

Trademark/service mark application, Principal Register

Serial number: 99937139

Mark: PCH

Mark format: Standard character

Owner name: Packet Clearing House, Inc.

Filing date: July 13, 2026 at 2:38:50 PM ET

Docket number: WOW-116T

Amount paid: \$700 (2 classes)

Filing receipt for trademark/service mark application, Principal Register and next steps in the application process

Thank you for submitting your trademark application to the U.S. Patent and Trademark Office (USPTO)! You have started the legal process to federally register your mark.

This filing receipt confirms that you successfully submitted your application, which now must be reviewed to see if it qualifies for registration. Registration is not *automatic or guaranteed*. Below you will see your mark, the serial number assigned to your application, and a description of what happens next in the application process. Carefully review this information to make sure it is correct and so you know what to expect. We also highly recommend keeping a copy for your records.

Please pay attention to the section below regarding scams and read the [Protect against scams section](#) on our website. Also, we encourage you to take advantage of the resources we have linked at the end for first-time applicants, startups, and women entrepreneurs.

Your mark

PCH (standard characters, mark.jpg)

The literal element of the mark consists of PCH. The mark consists of standard characters, without claim to any particular font style, size, or color.

Your serial number

Your application was assigned serial number 99937139. You must refer to your serial number in all communications about your application.

What you should do right now

Review your application data below for any errors. If you find an error, visit the [After You File webpage](#) for information on correcting errors.

What we do next

Now that your application has been submitted, it will eventually be assigned to an examining attorney. The examining attorney reviews your application to make sure it meets all of the legal requirements and that your mark is registrable. To learn more, please visit the [Examination of your application webpage](#) and the [Trademark basics webpage](#).

Marks with a design element

If your mark includes a design element, we'll assign it one or more [design search codes](#). We'll notify you of these codes within the next several weeks and you can suggest that we add or delete a design search code from your file.

Timing

It will take some time before you hear from the examining attorney. Check out [what impacts how long it takes to register](#) your mark and the [current average processing times](#).

Office actions

If your application does not meet all of the requirements, you'll receive a communication from your examining attorney called an "office action." This doesn't automatically mean your mark isn't registrable. It describes any issues the examining attorney found in your application. Your reply to an office action is an opportunity to resolve the issues. You must reply by the deadline to continue the application process and avoid abandonment of your application.

If you have questions, see [how to respond to office actions](#) or call the assigned examining attorney. The attorney's contact information is included in the office action. They can help clarify the issues raised in the office action at no cost to you. Please keep in mind that they cannot provide you with legal advice.

What else you should do

These are things to monitor while your application moves through the examination process.

Keep your addresses current in USPTO records

If your postal or email address changes, you must update the owner's address

using the [electronic filing forms](#) on our website. We don't extend filing deadlines if you don't receive USPTO mail or email.

Check your application status in our database every three to four months

To be sure that you don't miss an important email from us, and to avoid the possible [abandonment](#) of your application, check your application status and review your documents in our database, [Trademark Status and Document Retrieval \(TSDR\)](#), every three to four months.

TSDR contains your complete application record. It includes every communication we send you and every action related to your application.

Watch out for scams

Recognizing common signs of a scam can help you avoid costly mistakes. Scammers pretend to be from the USPTO, often state there's some sort of problem with your application, pressure you to act immediately, and tell you to pay some sort of fee or provide personal information. Some will even call you and use names, numbers, and locations of real USPTO employees to try to steal your money or personal information. USPTO employees will never ask you for your personal or payment information over the phone.

If you receive a notification about paying to publish your trademark in a directory, avoid doing so. Trademark directory listings aren't necessary. They're unofficial and not associated with the USPTO.

All official communications will be from the "United States Patent and Trademark Office" in Alexandria, Virginia, and from emails with the domain "uspto.gov." If you're unsure about whether a communication is from us, call or email the [Trademark Assistance Center](#) or check your records in our database, [TSDR](#). Any official communications we send you will be uploaded to your records in TSDR. Visit [protect against scams](#) on our website.

Stay current with USPTO

Sign up to get Trademark Alert emails to stay up to date with changes in the USPTO that may impact your application or registration. This may include upcoming system changes, events and roundtables, rules changes, and other operational matters.

How to sign up

On our [subscription center](#) webpage, select the Subscribe button, enter your

email address, and select the Submit button. Consent to the privacy policy and select the Submit button. You can choose to receive emails about all United States Patent and Trademark (USPTO) topics or specific topics (e.g., Trademark Alerts). Pick your areas of interest, then select the Submit button.

Provide feedback

You may receive a survey invitation in a separate email. Let us know how we can improve your experience.

Resources for new applicants

We have many resources available for small business owners, first-time applicants, and entrepreneurs taking the first step to protect their trademark. Read the [welcome letter](#) from our leaders for details.

Trademark details

Mark

PCH

Mark format

Standard character

The mark consists of standard characters, without claim to any particular font style, size, or color.

Owner information

*Name	Packet Clearing House, Inc.
*Entity type	Non-profit corporation
*Place of organization/citizenship	California
Mailing address information	
*Address line 1	1004 O'Reilly Avenue
*City	San Francisco
*State/territory	California
*Zip/postal code	94129
*Country/region/jurisdiction/territory	United States

*Email address	info@pch.net
Owner website URL	www.pch.net
Domicile address information	
The mailing address is the same as the owner's domicile address.	

Goods and services

Filing basis information

Section 1(a)

Identification of goods and services

International Class 041

Filing basis: Section 1(a)

Education services, namely, providing **seminars and workshops** in the field of **the interconnection of service providers with one another over the Internet**;
 Education services, namely, providing **seminars and workshops** in the field of **Internet topology, economics, routing, technology, and traffic exchange policy, all relating to the interconnection of persons and entities over the Internet**

Specimen Information

*First use anywhere date	At least as early as 01/05/1995
*First use in commerce date	At least as early as 01/05/1995
*Specimen file name	PCH_2026_Application_Specimen_041_0.jpg
URL	www.pch.net
Date of access	07/09/2026
*Description	screenshot of the applied-for mark as used in offering and rendering the listed services

Specimen Information

*First use anywhere date	At least as early as 01/05/1995
*First use in commerce date	At least as early as 01/05/1995
*Specimen file name	PCH_2026_Application_Specimen_041_042_1.jpg
URL	www.pch.net
Date of access	07/09/2026
*Description	screenshot of the applied-for mark as used in offering and rendering the listed services

Specimen Information	
*First use anywhere date	At least as early as 01/05/1995
*First use in commerce date	At least as early as 01/05/1995
*Specimen file name	PCH_2026_Application_Specimen_041_042_2.jpg
URL	www.pch.net
Date of access	07/09/2026
*Description	screenshot of the applied-for mark as used in offering and rendering the listed services

Specimen Information	
*First use anywhere date	At least as early as 01/05/1995
*First use in commerce date	At least as early as 01/05/1995
*Specimen file name	PCH_2026_Application_Specimen_041_042_3.jpg
URL	www.pch.net
Date of access	07/09/2026
*Description	screenshot of the applied-for mark as used in offering and rendering the listed services

Specimen Information	
*First use anywhere date	At least as early as 01/05/1995
*First use in commerce date	At least as early as 01/05/1995

*Specimen file name	PCH_2026_Application_Specimen_041_042_4.jpg
URL	www.pch.net
Date of access	07/09/2026
*Description	screenshot of the applied-for mark as used in offering and rendering the listed services

Specimen Information

*First use anywhere date	At least as early as 01/05/1995
*First use in commerce date	At least as early as 01/05/1995
*Specimen file name	PCH_2026_Application_Specimen_041_042_5.jpg
URL	www.pch.net
Date of access	07/09/2026
*Description	screenshot of the applied-for mark as used in offering and rendering the listed services

Specimen Information

*First use anywhere date	At least as early as 07/09/2026
*First use in commerce date	At least as early as 07/09/2026
*Specimen file name	PCH_2026_Application_Specimen_041_042_6.jpg
URL	www.pch.net
Date of access	07/09/2026
*Description	screenshot of the applied-for mark as used in offering and rendering the listed services

International Class 042

Filing basis: Section 1(a)

Technology consultation and research in the field of **the interconnection of service providers with one another over the Internet**; Computer security services, namely, restricting unauthorized access to **the Domain Name System (DNS)**; Computer security consultancy in the field of **Internet infrastructure**,

Internet Exchange Points (IXPs), the Domain Name System (DNS), and Domain Name System Security Extensions (DNSSEC)

Specimen Information	
*First use anywhere date	At least as early as 01/05/1995
*First use in commerce date	At least as early as 01/05/1995
*Specimen file name	PCH_2026_Application_Specimen_041_042_1.jpg
URL	www.pch.net
Date of access	07/09/2026
*Description	screenshot of the applied-for mark as used in offering and rendering the listed services

Specimen Information	
*First use anywhere date	At least as early as 01/05/1995
*First use in commerce date	At least as early as 01/05/1995
*Specimen file name	PCH_2026_Application_Specimen_041_042_2.jpg
URL	www.pch.net
Date of access	07/09/2026
*Description	screenshot of the applied-for mark as used in offering and rendering the listed services

Specimen Information	
*First use anywhere date	At least as early as 01/05/1995
*First use in commerce date	At least as early as 01/05/1995
*Specimen file name	PCH_2026_Application_Specimen_041_042_5.jpg
URL	www.pch.net
Date of access	07/09/2026
*Description	screenshot of the applied-for mark as used in offering and rendering the listed services

Specimen Information	
*First use anywhere date	At least as early as 01/05/1995
*First use in commerce date	At least as early as 01/05/1995
*Specimen file name	PCH_2026_Application_Specimen_041_042_6.jpg
URL	www.pch.net
Date of access	07/09/2026
*Description	screenshot of the applied-for mark as used in offering and rendering the listed services

Additional statements

*Translation (if applicable)	
*Transliteration (if applicable)	
*Consent (name/likeness) (if applicable)	
*Claim of ownership of active prior registrations(s) (if applicable)	The applicant claims ownership of active prior U.S. Registration No(s). 2686054 and 2570176.
*Section 2(f) Claim of acquired distinctiveness (if applicable)	
*Miscellaneous statements	
Significance of mark	
Disclaimer	

Attorney information

Attorney name and address

*Name	Thomas Patrick O'Connell
Law firm	O'CONNELL LAW OFFICE

*Address line 1	1026A Massachusetts Avenue
*City	Arlington
*State/territory	Massachusetts
*Zip/postal code	02476
*Country/region/jurisdiction/territory	United States
*Email address	tpo@oconnellusa.com
Primary telephone number	(781) 643-1845
Extension	None specified.

Attorney registration information

*Bar membership or registration number	567644
*Jurisdiction	MA
*Year of admission	1994

Statement of good standing

The attorney of record is an active member in good standing of the bar of the highest court of a U.S. state or commonwealth, the District of Columbia, or any U.S. territory.

Docket or reference number

WOW-116T

Correspondence information

*Correspondence name	Thomas Patrick O'Connell
*Primary correspondence email address	tpo@oconnellusa.com
Docket or reference number	WOW-116T

Fee information

Application filing option	Trademark/service mark application, Principal Register
Number of classes	2
Base application fee, per class	\$350
Total fees paid	\$700

Declaration and signature

Declaration

[X] Basis:

If the applicant is filing the application based on use in commerce under 15 U.S.C. § 1051(a):

- The signatory believes that the applicant is the owner of the trademark/service mark sought to be registered;
- The mark is in use in commerce and was in use in commerce as of the filing date of the application on or in connection with the goods/services in the application;
- The specimen(s) shows the mark as used on or in connection with the goods/services in the application and was used on or in connection with the goods/services in the application as of the application filing date; and
- To the best of the signatory's knowledge and belief, the facts recited in the application are accurate.

And/or

If the applicant is filing the application based on an intent to use the mark in commerce under 15 U.S.C. § 1051(b), § 1126(d), and/or § 1126(e):

- The signatory believes that the applicant is entitled to use the mark in commerce;
- The applicant has a bona fide intention to use the mark in commerce and had a bona fide intention to use the mark in commerce as of the application filing date on or in connection with the goods/services in the application; and
- To the best of the signatory's knowledge and belief, the facts recited in the application are accurate.

[X] To the best of the signatory's knowledge and belief, no other persons, except, if applicable, concurrent users, have the right to use the mark in commerce, either in the identical form or in such near resemblance as to be likely, when used on or in connection with the goods/services of such other persons, to cause confusion or mistake, or to deceive.

[X] To the best of the signatory's knowledge, information, and belief, formed after an inquiry reasonable under the circumstances, the allegations and other factual contentions made above have evidentiary support.

[X] The signatory being warned that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements and the like may jeopardize the validity of the application or submission or any registration resulting therefrom, declares that all statements made of his/her own knowledge are true and all statements made on information and belief are believed to be true.

*Electronic signature	/Thomas P. OConnell/
*Signatory's name	Thomas P. O'Connell
*Signatory's position	Attorney of Record, MA Bar Member
*Date signed	07/13/2026
Signature method	Signed directly within the form

Payment receipt

Owner: Packet Clearing House, Inc.

Mark : PCH

Serial Number : 99937139

Docket Number : WOW-116T

Number of classes : 2

Fee code description	Fee amount	Qty	Item total
Base application, per class	\$350	2	\$700
			Total paid: \$700

Payment method: CARD

Date payment received: 07/13/2026

STAMP:USPTO/APPB-73.219.247.231-20260713143850259-99937139-17.2-
9ea0d6b4-3fde-424a-911f-58cee5e95e67-CARD-20260713135258581217



Education

Packet Clearing House provides a variety of educational resources to the public, through both in-person classes and meetings and instructional documents.

Classes are generally offered in conjunction with a college or research institute and cover such topics as Internet topology and economics, routing and technology, and traffic exchange policy. Meetings tend to be focused narrowly, usually exploring a local or regional need for a new exchange facility or organization. Instructional documents, tutorials, and the published results of research are available for download here on our web site, or in hardcopy form.



Exchange Construction Workshop — Nairobi, Kenya



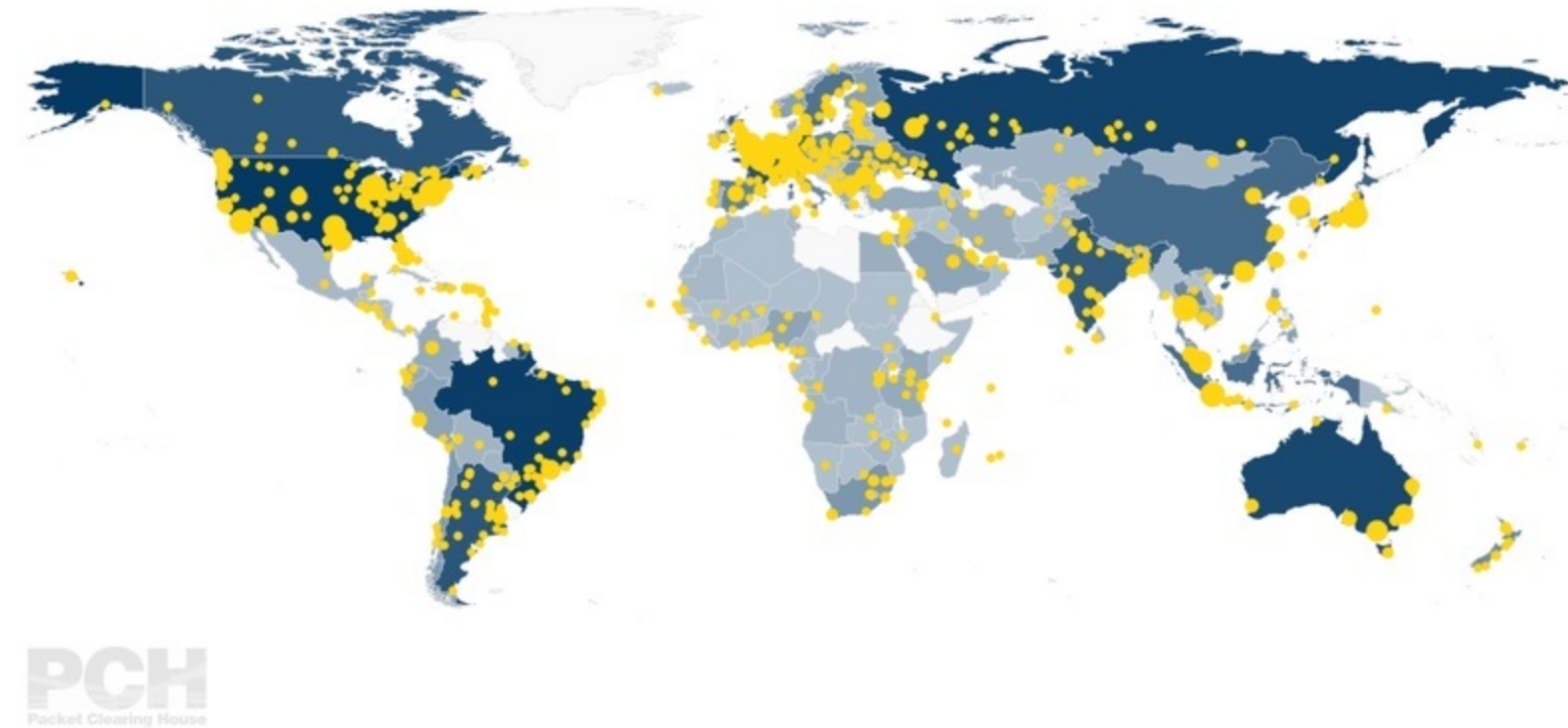
Internet Exchange Points

Packet Clearing House provides support both to Internet exchange facilities in the process of formation and to those that are already up and running. Although we supply the switching equipment that forms the technological core of exchanges, often our most valuable contribution is in the form of education, technical expertise, and mediation with policy and economic officials of the local government.

Some concrete examples of the support provided to Internet exchanges in the past year or two are the following:

- Facilitation of a multi-stakeholder dialogue in order to reach consensus on the establishment of an IXP in Chad - Mai 2022.
- Donation of IXP switch to N'Djamena IX in Chad and Lusaka IX in Zambia - October 2022.
- Continuous Support to Kinshasa IX (KINIX) by providing DNS and network security training to the Congolese Network community in Democratic Republic of Congo - November 2022.
- Onsite training and technical assistance to get the N'Djamena IX live in Chad - February, 2023.

As part of its research initiatives, PCH also maintains a directory of all Internet exchanges worldwide in the [IXP Directory](#) which currently has 1318 IXPs in it:





Regulatory & Policy

One of the principal means by which Packet Clearing House works to improve the stability and quality of the Internet is by furthering knowledge of Internet topology and economic concepts among members of the regulatory, finance, business development, and security communities in governments around the world. By assisting policy developers to understand how the Internet operates and how it improves economies, standards of living, and citizens' welfare and education, we believe that we can create a "network effect" by which simultaneous improvement of communications and technological education becomes not only self-sustaining within developing regions but mutually reinforcing as well. Critical to our success in this regard is the high degree to which we leverage and build on local expertise by supporting actors within their own communities through workshops, cross-training, knowledge-base development, and technological assistance.

Below is a list of activities, workshops and papers covering Internet regulatory and policy topics authored by PCH staff in the past years.

- Workshop on [Country Code Top Level Domain Administration and Operations](#) at the United States Telecommunications Training Institute (USTTI). This is recurrent workshop, twice per year.
- Workshop on [Communications Infrastructure Economics and Regulation](#) at the United States Telecommunications Training Institute (USTTI). This is recurrent workshop, twice per year.
- [Good Practices in Internet Exchange Point Documentation and Measurement \(PDF\)](#), Working Party on Communications Infrastructures and Services Policy, OECD, 2017.
- Keynote at the Canadian ISP Summit 2016 presenting the results of the [PCH/CIRA study on Canadian Network Interconnection \(PDF\)](#), November 2016.
- Keynote at the BEREC expert workshop on IP-Interconnection in co-operation with the OECD presenting the [2016 Survey of Internet Carrier Interconnection Agreements \(PDF\)](#), November 2016. [Session recorded in video](#).
- Keynote at the CTU Regulatory Forum on [C&W-Columbus Acquisition: Quantifying the Consequences for Caribbean Competition \(PDF\)](#), 2014.
- Workshop on [The role of IXPs in growing the digital economy \(PDF\)](#), organised at the IGF 2014.
- Workshop on [Building Technical Communities in Developing Regions \(PDF\)](#), organised at the IGF 2014
- [Internet Traffic Exchange: Market Developments and Policy Challenges](#), OECD Digital Economy Papers, No. 207, OECD Publishing, Paris. 2013.
- [On the Internet, Brazil is beating the US at its own game](#), article on Al-Jazeera American Edition, 2013.
- [Peering in Paraguay: Analysis and Recommendations 2012 \(PDF\)](#), Packet Clearing House analysis reports, 2012.
- [Toward Efficiencies in Canadian Internet Traffic Exchange \(PDF\)](#), commissioned by the Canadian Internet Registration Authority (CIRA), Sep 2012.
- [National & Regional Cyber-Defense: an Integrated Caribbean Strategy \(PDF\)](#). Caribbean Telecommunications Union Ministerial, May 2012.
- [National Internet Defense: Small States on the Skirmish Line](#), Communications of the ACM, 2011.
- [Survey of Characteristics of Internet Carrier Interconnection Agreements \(PDF\)](#), original research by Packet Clearing House, May 2011.
- Workshop on [Internet Topology and Terminology \(PDF\)](#), organised at the IGF 2009 and [IGF 2014 \(PDF\)](#)
- [Internet Exchange Points: benefits and requirements \(PDF\)](#). 3rd Caribbean Internet Governance Forum, Curacao, August 2007
- [A Straw-Man Pricing Model Addressing the Multicast deployment Problem](#), University of Minnesota, 2003.
- [Prescriptive Policy Guide for Developing Nations Wishing to Encourage the Formation of a Domestic Internet Industry](#), Packet Clearing House analysis reports, 2001.





Tutorials

Name	Size	Modified
anycast	—	4 years ago
average-per-bit-delivery-cost	—	8 years ago
building-datacollection-infrastructure	—	7 years ago
dns-pcap-distler	—	7 years ago
ep-construction	—	1 decade ago
igf-internet-topology-and-terminology	—	1 decade ago
ipv6-peering	—	1 decade ago
ixp-workshop	—	1 decade ago
maps-rbl-bgp-cisco-config-faq.html	13.16 KB	1 decade ago
municipal-regulation	—	1 decade ago
recovering-from-an-attack	—	1 decade ago
Tutorial-ImprovingDNSresolutionInYourISPnetwork-v1.0-final-Nov2019.pdf	1.7 MB	6 years ago
vlan-based-security	—	1 decade ago
workshop-2024-01-22	—	2 years ago

12 folders and 2 files, 1.71 MB in total

Name ▲	Size	Modified
 Webinar 2024-1 w captions.mp4	2.63 GB	2 years ago

1 file, 2.63 GB in total



Key Ceremony 29

May 29, 2026
San Jose, CA, US



View: [Camera 1](#) [Camera 2](#) [Camera 3](#)

Participants

- O** Mimi RAUSCHENDORF
- CA1** Robert (Bob) ARASMITH
- W** Mary Shampa BAPI
- CO1** Steve FELDMAN
- CO2** Michael SINATRA
- CO3** Kim DAVIES
- SC2** Robert (Bob) ARASMITH

Files

Name ▴	Modified
AV	1 month ago
Documents	1 month ago
2 folders	



Login

Peering with Packet Clearing House

Packet Clearing House (PCH) is the international organization charged with providing operational support and security to critical Internet infrastructure, including Internet exchange points and the core of the domain name system. In the fulfillment of these responsibilities, we operate public looking-glasses and routing data-collection facilities at approximately a third of the world's public Internet Exchange Points (IXPs). We also operate the world's largest anycast DNS network, hosting two of the DNS root letters, and more than 400 top-level domains. While the traffic normally generated by each of these services is small, each provides a unique and necessary service to the Internet infrastructure community and their criticality requires that we provision each with sufficient interconnection bandwidth to protect them against distributed denial of services (DDoS) attacks. We make our routing tables available to researchers, the operations community, and the public, in real time at our [looking glass site](#), and as a historical archive, either by request or at [our archives](#). In many locations, PCH provides transit to the Quad9.net open recursive resolver system which is a public service with security and privacy features for users wishing to utilize an external high-performance name-resolution platform.

PCH has an open peering policy, meaning that we will happily interconnect with any other network that operates responsibly and in accord with generally-recognized best practices. Specifically:

Reciprocal Peering Requirements for AS42, AS3856, and AS715

- The destination address of any traffic you send to us must be contained within a route that we currently BGP advertise to you.
- The source address of any traffic you send to us must be contained within a route you currently BGP advertise to us.
- You agree to augment equipment and circuits as necessary to maintain uncongested interconnection paths.
- You agree to maintain a 24x7 NOC with standard technical, administrative, legal, and abuse Points of Contact and provide us with an email address we will use to contact you.
- You agree to respond promptly to communications and work cooperatively to resolve security, stability, and abuse incidents in a timely fashion.
- You agree to BGP advertise only routes to prefixes delegated to you and your customers by a Regional Internet Registry.
- You agree to not engage in practices generally deemed abusive or fraudulent, such as pointing default, rewriting next-hop, or failing to implement BCP-38 filtering.
- In addition, although not mandatory, we prefer that peers that are large enough to meet us in multiple regions do so in at least two locations within each region, and maintain consistent route advertisements and origin ASes within each region.

PCH will happily interconnect with peers of any size over public peering switch fabrics or over private crossconnects at 10gbps or greater.

To arrange peering with us, please open a ticket by emailing peering@pch.net.

As of July 2026, PCH is available for peering at the following 337 Internet Exchange Points:

Filters

+ New filter

Region	IXP	AS42 IP Addresses	AS3856 IP Addresses
Africa	ANGONIX-Luanda,Angola	196.11.234.10 2001:43F8:09D0::2A:0:1	196.11.234.11 2001:43F8:09D0::F10:0:1
	AO-IXP-Luanda,Angola	196.223.1.30	196.223.1.31