

Cert Data Center

CME CERT Data Center is a customer-managed connectivity solution providing access to the CME Certification and New Release platforms within CME Co-location facilities at DC3 in Aurora, 350 East Cermak, Equinix NY4/NY5 in Secaucus and Equinix LD4/LD5 in Slough.

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Establishing Cert Data Center Connectivity

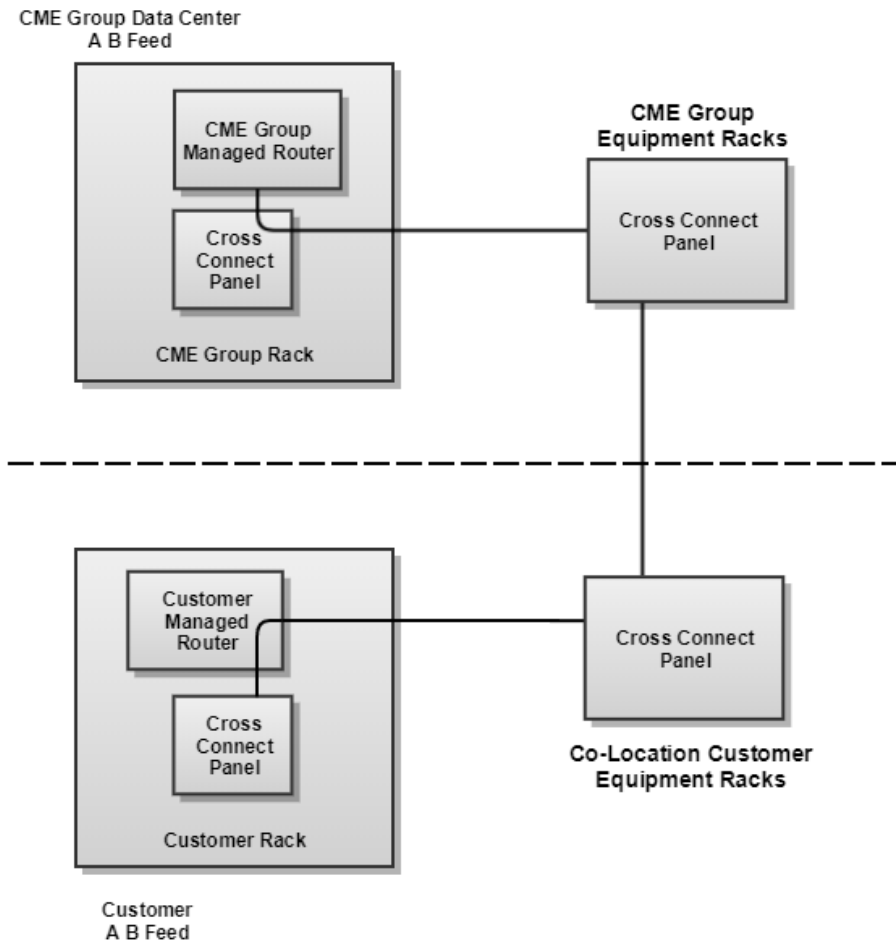
1. Contact your [Global Account Manager](#) to review the offering and review required paperwork.
2. After paperwork is received, the CME Group ECHO (Exchange Connectivity & Hosting Operations) team will contact you.

Technical Overview

Circuit Specifications

1 Gig

- single cross connect with 1 Gbps hand-off
- Single-mode fiber
- 1000BASE-LH long-wavelength/long haul



- All connections at the facility are single-mode fiber.
- A and B feeds are sourced from the same data center.

CERT Data Center Connectivity Procedures

Customer Requirements

For CERT Data Center connectivity, customers must meet the following requirements:

- At a minimum the customer must provide a router or Layer 3 switch to terminate the 1 gbps single-mode fiber cross-connect, however,
- The point-to-point IP address must be configured on the interface closest to CME Group device.
- CME Group recommends that the customer check the Signal/Light levels at the time of turn up in order to attenuate levels to protect equipment.
- Customer's use of media converters is not recommended.
- The customer's SFP or GBIC must be compatible with long wavelength/long haul 1000BASE-LH SFPs.

Routing Requirements

- Customer routers must be capable of using advanced TCP/IP Protocols including BGP and multicast, specifically PIM Sparse Mode.
- BGP routing must be used on the routers terminating CME Group connections.
- All IP packets destined for CME Group must be sourced from CME Group-assigned private address space.
- Multicast PIM Sparse Mode must be used.

Restrictions

The following restrictions apply to CERT Data Center connectivity:

- No site-to-site connectivity.
- No direct server connectivity into CME CERT/NR.
- CME Group will not accept traffic sourced from any customer's public IP space.
- Customer hardware must be capable of supporting quote streams (e.g., PIM sparse mode).