

IP Connect is available in all CXD platform enabled facilities. CXD is initially available in Cyxtera's Dallas, Texas data center. Future CXD deployments will follow in other markets. Contact your Cyxtera sales representative for current availability.



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