

members  
services  
workshops  
about  
research  
connecting  
links  
sitemap  
contact  
faq  
press  
private



The exchange point itself also has an **Autonomous System** and some prefixes that it announces. TREX will peer with all customers that fulfill the **peering requirements**.

TREX Infrastructure	29432
Route Servers	197032

The exchange point itself doesn't have much traffic. There are a couple of mail servers, name servers and this web site. There are also a handful of anycast services and research projects such as 6to4 and **Teredo** relays and a **public NAT64 test**.

Peering with TREX routers takes place over the **Unicast Peering VLAN** where TREX has two routers. See **address assignments** for more information.

## **Announced Routes**

TREX announces the following routes:

```
as-set:          AS29432:AS-PEERING
descr:          TREX announces these ASes to peers.
descr:          These are mostly anycasted services.
members:        AS29432
members:        AS112
members:        AS20144
tech-c:         AXU-RIPE
admin-c:        AXU-RIPE
mnt-by:         TREX-MNT
source:         RIPE \# Filtered

route:          195.140.192.0/22
```

```
descr:      TREX Tampere Region Exchange Oy
descr:      \href{http://www.trex.fi/}{\bf http://www.trex.fi/}\footnote{
  \url{http://www.trex.fi/}}
descr:      Hermiankatu 6 A
descr:      FIN-33720 TAMPERE
origin:     AS29432
mnt-by:    TREX-MNT
source:    RIPE \# Filtered

route:     195.140.194.0/23
descr:     TREX Regional Exchanges Oy
descr:     \href{http://www.trex.fi/}{\bf http://www.trex.fi/}\footnote{
  \url{http://www.trex.fi/}}
descr:     Hermiankatu 6 A
descr:     FIN-33720 TAMPERE
origin:    AS29432
pingable:  195.140.195.140
pingable:  195.140.195.51
mnt-by:    TREX-MNT
source:    RIPE \# Filtered

route:     192.88.99.0/24
descr:     RFC3068-TREX
remarks:   See RFC 3068
remarks:   In case of problems contact 6to4 at trex.fi
origin:    AS29432
mnt-by:    RFC3068-MNT
source:    RIPE

route:     192.175.48.0/24
descr:     Root Server Technical Operations Assn
descr:     See: \href{http://www.as112.net/}{\bf http://www.as112.net/}\fo
  \url{http://www.as112.net/}}
origin:    AS112
mnt-by:    NETNOD-MNT
source:    RIPE \# Filtered

route:     192.31.196.0/24
descr:     RFC7535 AS112 DNAME prefix
descr:     See: \href{http://www.as112.net/}{\bf http://www.as112.net/}\fo
  \url{http://www.as112.net/}}
origin:    AS112
mnt-by:    NETNOD-MNT
source:    RIPE \# Filtered

route:     199.7.82.0/23
descr:     LROOT
origin:    AS20144
mnt-by:    ICANN-DNS
source:    RIPE \# Filtered
```

```
route6:      2001:67c:2b0::/48
descr:      TREX Regional Exchanges Oy
descr:      \href{http://www.trex.fi/services.html}{\bf http://www.trex.fi/}
            \url{http://www.trex.fi/services.html}}
descr:      Hermiankatu 6 A
descr:      FIN-33720 TAMPERE
origin:     AS29432
pingable:   2001:67c:2b0::1
pingable:   2001:67c:2b0:19::51
org:        ORG-TTRE1-RIPE
mnt-by:     TREX-MNT
source:     RIPE \# Filtered

route6:      2001:7f8:1d::/48
descr:      TREX Regional Exchanges Oy
descr:      \href{http://www.trex.fi/}{\bf http://www.trex.fi/}\footnote{
            \url{http://www.trex.fi/}}
descr:      Hermiankatu 6 A
descr:      FIN-33720 TAMPERE
origin:     AS29432
org:        ORG-TTRE1-RIPE
mnt-by:     TREX-MNT
source:     RIPE \# Filtered

route6:      2001::/32
descr:      Teredo-TREX
remarks:    Teredo anycast route. See TEREDO-MNT for details.
remarks:    \href{http://www.trex.fi/service/teredo.html}{\bf http://www.tr
            \url{http://www.trex.fi/service/teredo.html}}
origin:     AS29432
mnt-by:     TEREDO-MNT
source:     RIPE \# Filtered

route6:      2002::/16
descr:      RFC3068-TREX
remarks:    See RFC 3068
remarks:    In case of problems contact 6to4 at trex.fi
origin:     AS29432
mnt-by:     RFC3068-MNT
source:     RIPE \# Filtered

route6:      2001:4:112::/48
descr:      RFC7535 AS112 DNAME prefix
descr:      See: \href{http://www.as112.net/}{\bf http://www.as112.net/}\fo
            \url{http://www.as112.net/}}
origin:     AS112
mnt-by:     NETNOD-MNT
source:     RIPE \# Filtered
```

```

route6:      2620:4f:8000::/48
descr:      Root Server Technical Operations Assn
descr:      Anycast prefix used for DNS service for public reverse
descr:      information regarding RFC 1918 addresses and other special
descr:      zones. See: \href{http://www.as112.net/}{\bf http://www.as112.n
      \url{http://www.as112.net/}}
origin:     AS112
mnt-by:     NETNOD-MNT
source:     RIPE \# Filtered

route6:      2001:500:3::/48
descr:      LROOT-V6
origin:     AS20144
mnt-by:     ICANN-DNS
source:     RIPE \# Filtered

route6:      2001:500:9e::/47
descr:      LROOT-V6
origin:     AS20144
mnt-by:     ICANN-DNS
source:     RIPE \# Filtered

```

The IPv4 routes should look something like this in Cisco IOS output:

Network	Next Hop	Metric	LocPrf	Weight	Path
* 192.31.196.0	195.140.192.10	0	29432	112	i
*>	195.140.192.112	0	29432	112	i
*> 192.88.99.0	195.140.192.10	0	29432	i	
*	195.140.192.9	0	29432	i	
* 192.175.48.0	195.140.192.10	0	29432	112	i
*>	195.140.192.112	0	29432	112	i
* 195.140.194.0/23	195.140.192.9	0	29432	i	
*>	195.140.192.10	0	29432	i	
* 199.7.82.0/23	195.140.192.9	0	29432	20144	i
*>	195.140.192.10	0	29432	20144	i