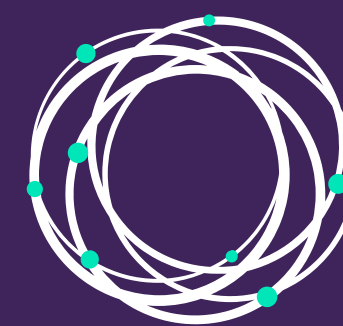




inter.link

Everything is Fine and Our Automation Works Perfectly

...as long as you update your IRR, give us RTBH fields, and fill out this survey



Person

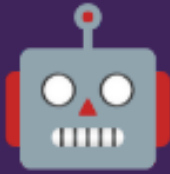
Stefan

Company

Inter.link

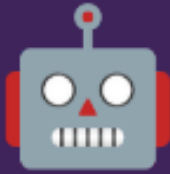
Context

Well sell IP transit



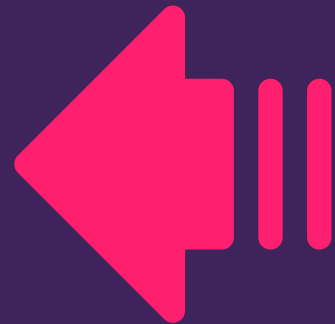
Automation

- **PeeringDB**
- **IRR**
- **own data (portal.inter.link)**
- **flow data**
- **stuff that lives in BGP**



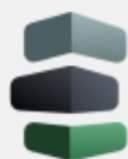
Automation

- **PeeringDB**
- **IRR**
- **own data (portal.inter.link)**
- **flow data**
- **stuff that lives in BGP**





Automation



PeeringDB

Search here for a network, IX, or facility.

[Advanced Search](#)

Akamai Technologies Gold Sponsor

EXPORT

Organization	Akamai Technologies, Inc
Also Known As	
Long Name	
Company Website	https://www.akamai.com/
ASN	20940
IRR as-set/route-set ?	AS-AKAMAI
Route Server URL	
Looking Glass URL	
Network Types	Content
IPv4 Prefixes ?	12000
IPv6 Prefixes ?	5000
Traffic Levels ?	100+Tbps
Traffic Ratios	Heavy Outbound
Geographic Scope	Global
Protocols Supported	☒ Unicast IPv4 ☐ Multicast ☒ IPv6 ☐ Never via route servers ?
Last Updated	2026-07-03T08:49:29Z
Public Peering Info Updated	2026-07-03T08:49:27Z
Peering Facility Info Updated	2026-06-17T13:41:31Z
Contact Info Updated	2021-05-11T21:26:32Z
Notes ?	
RIR Status	ok

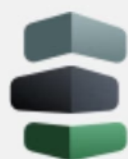


Automation

- **Organization Name**
 - **Fetch it**
 - **Escape or strip everything unwanted**
 - because 🐛 is not a valid company name
 - because I don't want umlauts in my device configuration
 - **Add it to Netbox**
 - **Push it, where data is needed**



Automation



PeeringDB

Search here for a network, IX, or facility.

[Advanced Search](#)

Akamai Technologies Gold Sponsor

EXPORT

Organization	Akamai Technologies, Inc	
Also Known As		
Long Name		
Company Website	https://www.akamai.com/	
ASN	20940	
IRR as-set/route-set ?	AS-AKAMAI	
Route Server URL		
Looking Glass URL		
Network Types	Content	
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Traffic Levels ?	100+Tbps	
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Contact Info Updated	2021-05-11T21:26:32Z	
Notes ?		
RIR Status	ok	



Automation

- **AS-SET**
 - **Fetch it**
 - **Check it against IRR databases**
 - **AS-AKAMA! could be anywhere**
 - Which IRR database actually has the correct data?
 - Do you remember when someone registered AS-Google @ RIPE?
 - Hierarchical IRR sets (AS5405:AS-INTERDOTLINK) **are not** universally supported



Automation

- **AS-SET**
 - **Proposal:**
 - **Force networks to publish as-sets unambiguously**
 - <https://github.com/peeringdb/peeringdb/issues/1973>





Automation

- **AS-SET**
 - **Fetch it**
 - **Check it against IRR databases**
 - **~~AS-AKAMAI~~ could be anywhere**
 - Which IRR database actually has the correct data?
 - Do you remember when someone registered AS-Google @ RIPE?
 - Hierarchical IRR sets (AS5405:AS-INTERDOTLINK) **are not** universally supported



Search h
Advanced

Akamai Technologies **Gold Sponsor**

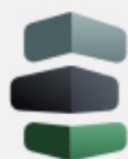
EXPORT

Organization	Akamai Technologies, Inc
Also Known As	
Long Name	
Company Website	https://www.akamai.com/
ASN	20940
IRR as-set/route-set ?	RIPE::AS-AKAMAI





Automation



PeeringDB

Search here for a network, IX, or facility.

[Advanced Search](#)

Akamai Technologies Gold Sponsor

EXPORT

Organization	Akamai Technologies, Inc	
Also Known As		
Long Name		
Company Website	https://www.akamai.com/	
ASN	20940	
IRR as-set/route-set ?	AS-AKAMAI	
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Notes ?		
RIR Status	ok	



Automation

- **Prefix Limits**
 - **Fetch it**
 - **Deploy it to the network for safeguards**
 - **Everything breaks, because people do not update their records**



Automation

- **Prefix Limits**
 - **Proposal:**
 - **Networks exceeding their configured prefix limits**
 - <https://github.com/peeringdb/peeringdb/issues/1997>





Automation

- **DDOS Protection**
 - **There are good days, there are bad days**
 - **Sometimes steered RTBH is necessary**
 - **Thousands of BGP sessions, very little known about our peers**
 - Does a peer support RTBH?
 - Which BGP community do they expect/use?



Automation

- **DDOS Protection**
 - **Proposal:**
 - **Add rtbh_community field to Network (net) object**
 - <https://github.com/peeringdb/peeringdb/issues/1978>





Automation

- **DDOS Protection**
 - **We might stop peering with networks not supporting RTBH**
 - **We might require GTSM (TTL Limit) support from peers**
 - **We might require MD5 for BGP sessions**



Call to action #1: Help us

- **Tell us about your RTBH implementation**
 - https://docs.google.com/forms/d/e/1FAIpQLScg2Bvr_14onOtZRdoK2SNd0kCHFtqsdw-elsO5miUAO-3zzg/viewform





Call to action #2: Help us

- **Update your PeeringDB record, today**

