



Konferencja KIKE, 23 listopad 2016



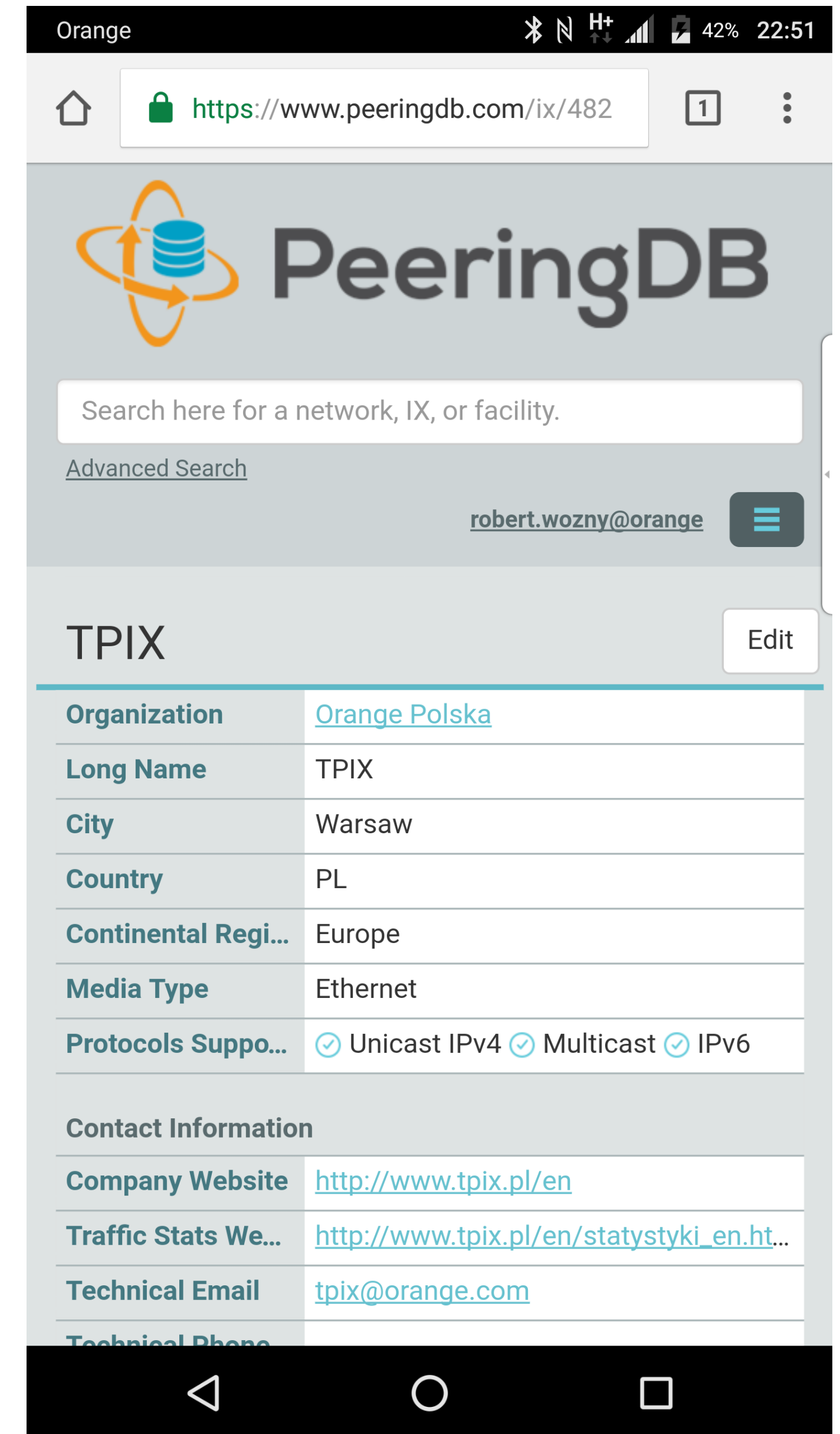
# What is PeeringDB?

- PeeringDB is the database of peering information on the Internet
- Contains peering location and contact information for
  - Networks
  - Exchanges
  - Facilities
- A PeeringDB record makes it easy for people to find you, and helps you to establish peering
- If you aren't registered in PeeringDB, you can register at <https://www.peeringdb.com/register>
- Basic verification for new accounts: require current whois information
  - Please update your whois information
  - Please register from a company email address

# What is PeeringDB?

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  - Exchanges
  - Facilities

If you aren't registered in PeeringDB, you can register at <https://www.peeringdb.com/register>



The screenshot shows the PeeringDB website on a mobile browser. The URL is <https://www.peeringdb.com/ix/482>. The page features the PeeringDB logo and a search bar. Below the search bar, there is a user profile for [robert.wozny@orange](mailto:robert.wozny@orange). The main content is a table for TPIX, which includes the following information:

TPIX		Edit
Organization	<a href="#">Orange Polska</a>	
Long Name	TPIX	
City	Warsaw	
Country	PL	
Continental Regi...	Europe	
Media Type	Ethernet	
Protocols Suppo...	<input checked="" type="checkbox"/> Unicast IPv4 <input checked="" type="checkbox"/> Multicast <input checked="" type="checkbox"/> IPv6	
Contact Information		
Company Website	<a href="http://www.tpix.pl/en">http://www.tpix.pl/en</a>	
Traffic Stats We...	<a href="http://www.tpix.pl/en/statystyki_en.ht...">http://www.tpix.pl/en/statystyki_en.ht...</a>	
Technical Email	<a href="mailto:tpix@orange.com">tpix@orange.com</a>	
Technical Phone		

# examples

(querying the database)

# Where is Nemo? (Netia case)

The screenshot shows the PeeringDB website interface. At the top left is the PeeringDB logo. A search bar contains the text 'netia' and is highlighted with a red box and the number '1'. Below the search bar, there are three tabs: 'Exchanges (0)', 'Networks (1)', and 'Facilities (1)'. The 'Networks (1)' tab is selected and highlighted with a red box and the number '2'. Under this tab, a single result 'Netia S.A. (12741)' is listed.

The detailed view of Netia S.A. is shown. The organization name 'Netia S.A.' is highlighted with a red box and an exclamation mark. The profile includes various fields such as Organization, Also Known As, Company Website, Primary ASN, IRR Record, Route Server URL, Looking Glass URL, Network Type, IPv4 Prefixes, IPv6 Prefixes, Traffic Levels, Traffic Ratios, and Geographic Scope. To the right, there is a table of 'Public Peering Exchange Points' with columns for Exchange, ASN, IPv4, IPv6, and Speed. The 'TPIX' entry is highlighted with a red box and the number '3'.

Exchange	ASN	IPv4	IPv6	Speed
BCIX	12741	193.178.185.46	2001:7f8:19:1::31c5:1	20G
DE-CIX Frankfurt	12741	80.81.192.193	2001:7f8::31c5:0:1	20G
EPIX.Katowice	12741	195.191.170.86		10G
NL-IX	12741	193.239.117.222	2001:7f8:13::a501:2741:1	10G
PLIX	12741	195.182.218.13	2001:7f8:42::a501:2741:1	40G
PLIX	12741	195.182.218.117	2001:7f8:42::a501:2741:3	40G
POZIX	12741	185.1.4.44	2001:7f8:4b::2c	20G
TPIX	12741	195.149.232.59	2001:7f8:27::1:2741:1	20G

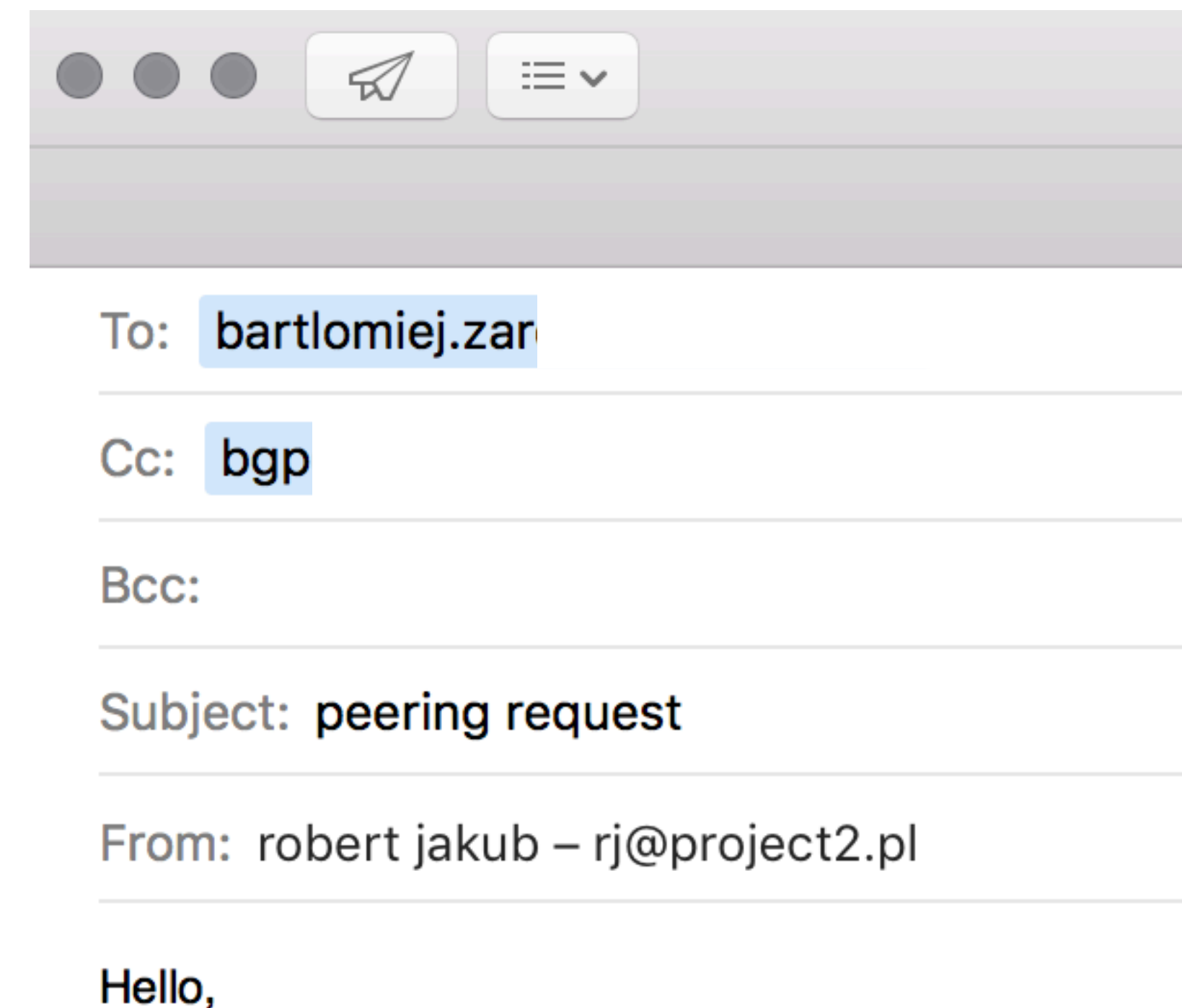
# Where is Nemo? (Netia case, cont'd)

**Peering Policy Information**

<b>Peering Policy</b>	
<b>General Policy</b>	Open
<b>Multiple Locations</b>	Not Required
<b>Ratio Requirement</b>	Yes
<b>Contract Requirement</b>	Not Required

**Contact Information**

Role ▼	Name	Phone	E-Mail
Abuse	Abuse Team		abuse@
NOC	NOC		nnoc_ot
Policy	Bartlomiej Zaremba		bartlomiej.zar
Sales	Sales		wholesale
Technical	BGP		bgp(



# INTERNET SERWIS WOJCIECH BANDUROWSKI

Organization	<a href="#">INTERNET SERWIS WOJCIECH BANDUROWSKI</a>
Also Known As	Internet Serwis
Company Website	<a href="http://www.prudnik.eu">http://www.prudnik.eu</a>
Primary ASN	197049
IRR Record	
Route Server URL	
Looking Glass URL	
Network Type	Cable/DSL/ISP
IPv4 Prefixes	1
IPv6 Prefixes	0
Traffic Levels	1-5Gbps
Traffic Ratios	Balanced
Geographic Scope	Europe
Protocols Supported	<input checked="" type="radio"/> Unicast IPv4 <input type="radio"/> Multicast <input type="radio"/> IPv6
Last Updated	2016-08-21T21:37:16Z
Notes	

## Peering Policy Information

Peering Policy	
General Policy	Open
Multiple Locations	Not Required
Ratio Requirement	No
Contract Requirement	Not Required

## Public Peering Exchange Points

Exchange	IPv4	Speed
ASN	IPv6	RS Peer
<a href="#">EPIX.Katowice</a>	195.191.170.159	10G
197049		<input checked="" type="checkbox"/>

## Private Peering Facilities

Facility	Country
ASN	City
Nothing matched your filter	
You may filter by Facility, ASN, Country, City	



No contacts?

no fun ((-;

# Facilities

## Orange Polska // Kraków

Edit

Organization	<a href="#">Orange Polska</a>
Website	<a href="http://www.orange.pl">http://www.orange.pl</a>
Address 1	ul. Rakowicka 51
Address 2	
Location	Kraków, , 31-521
Country Code	PL
CLLI Code	
NPA-NXX	

### Local Exchanges

Filter

Exchange ▼	Long Name	Networks
<a href="#">TPIX</a>	TPIX	40

### Networks

Filter

Peer Name ▼	ASN
<a href="#">Orange Polska S.A.</a>	5617
<a href="#">Orange Polska S.A. (IX)</a>	29535

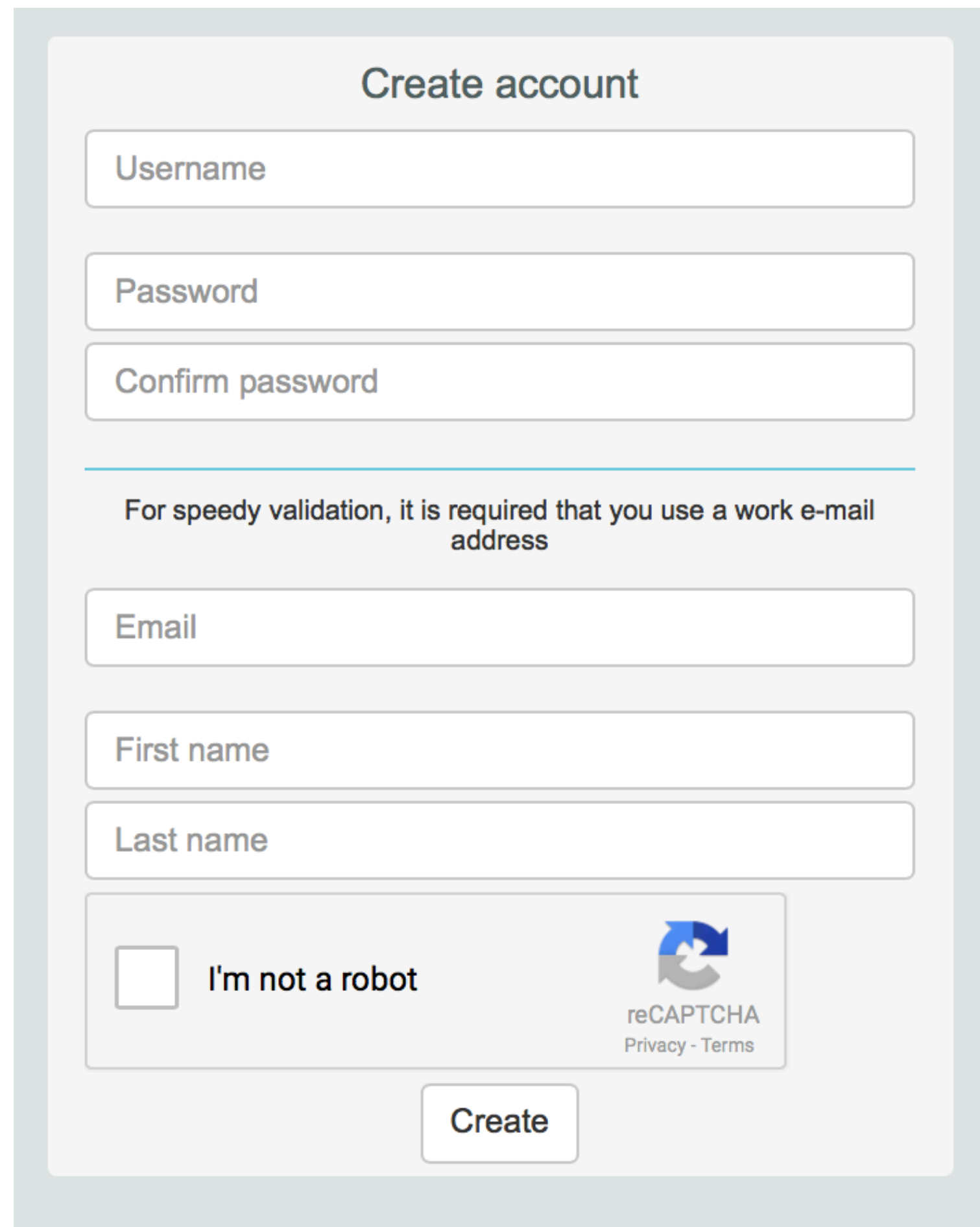


# register?

(or be .....

# How to ... register?

If you aren't registered in PeeringDB, you can register at <https://www.peeringdb.com/register>



The image shows a 'Create account' form with the following fields and elements:

- Username
- Password
- Confirm password
- A note: "For speedy validation, it is required that you use a work e-mail address"
- Email
- First name
- Last name
- A checkbox labeled "I'm not a robot" next to a reCAPTCHA logo and "reCAPTCHA Privacy - Terms" text.
- A "Create" button at the bottom.

## STEP 1:

open the page: <https://www.peeringdb.com/register>

## STEP 2:

make an account! (and wait for the authorisation email)

Basic verification for new accounts: require current whois information

- Please update your whois information
- Please register from a company email address

# How to ... register? (cont'd)

If you aren't registered in PeeringDB, you can register at <https://www.peeringdb.com/register>

You have confirmed your email address!

### Affiliate with organization

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To affiliate with an existing organization, please enter the ASN or organization name below.

To register a new network organization, please enter the ASN and organization name below.

To register a new facility or exchange organization, please enter the organization name below (ASN is optional).

### Existing affiliations

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Your affiliation with [Orange Polska](#) has been approved.

## STEP 3:

**affiliate with the organisation**

# How to ... register? (cont'd)

**STEP 4:** edit the organisation's data

**STEP 5:** click the network ((-;

The screenshot shows the PeeringDB profile for Orange Polska. The header includes the PeeringDB logo, a search bar, and the user email robert.wozny@orange. The profile details are as follows:

<b>Website</b>	<a href="http://www.orange.pl">http://www.orange.pl</a>
<b>Address 1</b>	Al. Jerozolimskie 160
<b>Address 2</b>	
<b>Location</b>	Warsaw, , 02-326
<b>Country Code</b>	PL

**Facilities** (Filter)

Name	Country	City
<a href="#">Orange Polska / Warsaw św. Barbary 10</a>	Poland	Warszawa
<a href="#">Orange Polska // Białystok</a>	Poland	Białystok
<a href="#">Orange Polska // Bvdoszcz</a>	Poland	

**Networks** (Filter)

Name	ASN
<a href="#">Orange Polska S.A.</a>	5617
<a href="#">Orange Polska S.A. (IX)</a>	29535

# How to ... register? (cont'd)

STEP 4: fill the data!

STEP 5: DONE

Orange Polska S.A. (IX) Cancel Save

<b>Organization</b>	<a href="#">Orange Polska</a>
<b>Also Known As</b>	TPIX
<b>Company Website</b>	<a href="http://www.tpix.pl">http://www.tpix.pl</a>
<b>Primary ASN</b>	29535
<b>IRR Record</b>	AS-TPIX
<b>Route Server URL</b>	<a href="http://www.example.com">http://www.example.com</a>
<b>Looking Glass URL</b>	<a href="http://lg.tpix.pl">http://lg.tpix.pl</a>
<b>Network Type</b>	NSP
<b>IPv4 Prefixes</b>	100000
<b>IPv6 Prefixes</b>	3300
<b>Traffic Levels</b>	Not Disclosed
<b>Traffic Ratios</b>	Balanced
<b>Geographic Scope</b>	Regional
<b>Protocols Supported</b>	<input checked="" type="checkbox"/> Unicast IPv4 <input checked="" type="checkbox"/> Multicast <input checked="" type="checkbox"/> IPv6
<b>Last Updated</b>	2016-09-10T15:04:00Z

**Public Peering Exchange Points** Filter

Exchange ASN	IPv4 IPv6	Speed RS Peer
<input checked="" type="checkbox"/> <a href="#">AMS-IX</a> 29535	80.249.208.239	10000 <input type="checkbox"/>
<input checked="" type="checkbox"/> <a href="#">TPIX</a> 29535	195.149.233.100	200000 <input type="checkbox"/>
<input checked="" type="checkbox"/> <a href="#">ThinX</a> 29535	212.91.9.8	20000 <input type="checkbox"/>

<b>Exchange</b>	
<b>Local ASN</b>	29535
<b>IPv4</b>	
<b>IPv6</b>	
<b>Speed (mbit/sec)</b>	0
<b>RS Peer</b>	<input type="checkbox"/>

Live Demo

# contact

robert jakub woźny

[rj@project2.pl](mailto:rj@project2.pl)

[robert.wozny@orange.com](mailto:robert.wozny@orange.com)



[twitter.com/rjakub](https://twitter.com/rjakub)



[linkedin.com/in/rjakub](https://linkedin.com/in/rjakub)

thank you