

GUIDE

INTERNET EXCHANGE PORTAL QUICK START GUIDE



EQUINIX

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INTRODUCTION

Equinix is the leading global provider of peering and interconnection services. With tens of thousands of inter-customer cross connect circuits and 19 Internet Exchange Points (IXPs), Equinix provides an environment designed to foster interconnection at our 100+ global data centers.

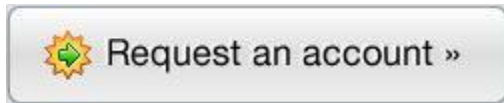
The Equinix IX Portal provides peering participants with a variety of resources to optimize interconnection, including traffic trend data, assistance for finding potential new peers, global contacts, technical information and diagrams. Access to this information is included as part of our Internet Exchange offering, available at 19 global locations.

Using the IX Portal, Equinix peering participants can perform the following functions:

- View SFlow Traffic Statistics
- View Internet Exchange participants
- Sign up for the Multi-Lateral Peering Exchange
- Find peers
- View a list of Equinix GRX participants
- View GRX traffic statistics
- View a glossary of Internet Exchange terms

REGISTERING FOR AN EQUINIX INTERNET EXCHANGE PORTAL ACCOUNT

To register for a user account, go to the Internet Exchange Portal login page at <http://ix.equinix.com>. Below the login fields, click the “Request an account” link:



You'll be taken to the “Request an Account” page:

A screenshot of the Equinix Internet Exchange Portal "Request an Account" page. The page header features the Equinix logo and the text "INTERNET EXCHANGE PORTAL". Below the header is a navigation bar with "SERVICES" and "HELP" links. The main content area is titled "REQUEST AN ACCOUNT" and includes a link for existing users to "log in here". The registration form consists of several input fields: "First name:", "Last name:", "Company name:", "Title:" (with an "Optional" label), "Phone number:", and "Email address:". Below the form, there is a disclaimer about email usage and a link to the "Terms of Use and Privacy Policy". At the bottom of the form area, there is a "Create my account »" button and a "Cancel" link. The footer of the page contains links for "Contact Us", "Terms of Use", "Privacy Policy", and "Equinix.com".

- On the “Request an Account” page, you can enter your name, company, title, phone number and email address. Please use your corporate email address and not a personal email address.
- When choosing to request an account, you are agreeing to Equinix’s Terms of Use and Privacy Policy. These documents can be viewed by clicking their respective links on this page.
- When finished, click the “Create my account” button.
- Access will be granted within 24 hours.

LOGGING IN TO THE INTERNET EXCHANGE PORTAL

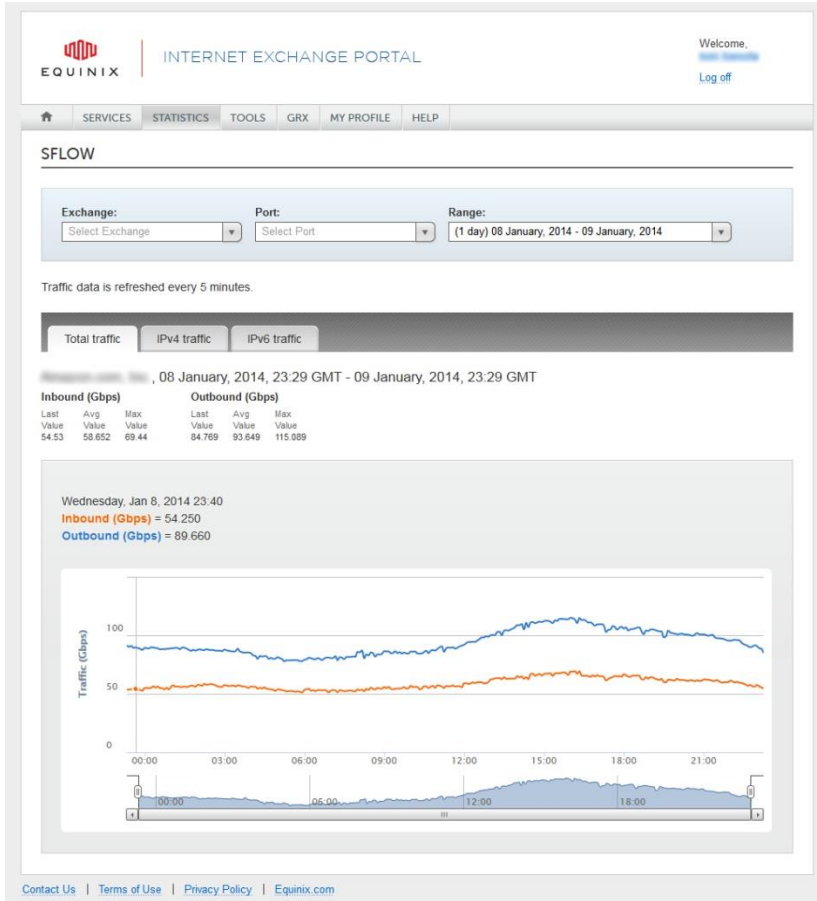
To log in to the Internet Exchange Portal, go to <http://ix.equinix.com> and enter your username and password, then click the “Login” button.

The screenshot shows the Equinix Internet Exchange Portal homepage. At the top left is the Equinix logo. To its right is the text "INTERNET EXCHANGE PORTAL". Below this is a navigation bar with a home icon, "SERVICES", and "HELP". The main content area features a large banner with the heading "Equinix Internet Exchange locations around the world". The banner includes a map icon with a red pin and text describing Equinix as a global provider of peering and interconnection services. To the right of the banner is a login form titled "Log in to the Equinix Internet Exchange Portal" with fields for "Username" and "Password", a "Login" button, and a link for "Forgot your username or password?". Below the login form is a section titled "Don't have an account?" with text about submitting a registration form and a "Request an account" button. At the bottom of the page is a footer with links for "Contact Us", "Terms of Use", "Privacy Policy", and "Equinix.com". A breadcrumb trail at the bottom of the main content area includes "INTERNET EXCHANGE PORTAL", "EXCHANGE LOCATIONS" (which is underlined), "PEERING", "MLPE", "GRX", and "IPv6".

If you need additional help logging in to the Internet Exchange Portal, you can contact your local Equinix service desk or visiting the [“Customer Support Page”](#)

SFlow (TRAFFIC STATS)

The Internet Exchange Portal allows you to view your IX inbound and outbound traffic statistics in an easy-to-use, configurable format. You can view the traffic at an individual port level or at a global aggregated level or anywhere in between. The Internet Exchange Portal presents all the IX ports that your company owns globally.



IX PARTICIPANTS LIST

A list of all Equinix IX participants, their locations, and IP addresses can be found on the IX Portal. You can filter and sort the list to meet your criteria. This list can also be downloaded to your desktop as an exportable report.

The screenshot shows the Equinix Internet Exchange Portal interface. At the top, there is a navigation menu with options: SERVICES, STATISTICS, TOOLS, GRX, MY PROFILE, and HELP. The main heading is "IX PARTICIPANTS LIST".

Below the heading, there is a search section for "Participants" with a text input field "Enter a participant name or ASN" and an "Add" button. To the right, there are filter options for "Features" and "Locations".

Features:

- IPv4 & IPv6
- IPv4 only
- IPv6 only
- Bi-lateral & MLPE
- Bi-lateral only
- MLPE only

Locations: A dropdown menu is present.

Below the filters, there is a table of participants. The table has columns for Company-All, ASN, and various location abbreviations (AT, CH, DA, DC, FL, GV, HK, LA, NY, PA, PO, SE, SG, SV, SY). A legend at the top of the table indicates: v4:IPV4, v6:IPV6, 4/6:IPV4 & IPV6, P:Pending.

Company-All	ASN	AT	CH	DA	DC	FL	GV	HK	LA	NY	PA	PO	SE	SG	SV	SY
123.NET, INC.	12129		V4		V4											
Aarnet Pty Ltd	7575											V4				V4
Absolight	29608											4/6				
Accenture Ltd	24488															V4
ACE DATA CENTERS...	11798		V4						4/6	4/6						V4
ACROPOLIS COMPUT...	29513											V4				
AD VALEM TECHNOL...	48528											4/6				
ADAMS CATV, INC	14928					4/6										
ADOBE SYSTEMS, I...	15224				V4											V4
ADVANCED TEL, LLC	5009		4/6													
AFILIAS LIMITED	12041				4/6							4/6				
AFK Sistema OAO	8359				4/6						4/6					
AFNIC	2486											4/6				
Afone	34510											4/6				
AIRCANOPI INTERN...	36049		V4													

At the bottom of the table, there is a pagination control showing "1 to 16 of 745" and a set of numbered links (1, 2, 3, 4, 5, 6, 7, 8, 9, 10).

Footer links: Contact Us, Terms of Use, Privacy Policy, Equinix.com

MLPE REGISTRATION

Sign up for a Multi-Lateral Peering Exchange that automates peering for open networks by providing route servers for participants to exchange routing information with multiple peers using only a single Border Gateway Protocol session.

MLPE Participation
 Upon submission, your information will be sent to the Equinix NSE (Network Service Engineers) team for provisioning. If you have any questions or wish to update your Equinix IX Portal contact information, please email peering@equinix.com.

Primary Contact:
 [Redacted]

AS-SET:

MDS
 Secure MLPE BGP session with MDS

MLPE participation sites

Location	AS Number	IP V4	IP V6
Ashburn	16509	<input type="checkbox"/> 206.223.115.35	
		<input type="checkbox"/> 206.126.236.35	
		<input type="checkbox"/> 206.126.237.35	
		<input type="checkbox"/> 206.223.115.68	
		<input type="checkbox"/> 206.126.236.68	
Chicago	16509	<input type="checkbox"/> 206.126.237.68	
		<input type="checkbox"/> 206.223.119.98	
Dallas	16509	<input type="checkbox"/> 206.223.118.150	<input type="checkbox"/> 2001:0504:0000:0005:0000:0001:6509:0002
		<input type="checkbox"/> 206.223.118.110	<input type="checkbox"/> 2001:0504:0000:0005:0000:0001:6509:0001
Los Angeles	16509	<input type="checkbox"/> 206.223.123.35	
New York	16509	<input type="checkbox"/> 198.32.118.102	
Palo Alto	16509	<input type="checkbox"/> 198.32.176.36	
Paris		<input type="checkbox"/> 195.42.144.162	
San Jose	16509	<input type="checkbox"/> 206.223.116.177	
Seattle	16509	<input type="checkbox"/> 198.32.134.41	
Vienna	16509	<input type="checkbox"/> 198.32.190.23	

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FIND PEERS

View your current peers and search for potential peers on this page. You can filter them by their locations and peering type.

HOME SERVICES STATISTICS TOOLS GRX MY PROFILE HELP

FIND PEERS

View shared port data by selecting view and feature options, or search by company name.

View

All peers

Active peers

Potential peers

Features

IPv4 & IPv6

IPv4 Only

IPv6 Only

Bi-lateral & MLPE

Bi-lateral only

MLPE only

Search Company

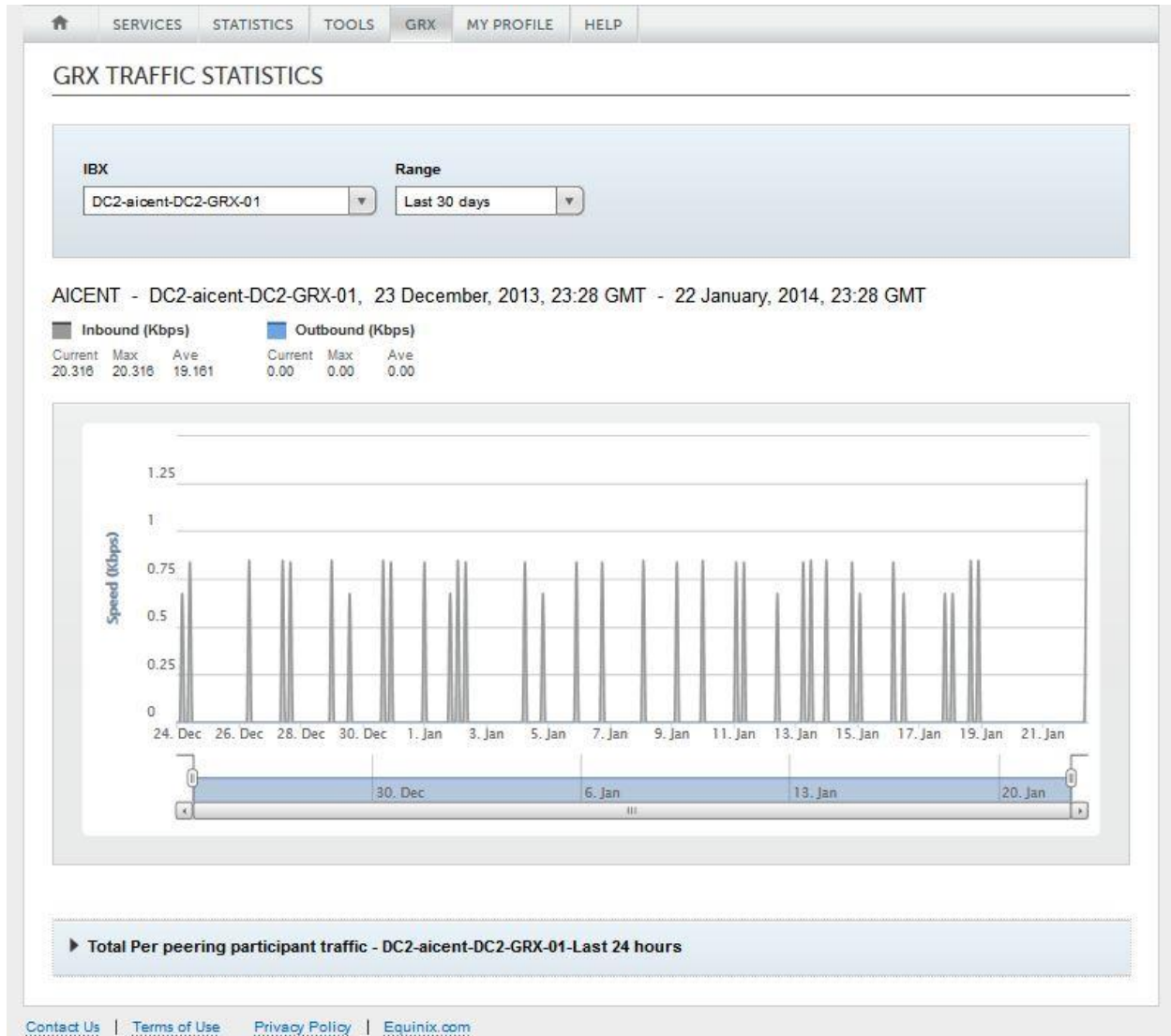
Company - all	ASN	LA	SV	SE	PO	CH	VA	NY	DC	DA	PA
123.NET, INC.	12129										
ACE DATA CENTERS...	11798										
ADAMS CATV, INC	14928										
AFILIAS LIMITED	12041										
AFK Sistema OAO	8359										
AFNIC	2486										
API DIGITAL COMM...	14793										
APPNEXUS INC.	29990										
ARTISAN PARTNERS...	19151										
ASSOCIATION REZO...	43100										
ATE - AVENIR TÉL...	35625										
ATLANTECH ONLINE...	7784										
AUSREGISTRY GROU...	58620										
AXIALYS	16363										
AXIONE	31167										

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GRX TRAFFIC STATISTICS

Here you can view statistics on the exchange of traffic between your network and other GRX participants.



IXP TERMS DEFINED

1. **sFlow:** A method of collecting network traffic statistics from network hardware. Used to compute the inbound and outbound traffic statistics on the IX Portal. For standards reference please see <http://www.ietf.org/rfc/rfc3176.txt>
2. **GRX: GPRS(Genral Packet Radio Service) Roaming eXchange.** A platform allowing the exchange of roaming traffic between mobile network providers.
3. **GRX Location:** An Equinix IBX location or campus with a GRX present.
4. **IX Platform:** A network platform enabling the exchange of IP traffic between multiple peers on a many-to-many basis
5. **IX Point:** A specific instance of an IX Platform
6. **BGP: Border Gateway Protocol.** A standardized exterior gateway protocol designed to exchange routing and reachability information between autonomous systems on the internet
7. **BGP Session:** A routing session configured between two peers using the BGP. For standards reference, please see <http://www.ietf.org/rfc/rfc4271.txt>
8. **IPv4: Version 4** of the **IP** protocol providing 32-bit addresses. For standards reference, please see <http://www.ietf.org/rfc/rfc791.txt>
9. **IPv6: Version 6** of the **IP** protocol providing 128-bit addresses. For standards reference, please see <http://www.ietf.org/rfc/rfc2460.txt>
10. **NOC: Network Operations Center**

HELP

For additional assistance, click “Help” in the portal navigation bar. You’ll be taken to a page containing resources for contacting your regional Equinix service desk, along with the Internet Exchange Portal team.

If you have an issue placing a virtual circuit request or using portal features, please contact your regional Equinix service desk or visiting the [Customer Support Page](#).

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About Equinix

Equinix, Inc. (Nasdaq: EQIX), connects more than 4,500 companies directly to their customers and partners inside the world's most networked data centers. Today, enterprise, cloud, networking, digital media and financial services companies leverage the Equinix interconnection platform in 32 strategic markets across the Americas, EMEA and Asia-Pacific.

By connecting directly to their strategic partners and end users, customers are forming dynamic ecosystems inside Equinix. These interconnected ecosystems enable companies to optimize the performance of their content and applications and protect their vital digital assets.