



manitoba internet ex**ch**ange

Operations Report

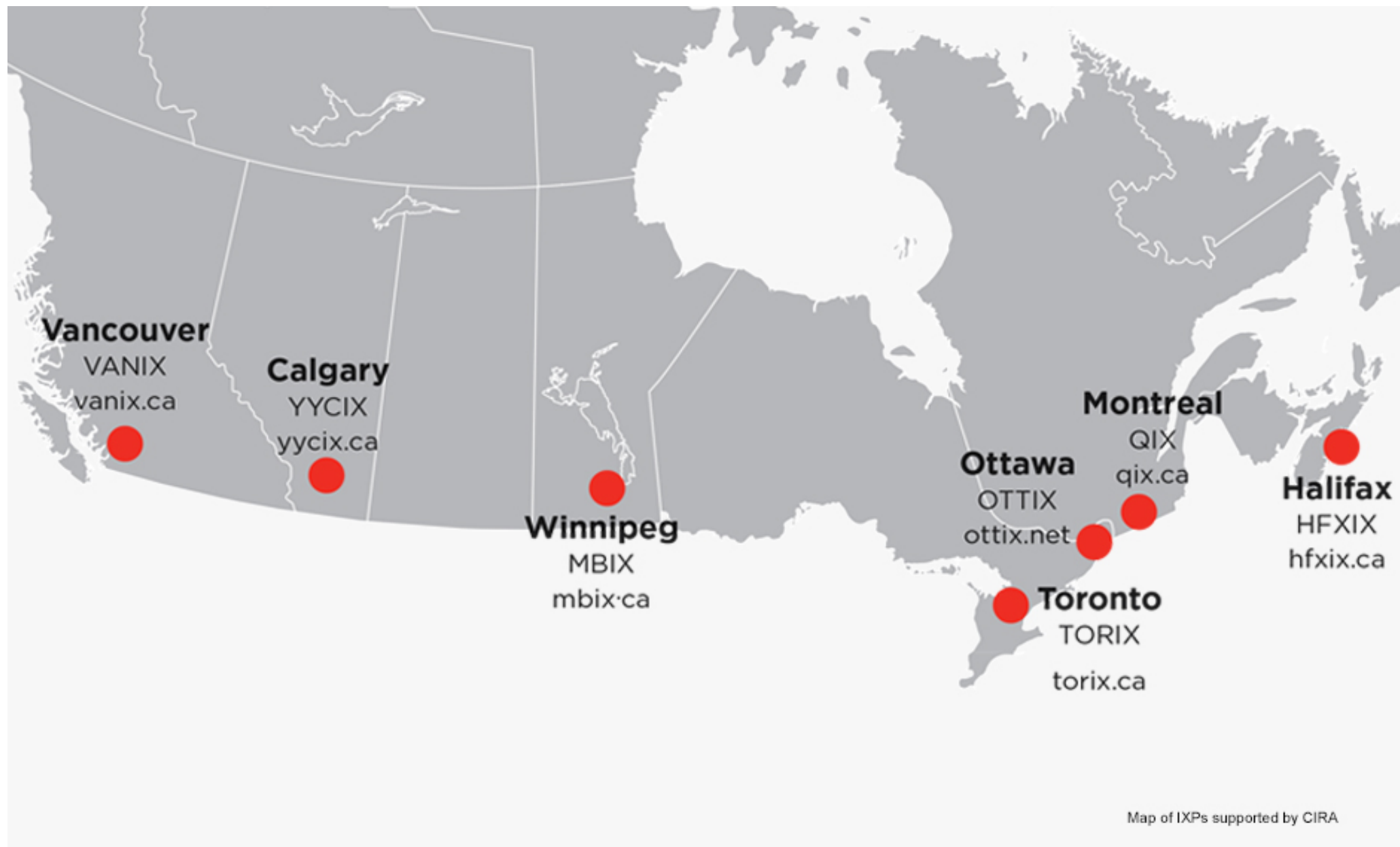
May 4th, 2016

Jonathan Stewart
Theodore Baschak



Global IXPs

Map courtesy of TeleGeography
<http://www.internetexchangemap.com/>

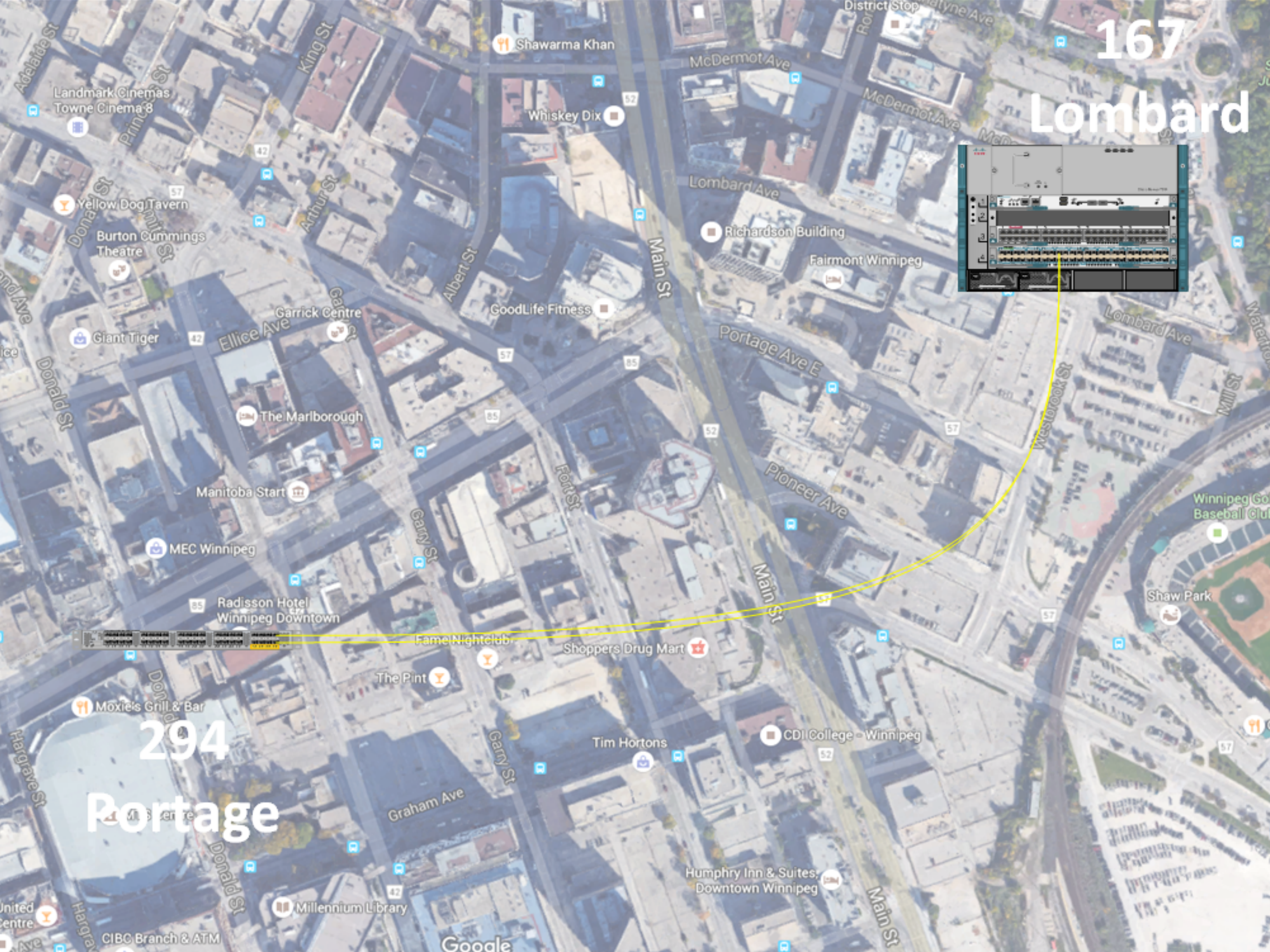


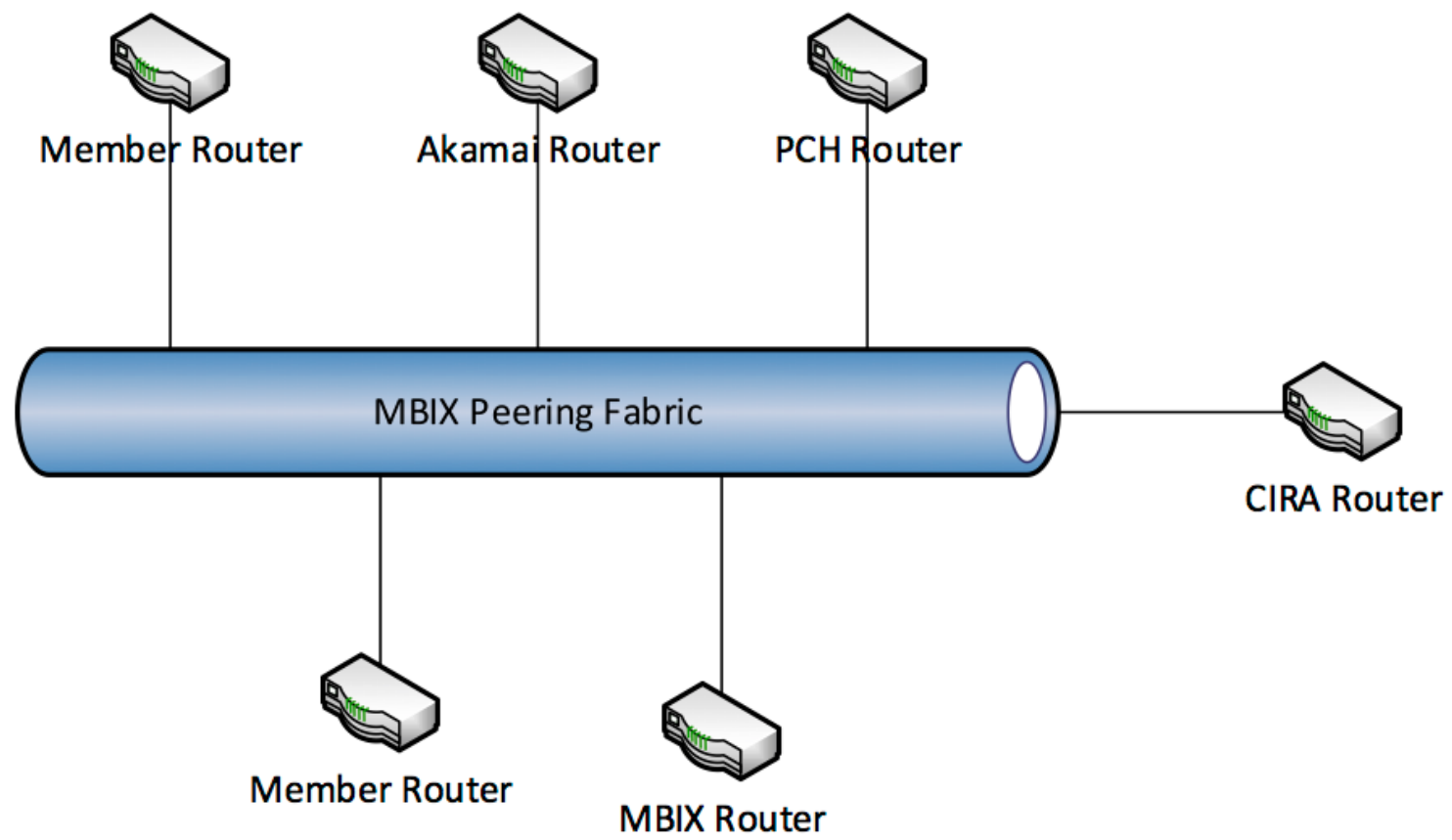
Part of a Canadian Wave

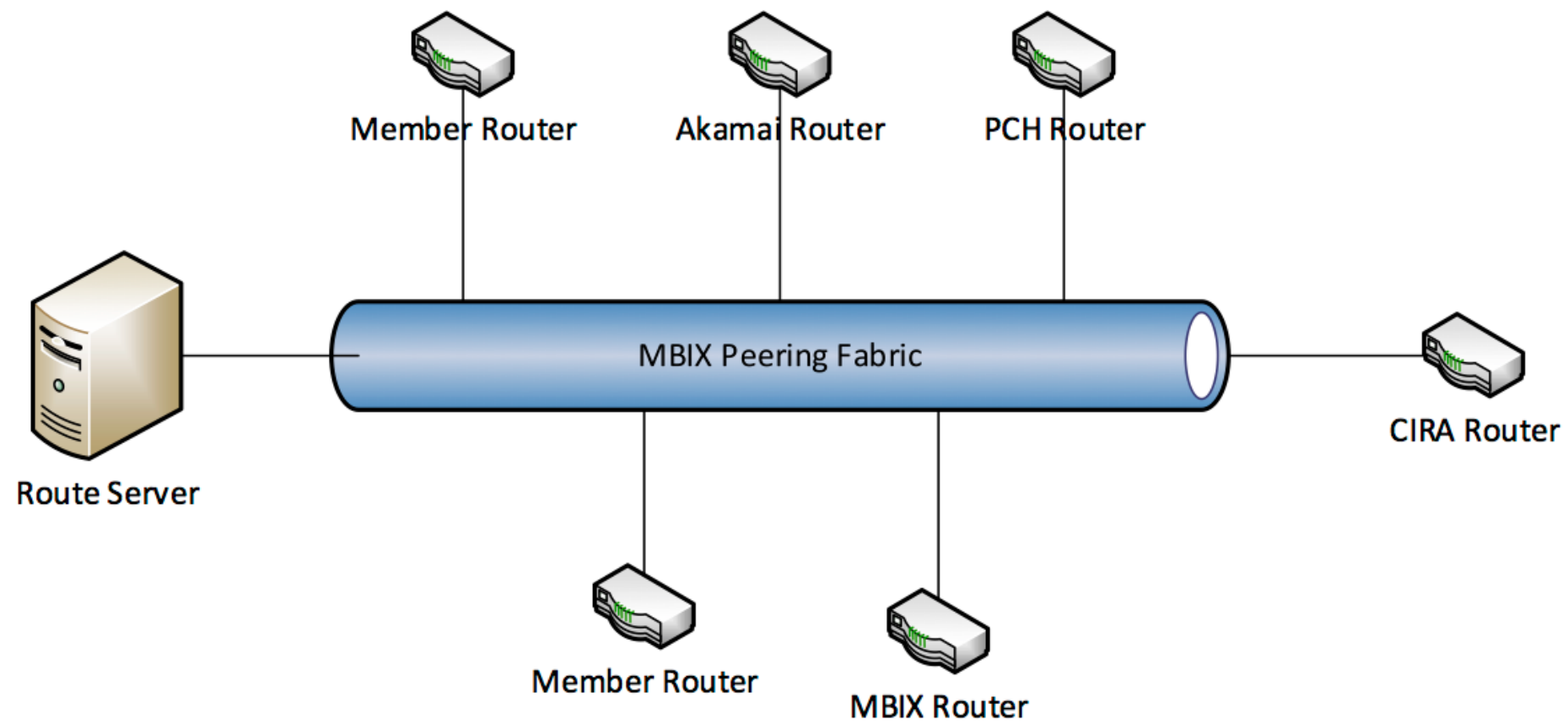
167
Lombard

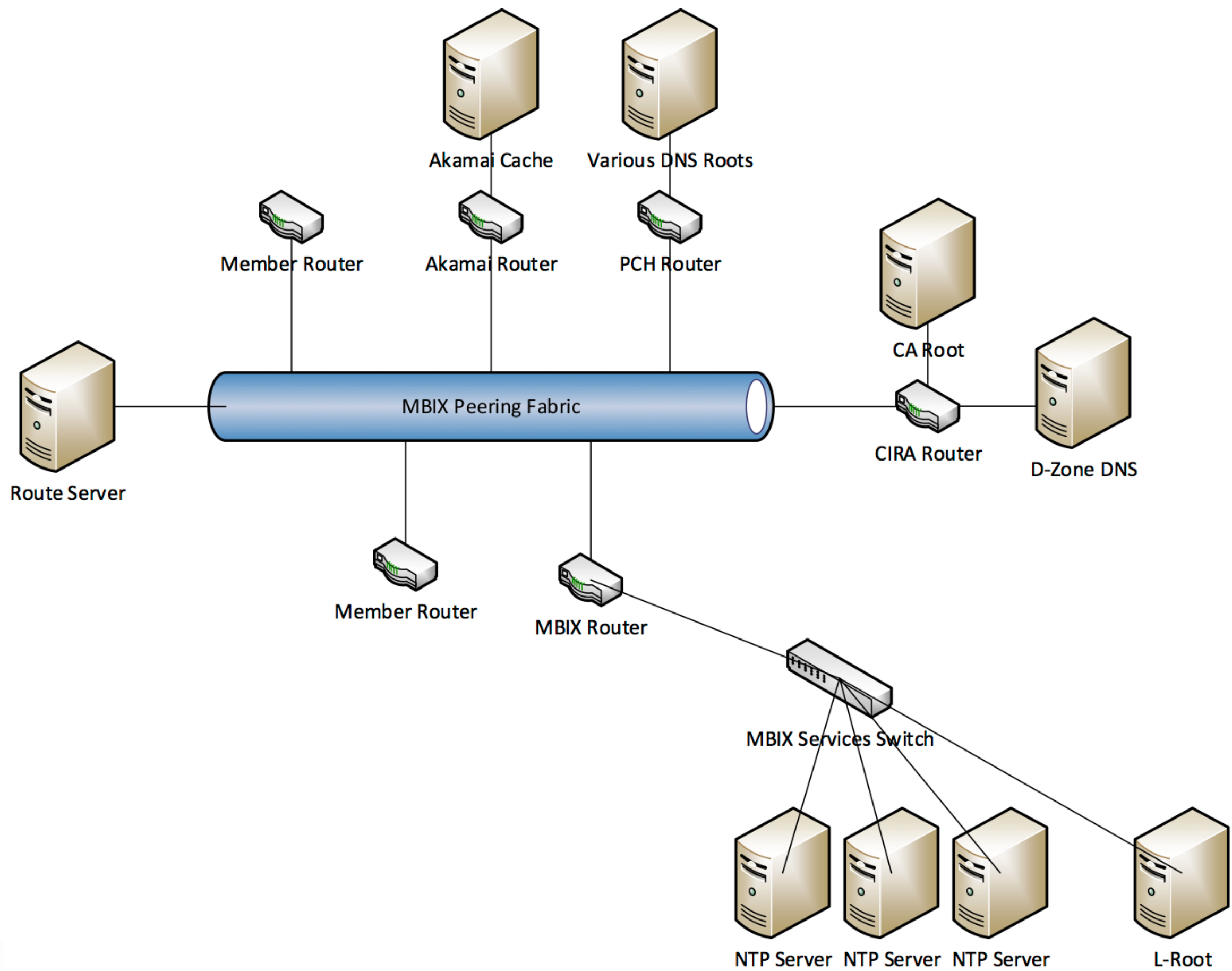


294
Portage

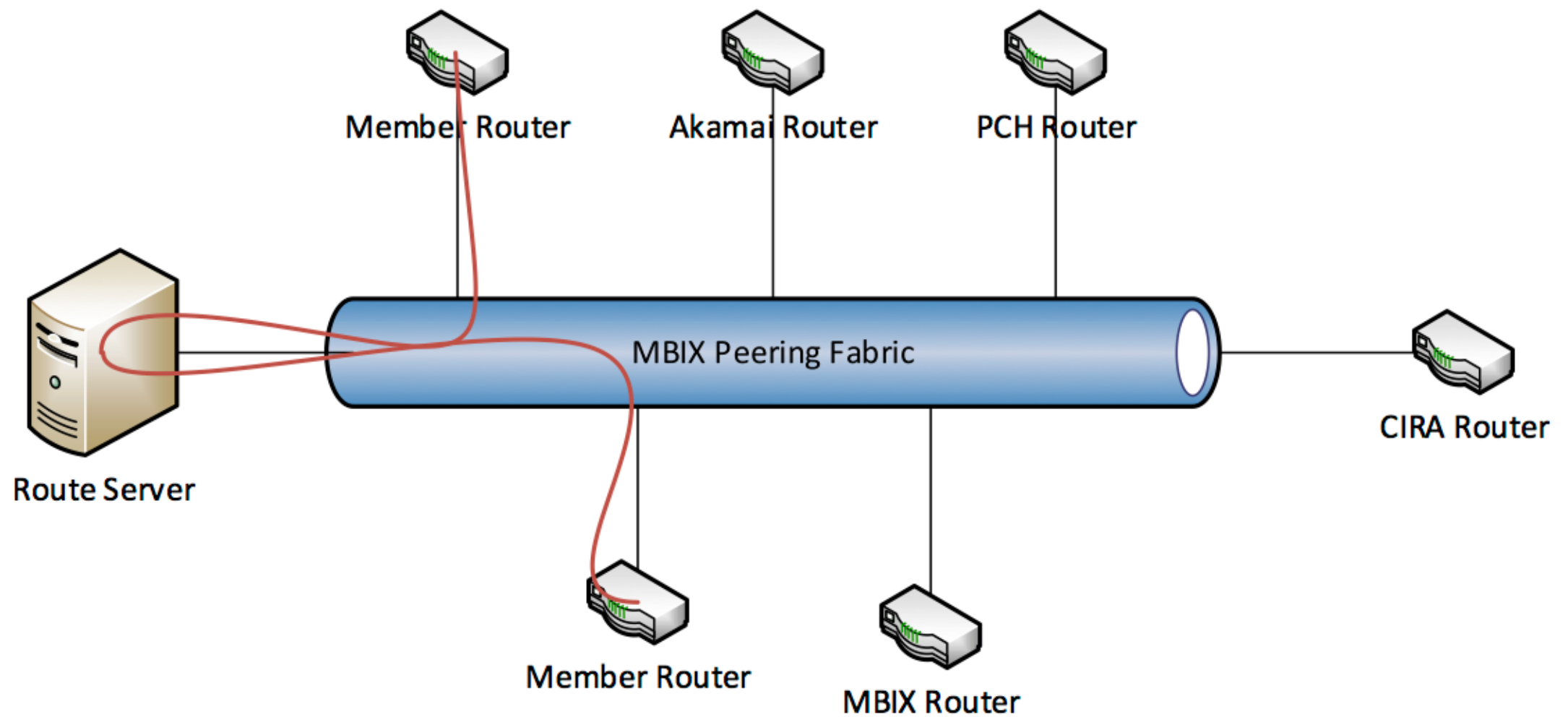




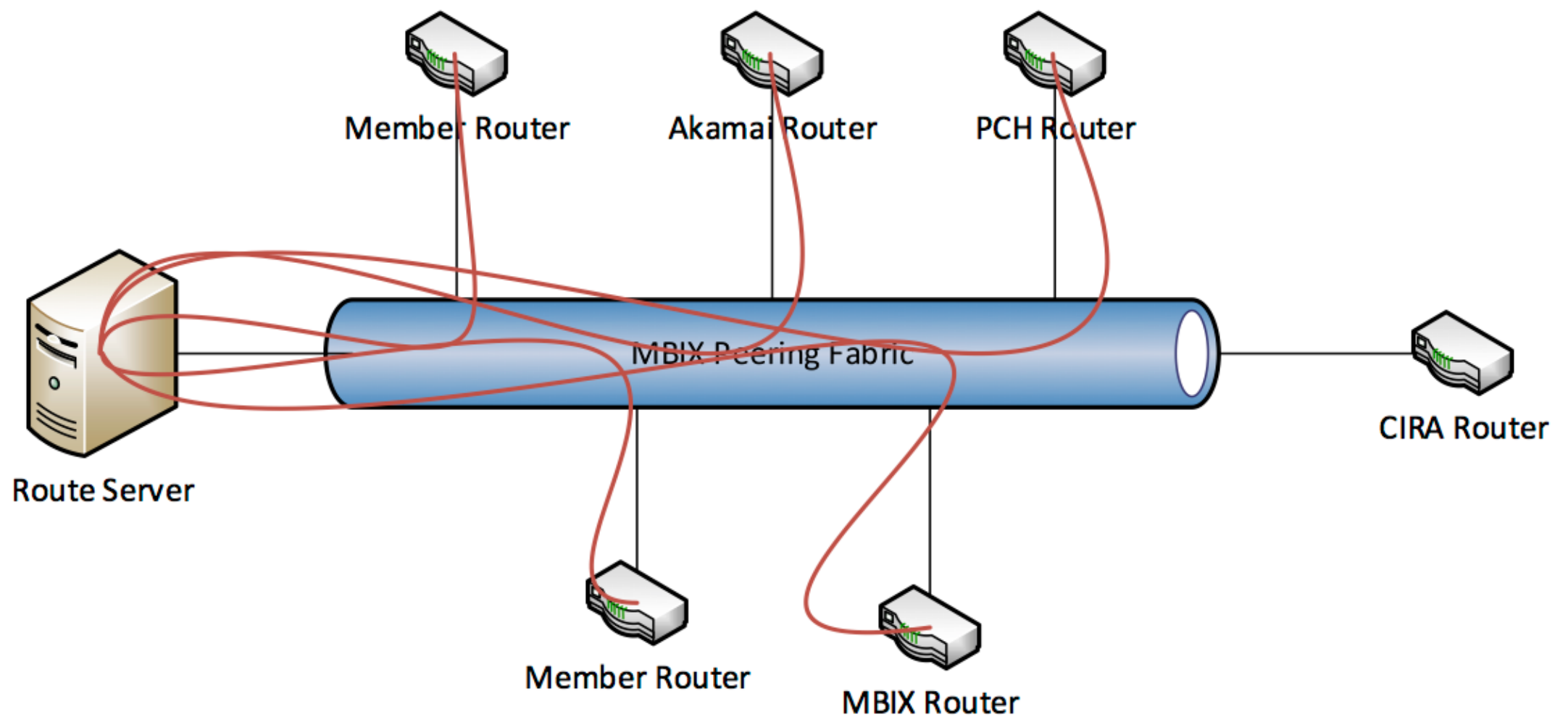




Route Server Connections



Route Servers (cont)



Internet Route Registries

- Use an IRR (ARIN = Free, RADB = \$\$)
- It will help your routes propagate thru peering sessions at IXPs
- Experiments w/ IRR filtering on Route Servers at AMS-IX

PeeringDB



PeeringDB

Search here for a network, IX, or facility.

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Manitoba Internet Exchange Inc.

Organization	Manitoba Internet Exchange Inc.
Also Known As	MBIX
Company Website	http://www.mbix.ca/
Primary ASN	16395
IRR Record	AS-MBIX
Route Server URL	
Looking Glass URL	http://lg.mbix.ca/
Network Type	Non-Profit
IPv4 Prefixes	4
IPv6 Prefixes	4
Traffic Levels	100-1000Mbps
Traffic Ratios	Balanced
Geographic Scope	Regional
Protocols Supported	<input checked="" type="checkbox"/> Unicast IPv4 <input type="checkbox"/> Multicast <input checked="" type="checkbox"/> IPv6
Last Updated	2016-04-07T15:24:18Z
Notes	MBIX uses AS16395 for peering and for service networks transited to the global internet.

Peering Policy Information

Peering Policy	
General Policy	Open
Multiple Locations	Not Required

Public Peering Exchange Points

[Filter](#)

Exchange ▾ ASN	IPv4 IPv6	Speed RS Peer
MBIX 16395	206.72.208.1 2001:504:26::1:6395:1	1G <input checked="" type="checkbox"/>

Private Peering Facilities

[Filter](#)

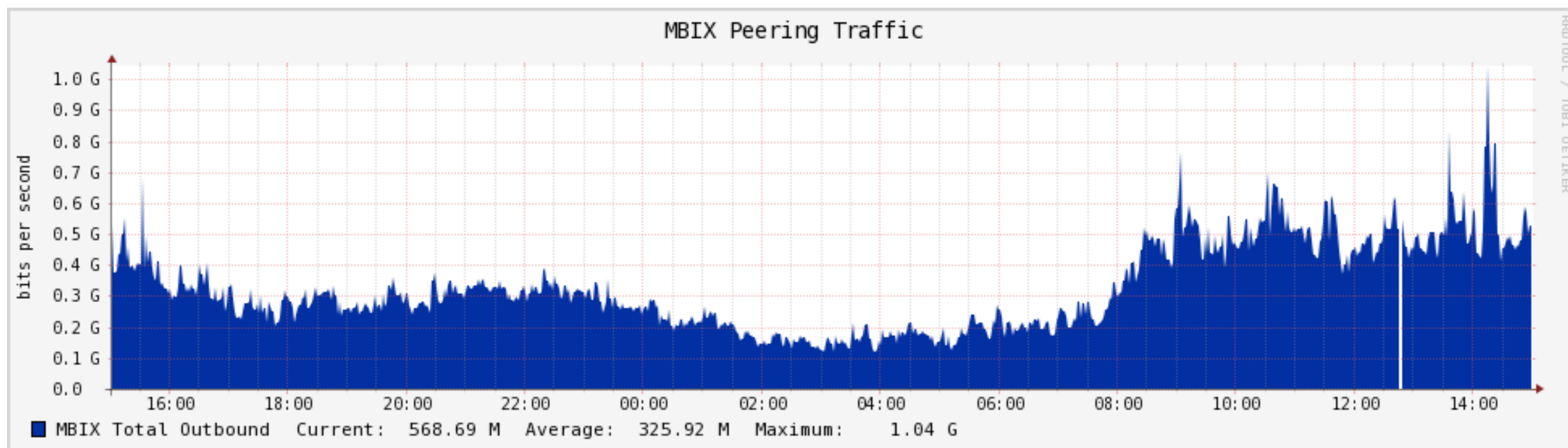
Facility ▾ ASN	Country City
Global Server Center 16395	Canada Winnipeg
Les.net YWG2 16395	Canada Winnipeg

Changes In Past Year

- New members in 2015
 - HBNI
 - Wiband
 - Quickstream
 - RFNow
- 2nd Location - 294 Portage, Les.net YWG2
- L-Root Node
- NTP servers fixed

MBIX By The Numbers

- 20 Connected Members
- 22 Total Connected Port
- 94 Gbps Connected Port Capacity



- Ask your ISP if they're MBIX-connected!
- Any Questions?