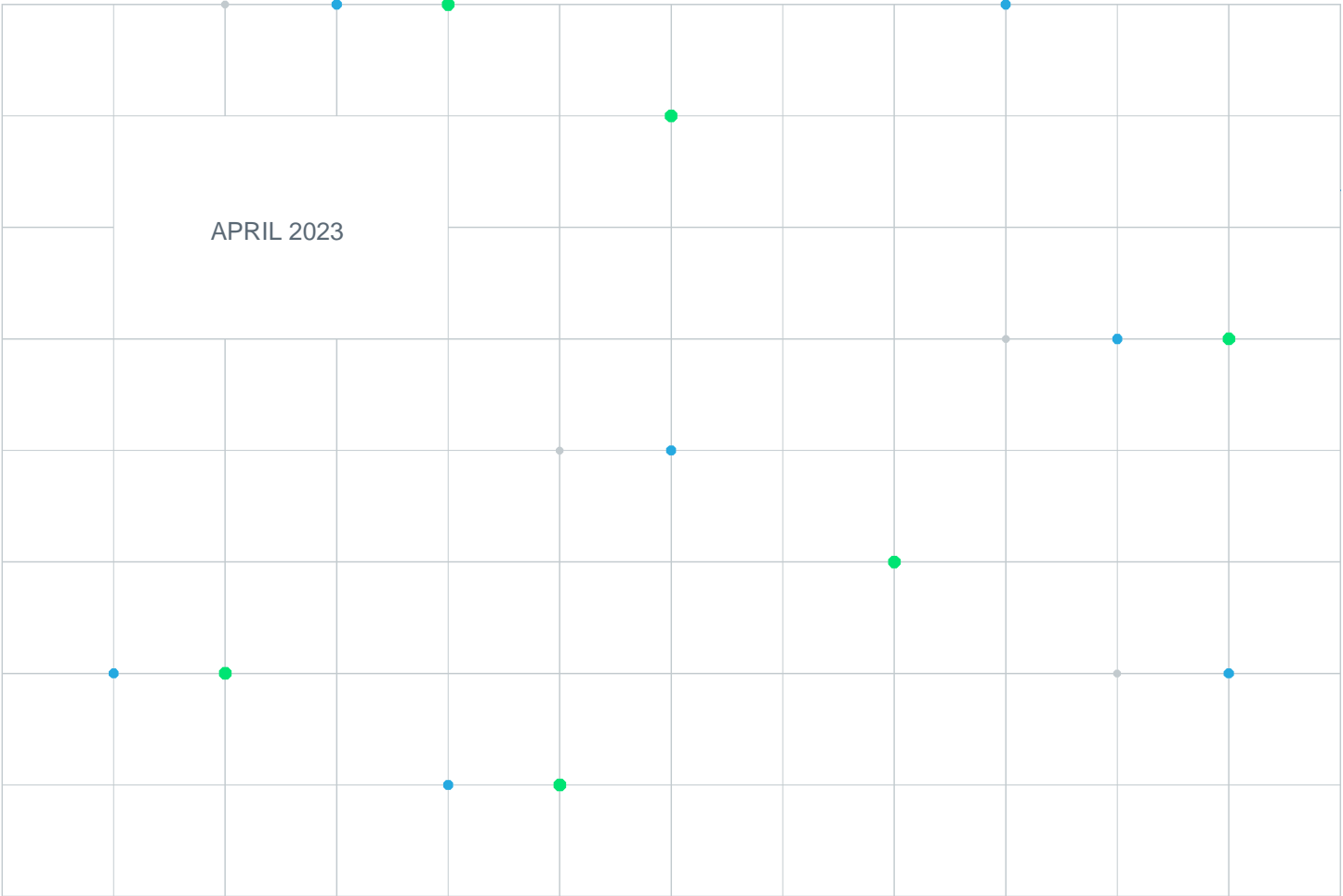


EBS Connectivity Policies



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Equidistant Cross Connect Policy (ECC)

In addition to the Equinix Global IBX Policies, the following policies apply to Equidistant Cross Connect (ECC) service.

- For a customer to order an ECC they must be an Equinix Licensed Space customer in any of the following Equinix IBX locations; NY2, NY4, NY5, LD4 and LD4.2.
- When an EBS customer orders a GLink service, CME Group will issue a LOA that the customer uses to complete their Equinix ECC order.
- Equidistant Cross Connects are installed outside of trading hours.
- To minimize risk, disconnects of these cross-connects will be completed only on weekends from Friday at 5:30 pm to Sunday at 11 am - Eastern Time for Secaucus and Slough.
- The pre-patching of an ECC is not permitted. CME Group engineers will perform equidistant testing to certify each cross connect.
- Customers can only connect to CME GLink ports on the patch panels within their Licensed Space. The Equidistant Cross Connect cannot be connected directly to the customer's equipment within their Licensed Space.
- All connectivity will be equidistant to a set length plus up to 12 inches of additional fiber. CME Group will test the optical latency of each fiber, to ensure it is within CME Group's acceptable parameters.
- Customers are not allowed to tamper with, modify, move or in any way change the physical characteristics of the Equidistant Cross Connect.
- In the event that CME Group determines the customer's Equidistant Cross Connect is outside the published specifications, CME Group reserves the right to terminate the cross connect or suspend or terminate the associated GLink service.
- CME Group reserves the right to not issue a LOA if customer's A-side is in certain non-serviceable areas within these facilities, e.g., mezzanine and roof top cabinets.
- If a customer cancels their GLink service, CME Group reserves the right to cancel the related ECC with Equinix. Customer and CME Group, A-side and Z-side, can issue an ECC disconnect order. Before Equinix performs the disconnect they will inform the other customer of an impending disconnection.
- Equinix will install the ECC ordered by a customer ("A-side") only if CME Group ("Z-side") approves such ECC with the issuance of a LOA ("Letter Of Authorization").

- CME Group or its third-party data center vendor shall be entitled to conduct on-site or remote inspections on the Licensed Space under contract with the third-party data center provider regarding the compliance with all policies and regulations applicable for the trading of products on EBS. The subject matter of the audit shall be the compliance with the policies and rules established by CME Group and or its third- party data center vendor and the compliance with regulation applicable to regulated entities that are part of the CME Group (such as, where applicable, the EU requirements concerning fair and non-discriminatory co-location services and fee structures (Commission Delegated Regulation (EU) 2017/573)). The Licensed Space customer shall cooperate and support the audit.
- EBS customers with Equidistant Cross Connect services must comply with Equinix Global IBX Policies as posted on Equinix's web site: <https://www.equinix.com/resources/product-documents/ibx-policies/>

GLink Policy

CME GLink service policies in Secaucus and Slough differ from Aurora. The following policies apply to all EBS customers who access the GLink service:

- EBS customers who sign the required EBS documentation and are Equinix Licensed Space customers in specified IBX locations, Secaucus (NY2, NY4 or NY5) or Slough (LD4 or LD4.2) can order GLink service.
- Customer's connection to CME GLink in Secaucus and Slough must terminate within a customer's Equinix Licensed Space in the IBX locations stated above.
- CME GLink may not be terminated to a carrier or other transport offering.
- CME Group will issue a Letter of Authorization ("LOA") for each GLink service ordered by the customers. GLink service will only be provisioned utilizing Equinix-provided Equidistant Cross Connects.
- CME Group reserves the right to limit the number of GLink services a customer can order.
- CME GLink service is market specific; therefore, a unique GLink service is required for each market.
- CME GLink service in Secaucus and Slough cannot access F&O AND BTEC markets.
- CME GLink service is for the sole use of the contracted company
 - Clients hosted by an ISV must have their own GLink connection when a UDP entitlements is required. The client will be billed for the GLink service directly. The ISV hosted customer is responsible for reporting on their GLink's use to CME.
 - Clients with TCP-only requirements may be permissioned on a "shared" GLink by the ISV to applicable TCP channels. The client will be charged a Glink access fee equivalent to the non-Ultra discounted Glink rate.
 - Customers subleasing an ISV GLink connection will be billed directly.
 - There will be no charges directly billed to the ISV for their GLink connections

RNet Policy

The following policies apply to all EBS customers who access the RNet service:

- Customers must sign the required EBS documentation.
- Customer's connection to CME RNet in Secaucus, Slough and Tokyo must terminate within a Equinix Licensed Space cabinet.
- CME Group will issue a Letter of Authorization ("LOA") for each RNet service ordered by the customers. RNet service will only be provisioned utilizing Equinix-provided Cross Connects.
- CME Group reserves the right to limit the number of RNet services a customer can order.
- CME RNet service in Secaucus, Slough and Tokyo can only access EBS Direct 2.0, CPT and EBS Workstation. CME RNet cannot access F&O or BTEC markets.
- Third Party service providers with a vendor agreement in place with EBS, can order a single CME RNet service on behalf of many different clients.

Customers using a Third Party service provider can order dedicated RNet service. The Customer will need their Third Party provider to order cross connects to complete the RNet connection. A carrier with Licensed Space in these facilities would be considered a Third Party service provider.

Globex Hub – Tokyo (TY3/TY5)

The policies below are for Globex Hub – Tokyo (TY3/TY5) customers in Tokyo TY3 and TY5 locations.

- EBS customers who sign the required EBS documentation and are Equinix Licensed Space customers in specified IBX locations, Tokyo (TY3 and TY5) can order Globex Hub – Tokyo (TY3/TY5) service.
- CME Group will issue a Letter of Authorization (“LOA”) for each Globex Hub – Tokyo (TY3/TY5) service ordered by the customers. Customers will submit the LOA to Equinix with their cross connect request. Globex Hub – Tokyo (TY3/TY5) service will only be provisioned utilizing Equinix-provided cross connects.
- EBS customers who sign the required EBS documentation and are not Equinix customers can order Globex Hub – Tokyo service. Globex Hub – Tokyo (TY3/TY5) customers can utilize a carrier that is an Equinix Licensed Space customer in TY3 or TY5 to deliver the service to customers not collocated in these facilities.
- CME Group will issue a LOA to the carrier selected by the Globex Hub - Tokyo customer for each service ordered. The carrier will submit the LOA to Equinix with their cross connect request. Service will only be provisioned utilizing Equinix provided cross connects.

CME Globex Hub – Aurora Policy

CME Globex Hub - Aurora service is offered from the CME Co-Location facility in Aurora to eligible Licensed Space customers. All CME Group policies apply in addition to the following:

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- Only CME Colocation Licensed Space customers in Aurora with an EBS Agreement in place are eligible to order CME Globex Hub – Aurora service.
 - All appropriate EBS paperwork must be completed and signed to order CME Globex Hub – Aurora service.
 - Customer's connection to CME Globex Hub - Aurora must terminate within a customer's Licensed Space in Aurora.
 - CME Globex Hub - Aurora may not be terminated to a carrier or other transport offering.



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