

International LISP Beta Network Summary – Friday, February 10, 2012 – 10:38:48

ARIN

Facebook	MSN	ntt-amer	Google	cisco-it	jearango	srint	vaf	z	rymcdowe
NYU	byzek	Savvis	miles	smith	gregg	skatukam	amit	srin	godaddy-xtr
UCLA	ICANN	bell-ca	manishee		wnellis	darrel	shep	scwaller	vi-openwrt1
asp	Genworth	bannister		eik	stevenca	sijacob	dalvarez	icox	vi-openwrt2
vmware	onstar	wally	smadley	sulrich	mbirkner	jemannin	qualcomm		vi-openwrt3
chcoutur	marknguy		arkansas	jbeorse	marcairn	samuel	asr1knat64		tcktmstr
mastercard		bluethunder		liguori					

RIPE

dino	luigi	isidor	damien	job	gerd-cbc	korpo-tp	colinwh-dublin	tetaneutral
jesper	simlo	gerd	jakab	dimitris	rolfs	mbosecki	pcharalampou	orange-ftgroup
thkernen	wolfgang	InTouch	unitnett	IsarNet	lbromirs	markus	deutsche-bank	experteach
level-3		jakob	marc	mitko	mkramoli	lip6-fr	munich-airport	moreas
Globalknowledge			uniroma	antoine	giheron	planete	bayer	

APNIC

APAN	IJ	rsaldahn	oasis-tech	
KDDI	hughes	cfwong	wide	nagoya-u
NTT	jiwang	yjchui	jiwang2	
TATA	G21	logicalis	fnsc	

LACNIC

UFBA

Statistics:

# of xTRs:	136
# of MRs/MSs	11
# of PITRs/PETRs:	9
Total boxes:	156
# of countries:	26

Platforms:

Violet name:	ISR/ISRG2/7200 running IOS:	79
Brown name:	ASR 1K running IOS XE:	5
Black name:	Titanium running NX-OS:	45
Blue name:	c200 running NX-OS:	5
Orange name:	Nexus 7000 running NX-OS:	1
Turquoise name:	LISP-MNs:	7
Yellow name:	Linux/FreeBSD/OpenSource:	12
Teal name:	FITELnet G21:	2

Legend:

Violet line: BGP over GRE 

Orange line: ISIS over GRE 

Green numbers: EID address or prefix

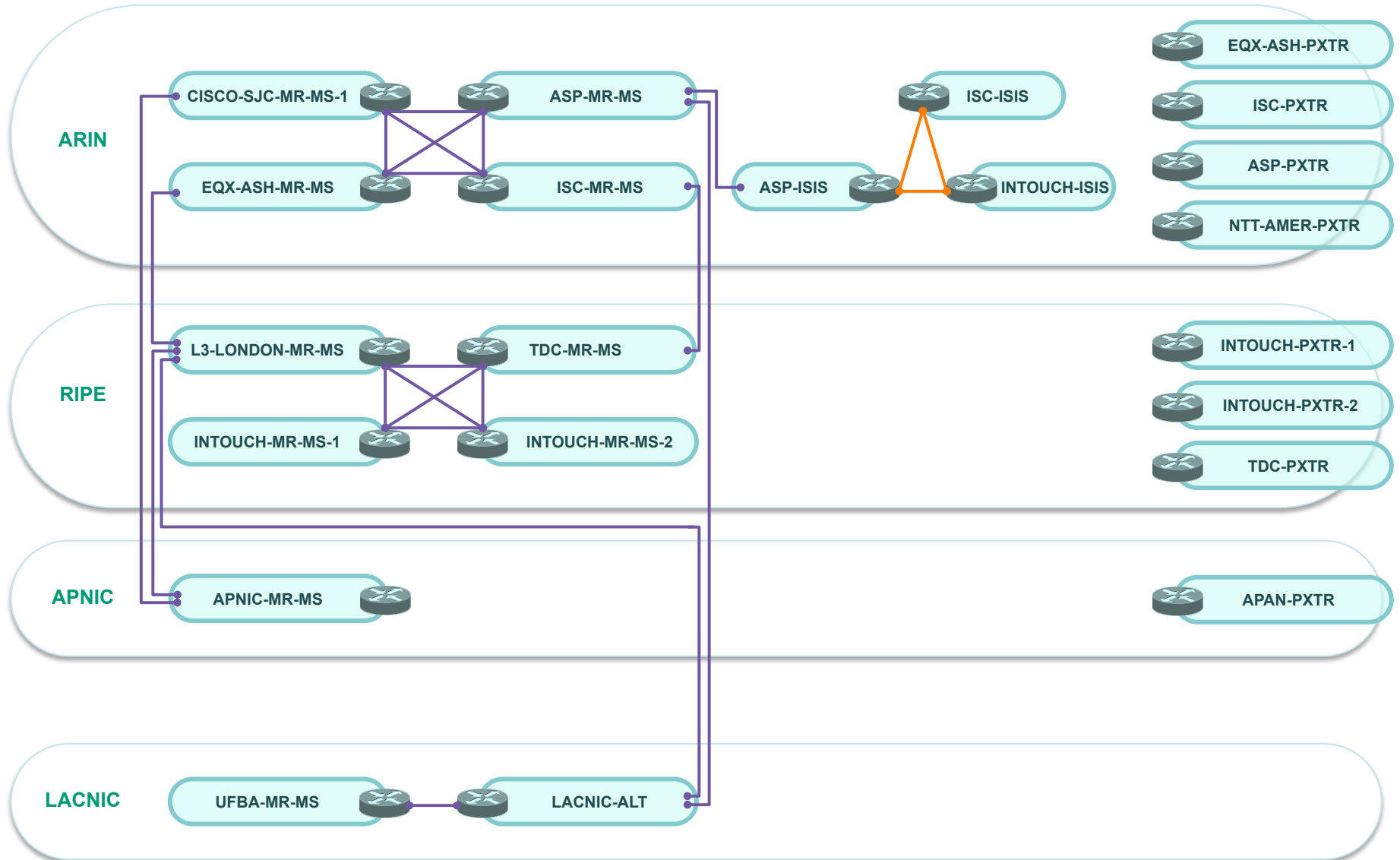
Red numbers: RLOC address

DNS Naming:

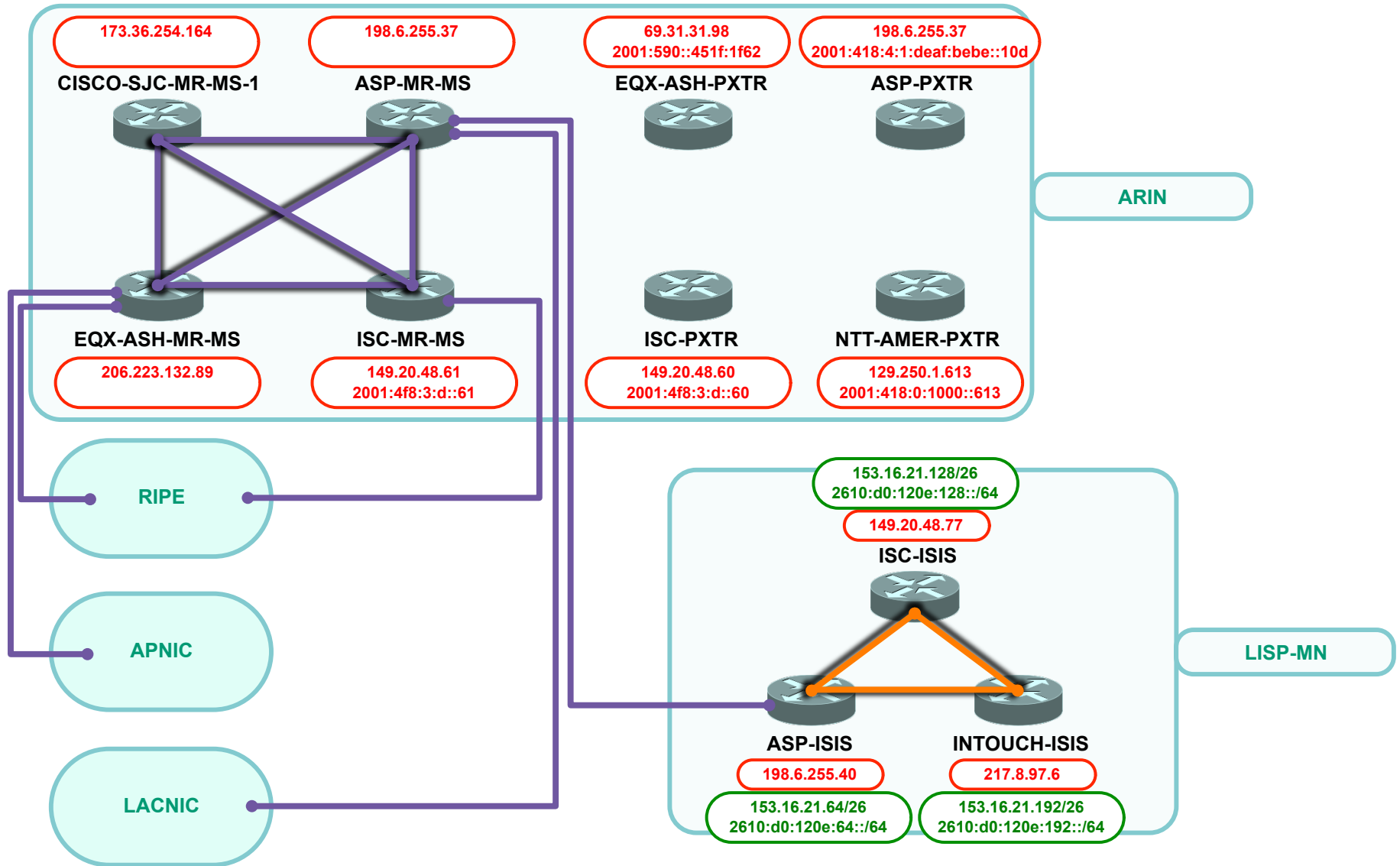
Locator: <name>.rloc.lisp[46].net

EID: <name>.lisp[46].net

International LISP Beta Network High Level Topology – Connecting LISP Service Providers Together



ARIN (US Region) - Connecting LISP Service Providers Together



ARIN (US Region) – LISP Sites [1]

ARIN

OS	Site Name	EID-Prefixes	Loopbacks	RLOCs	Comments
N7K NX-OS	asp-n7k-xtr	153.16.7.0/24 2610:00d0:1105::/48	153.16.7.1	198.6.255.38 2001:418:4:1:deaf:bebe::10	
Titanium NX-OS	asp-xtr	153.16.0.0/24 2610:00d0:1100::/48	153.16.0.1	198.6.255.39 2001:418:4:1:deaf:bebe::10e	
ISRG2 IOS	smith-xtr	153.16.25.32/28 207.245.65.136/29 2610:00d0:110e::/48 2001:470:1f07:b::/64 2001:470:89cc::/48	153.16.25.33	207.245.65.130	
ISRG2 IOS	byzek-xtr	153.16.25.208/28 2610:d0:1109::/48	153.16.25.209	<dhcp>	
Titanium NX-OS	ntt-xtr	153.16.1.0/24 2610:d0:1101::/48	153.16.1.1	129.250.26.242 2001:418:7001::2	
ISRG2 IOS	miles-xtr-1 miles-xtr-2	153.16.25.16/28 2610:d0:110d::/48	153.16.25.17 153.16.25.18	65.42.52.93 66.219.129.241	
C7200 IOS	cisco-it-xtr-1 cisco-it-xtr-2	153.16.5.0/24 2610:d0:110c::/48	153.16.5.1 153.16.5.2	128.107.81.169 128.107.81.170	lisp.cisco.com
Titanium NX-OS	bannister-xtr	153.16.4.0/24 2610:d0:110b::/48	153.16.4.1	216.129.110.58 2001:1868:2010:1::1	
Titanium NX-OS	nyu-xtr	153.16.3.0/24 2610:d0:1103::/48	153.16.3.1		
ISRG2 IOS	bell-ca-xtr	153.16.2.0/24 2610:d0:1102::/48	153.16.2.1		
ISRG2 IOS	gregg-xtr	153.16.17.16/28 2610:d0:1203::/48	153.16.17.17	<dhcp>	gs9591.lsp4.net
ISRG2 IOS	google-xtr	153.16.30.0/28 2610:d0:110a::/48	153.16.30.1	64.9.224.225	

ARIN (US Region) – LISP Sites [2]

ARIN

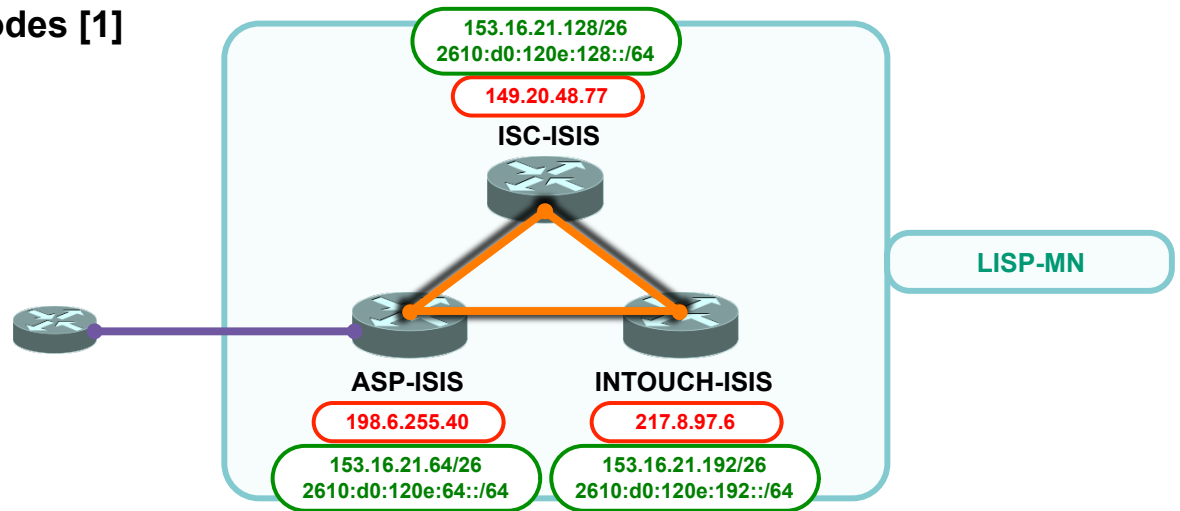
OS	Site Name	EID-Prefixes	Loopbacks	RLOCs	Comments
ISRG2 IOS	samuel-xtr	153.16.13.208/28 2610:d0:1109::/48	153.16.13.209	<dhcp>	
ISRG2 IOS	smadley-xtr	153.16.25.80/28 2610:d0:1112::/48	153.16.25.81	<td>	
ISRG2 IOS	sulrich-xtr	153.16.13.160/28 2610:d0:1215::/48	153.16.13.161	173.11.34.252	
ISRG2 IOS	stevenca-xtr	153.16.13.128/28 2610:d0:1213::/48	153.16.13.129	<td>	
ISRG2 IOS	genworth-xtr	2610:d0:1208::/48	2610:d0:1208::1	68.84.241.245	
ISRG2 IOS	jearango-xtr	153.16.13.144/28 2610:d0:1214::/48	153.16.13.145	<td>	
Titanium NX-OS	icann-xtr	153.16.27.0/24 2610:d0:1107::/48	153.16.27.1	66.165.162.30 2002:42a5:a21e::	
ISRG2 IOS	qcom-corp-xtr	153.16.13.144/28 2610:d0:1214::/48	2610:d0:120d::/4	192.35.156.251	
Titanium NX-OS	facebook-xtr-1	153.16.13.15/24		204.15.21.58	
ISRG2 IOS	facebook-xtr-2	2610:d0:face::/48		74.119.77.125	www.lisp6.facebook.com
ISRG2 IOS	maneshee-xtr	153.16.13.176/28 2610:d0:1216::/48	153.16.13.177	76.21.126.74	

ARIN (US Region) – LISP Sites [3]

ARIN

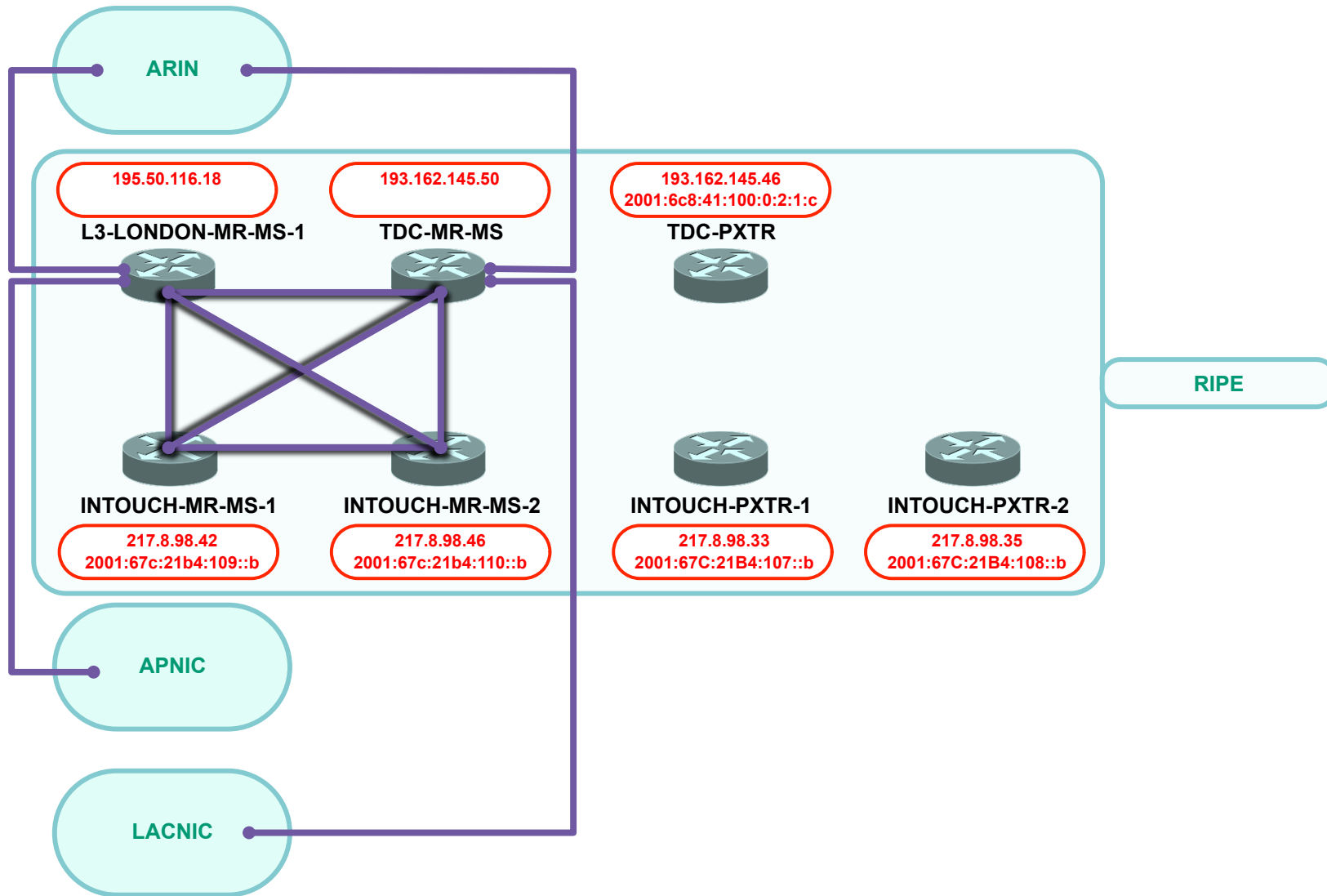
OS	Site Name	EID-Prefixes	Loopbacks	RLOCs	Comments
Titanium NX-OS	msn-xtr	153.16.14.0/24 2610:d0:1204::/48 2a01:111:300b::/64	153.16.14.1	204.95.99.226	www.lisp6.net
ISRG2 IOS	rymcdowe-xtr	153.16.25.0/28 2610:d0:1106::/48	153.16.25.1	<dhcp>	
ISRG2 IOS	srin-xtr	153.16.13.80/28 2610:d0:120b::/48	153.16.13.81	<dhcp>	
Titanium NX-OS	ucla-xtr	153.16.8.0/24 2610:d0:1207::/48	153.16.8.1	149.142.0.87 2607:f010:3fd:3:230:48ff:fe7e: 6edf	http://honeysuckle.noc.ucla.edu/cgi-bin/ smokeping.cgi?target=LISP
ISRG2 IOS	godaddy-xtr	153.16.17.32/28 2610:d0:1200::/48	153.16.17.33	<dhcp>	
ISRG2 IOS	jemannin-xtr	153.16.25.128/28 2610:D0:1115::/48	153.16.25.129	<dhcp>	
OpenWrt	vl-openwrt1-xtr	153.16.17.0/28 2610:00d0:1305::/48	153.16.17.1	<dhcp>	Cisco OpenWrt implementation
OpenWrt	vl-openwrt2-xtr	153.16.17.48/28 2610:00d0:1306::/48	153.16.17.49	<dhcp>	Cisco OpenWrt implementation
OpenWrt	vl-openwrt3-xtr	153.16.17.64/28 2610:00d0:1307::/48	153.16.17.65	<dhcp>	Cisco OpenWrt implementation
ASR1K IOS XE	mastercard-xtr	153.16.13.240/28 2610:d0:121A::/48	153.16.13.241	<tbd> <tbd>	
ISRG2 IOS	chcoutur-xtr	153.16.25.144/28 2610:d0:1116::/48	153.16.25.145	<dhcp>	
ISRG2 IOS	bluethunder-xtr	153.16.25.160/28 2610:d0:1117::/48	153.16.25.161	<dhcp>	

ARIN (US Region) – LISP Mobile Nodes [1]



OS	LISP-MN Name	EID-Prefixes	Map-Server	Comments
Android	chris-mn.lisp4.net chris-mn.lisp6.net	153.16.21.129 2610:d0:120e:128::1	isc-isis	
Android	dino-mn.lisp4.net dino-mn.lisp6.net	153.16.21.65 2610:d0:120e:64::1	asp-isis	
Android	salil-mn.lisp4.net salil-mn.lisp6.net	153.16.21.130 2610:d0:120e:128::2	isc-isis	
Android	srini-mn.lisp4.net srini-mn.lisp6.net	153.16.21.193 2610:d0:120e:192::1	intouch-isis	
Android	vaf-mn.lisp4.net vaf-mn.lisp6.net	153.16.21.131 2610:d0:120e:128::3	isc-isis	
Android	asp-mn.lisp4.net asp-mn.lisp6.net	153.16.21.66 2610:d0:120e:64::2	asp-isis	
Android	job-mn.lisp4.net job-mn.lisp6.net	153.16.21.xxx 2610:d0:120e:192::x	intouch-isis	

RIPE (Europe Region) - Connecting LISP Service Providers Together



RIPE (Europe Region) – LISP Sites [1]

RIPE

OS	Site Name	EID-Prefixes	Loopbacks	RLOCs	Comments
Titanium NX-OS	dino-xtr	153.16.37.0/24 2610:d0:2105::/4	153.16.37.1	173.8.188.25 173.8.188.26 173.8.188.27 <dhcp>	
Titanium NX-OS	wolfgang-odd-xtr	153.16.41.0/24 2610:d0:2109::/48	153.16.41.254	212.114.204.119 2002:d472:ccdc::	
Titanium NX-OS	wolfgang-even-xtr	153.16.42.0/24 2610:d0:210a::/48	153.16.42.254	212.114.204.220 2002:d472:ccdb::	
Titanium NX-OS	wolfgang-client-xtr	153.16.39.0/24 2610:d0:2107::/48	153.16.39.254	212.204.71.39 2002:d472:ccdc::	
Titanium NX-OS	luigi-xtr	153.16.34.0/24 2610:d0:2102::/48	153.16.34.1	130.149.220.149	www.openlisp.com (A 153.16.34.174) AAAA 2610:d0:2102:fff:153:16:34:174
Titanium NX-OS	damien-xtr	153.16.35.0/24 2610:d0:2103::/48	153.16.35.1	130.104.72.212	
ISRG2 IOS	dimitris-xtr	153.16.32.96/28 2610:d0:2117::/48	153.16.32.97	<dhcp>	
ISRG2 IOS	rolfs-xtr	153.16.32.128/28 2610:d0:2116::/48	53.16.32.129	<dhcp>	
ISRG2 IOS	planete-xtr	153.16.44.64/28 2610:00d0:212D::/48	153.16.44.65	<dhcp>	
ISRG2 IOS	bayer-xtr	153.16.43.192/28 2610:00d0:2127::/48	153.16.43.193	<dhcp>	
FreeBSD openLISP	letaneutral-xtr	153.16.44.0/28 2610:00d0:2120::/48	153.16.44.1	<dhcp>	

RIPE (Europe Region) – LISP Sites [2]

RIPE

OS	Site Name	EID-Prefixes	Loopbacks	RLOCs	Comments
ISRG2 IOS	thkernen-xtr	153.16.32.0/28 2610:d0:2100::/48	153.16.32.1	134.222.88.226 195.60.168.242 2001:680:0:800f::c2	
ISRG2 IOS	jobsnijders- intouch-xtr	85.184.3.32/28 2001:6e0:5:100::/56	85.184.3.33	<dhcp>	
ISRG2 IOS	jobsnijders-home- xtr	153.16.43.32/28 2001:67c:208c:10::/64 2610:d0:210d::/48	153.16.43.33	92.254.28.189 2001:1690:101:2ff::2	
ISRG2 IOS	IsarNet-xtr	153.16.32.224/28 153.16.36.0/24 2610:d0:211f::/48	153.16.32.209	<dhcp>	lisp.isarnet.net
ISRG2 IOS	gerd-cbc-xtr	153.16.32.64/28 2610:d0:2114::/48	153.16.32.65	<dhcp>	
ISRG2 IOS	munich-arpt-xtr	153.16.32.192/28 2610:d0:211d::/48	153.16.32.193	134.247.141.114	lisp6.munich-airport.de 2610:d0:211d:1::2
ISRG2 IOS	mitko-xtr	153.16.32.208/28 2610:d0:211e::/48	153.16.32.209	<dhcp>	
ISRG2 IOS	markus-xtr	153.16.32.144/28 2610:d0:2118::/48	153.16.32.145	<dhcp>	
ISRG2 IOS	mkramoli-xtr	153.16.32.160/28 2610:d0:2119::/48	153.16.32.161	<dhcp>	
ISRG2 IOS	mironto-xtr	153.16.32.176/28 2610:d0:211c::/48	153.16.32.177	<dhcp>	
ISRG2 IOS	jakab-xtr	153.16.32.16/28 2610:d0:2104::/48	153.16.32.17	84.88.81.2	

RIPE (Europe Region) – LISP Sites [3]

RIPE

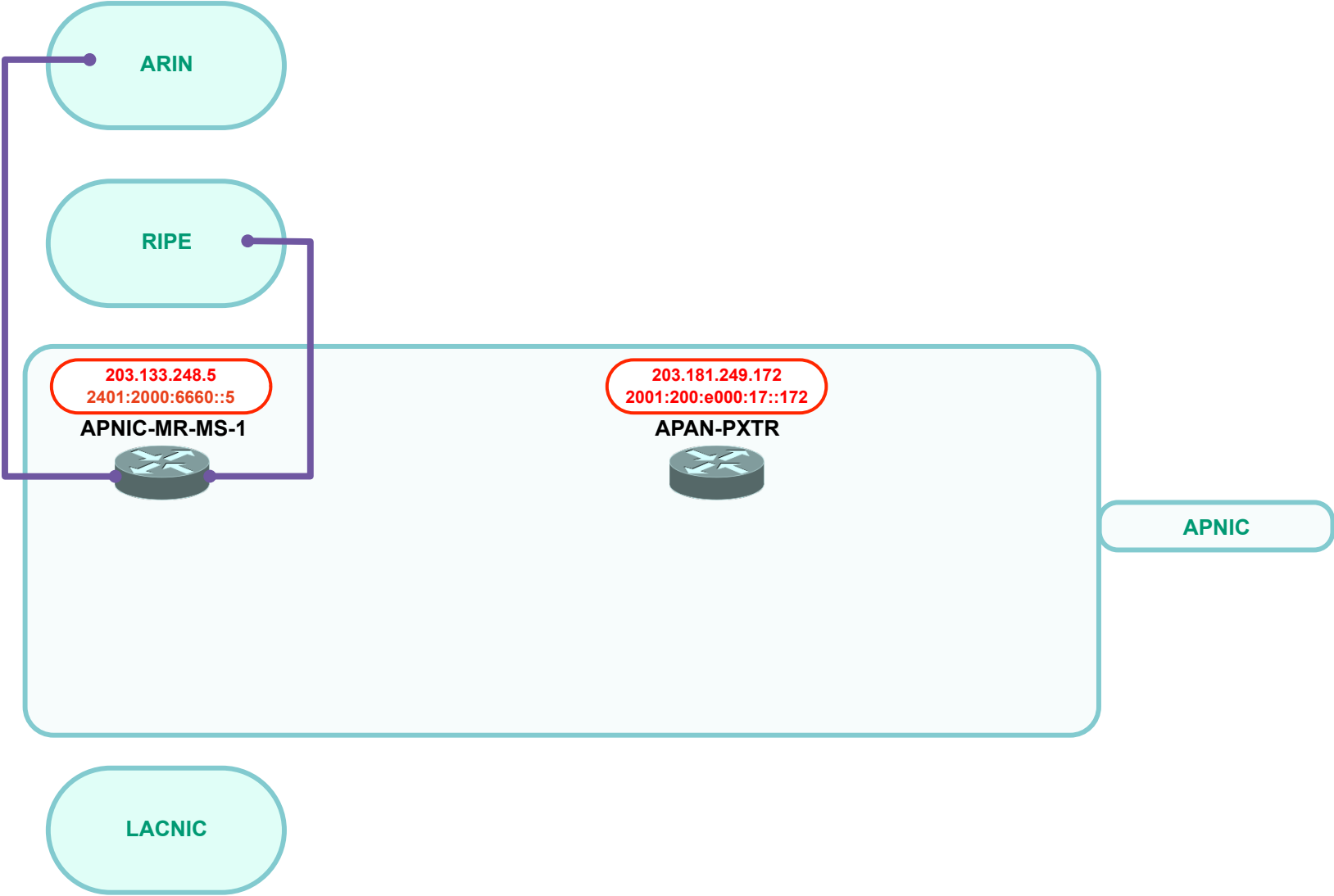
OS	Site Name	EID-Prefixes	Loopbacks	RLOCs	Comments
Titanium NX-OS	simlo-xtr	153.16.40.0/24 2610:d0:2108::/48	153.16.40.1	217.41.88.65	
Titanium NX-OS	gerd-xtr	153.16.33.0/24 2610:d0:2101::/48	153.16.33.1	<dhcp>	
ISRG2 IOS	jesper-xtr	153.16.43.0/28 2610:d0:210b::/48	153.16.43.1	213.207.174.13	
ISRG2 IOS	isidor-xtr	153.16.43.16/28 2610:d0:210c::/48	153.16.43.17	<dhcp>	
ISRG2 IOS	lbromirs-xtr	153.16.32.80/28 2610:d0:2106::/48	153.16.32.81	80.50.136.234 217.153.217.34	
ISRG2 IOS	colin-dublin-xtr	153.16.32.112/28 2610:d0:2115::/48	153.16.32.113	<dhcp>	
ISRG2 IOS	deutsche-bank-xtr	153.16.32.48/28 2610:d0:2113::/48	153.16.32.49	160.83.31.46	www.ipv6-db.com
ASR1K IOS XE	orange-ftgroup-xtr	153.16.45.0/24 2610:d0:211B::/48	153.16.45.1	<tbd>	
ISRG2 IOS	pcharalampou-xtr	153.16.43.240/28 2610:d0:211a::/48	153.16.43.241	<tbd>	
ISRG2 IOS	intouch-dc1-xtr-1	2610:d0:210f::/48		85.184.2.10 2001:6e0:4:2::2	www.lisp4.net www.lisp.intouch.eu
FreeBSD openLISP	lip6-fr-xtr	153.16.38.0/24 2610:D0:2121::/48		<dhcp>	http://www.lip6.fr/
FreeBSD openLISP	korpo-tp-xtr	153.16.44.16/28 2610:D0:2122::/48		<dhcp>	http://www.tp-ir.pl/

RIPE (Europe Region) – LISP Sites [4]

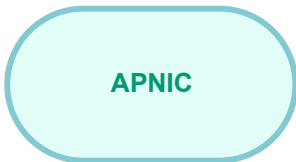


OS	Site Name	EID-Prefixes	Loopbacks	RLOCs	Comments
ISRG2 IOS	mbosecki-xtr	153.16.44.32/28 2610:d0:2123::/48	153.16.44.33	<dhcp>	
ISRG2 IOS	experteach-xtr	153.16.32.240/28 2610:d0:2124::/48	153.16.32.241	217.140.74.100 2001:4b88:10fb:CCCC::1	
ISRG2 IOS	globalknowledge-xtr	2610:d0:2125:/48	<td>	<td>	lisp.muc.globalknowledge.de
ISRG2 IOS	moreas-xtr	53.16.44.48/28 2610:d0:2126::/48	<td>	<td>	http://www.moreas.com.gr/
OpenWrt	marco-openwrt-xtr	153.16.44.64/28 2610:d0:2127::/48	153.16.44.65	<dhcp>	Cisco OpenWrt implementation
linux	giheron-xtr	153.16.44.80/24 2610:d0:2128::/48	<td>	<dhcp>	
ISRG2 IOS	antoine-xtr	53.16.44.96/28 2610:d0:2129::/48	<td>	<td>	
FreeBSD openLISP	uniroma-xtr	153.16.44.112/24 2610:d0:212a::/48	<td>	<dhcp>	

APNIC (Asia Region) - Connecting LISP Service Providers Together

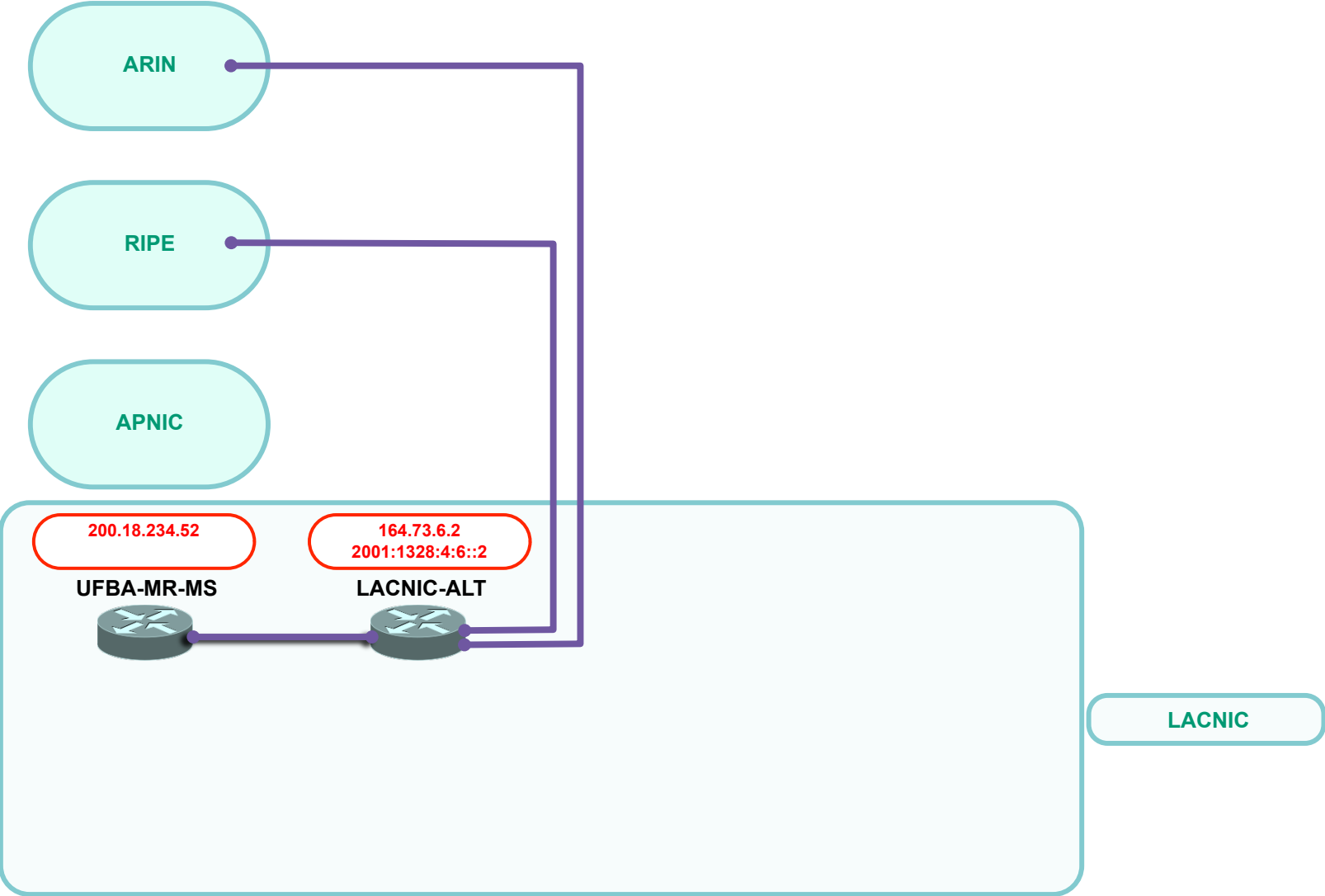


APNIC (Asia Region) – LISP Sites [1]



OS	Site Name	EID-Prefixes	Loopbacks	RLOCs	Comments
Titanium NX-OS	ijj-xtr	153.16.64.0/24 2610:00d0:3100::/48	153.16.64.1	202.214.86.252 2001:240:11e:ce0::8000:9:0	
Titanium NX-OS	apan-xtr	153.16.67.0/24 2610:00d0:3201::/48	153.16.66.1	203.181.249.170 2001:200:e000:17::170	
Titanium NX-OS	hughes-xtr	153.16.65.0/24 2610:00d0:3200::/48	153.16.65.1	203.147.180.17	
FreeBSD openLISP	cht-xtr	153.16.66.112/24 2610:00d0:3209::/48	153.16.66.113	<dhcp>	
ISRG2 FNCS	kddi-labs-xtr FITELnet-G21-xtr	153.16.66.16/24 2610:00d0:3202::/48	153.16.66.17	202.255.44.43 221.186.87.150	http://www.fnsc.co.jp/
ISRG2 IOS	ntt-com-xtr	153.16.66.0/28 2610:00d0:3203::/48	153.16.66.1	192.47.166.38	
ISRG2 IOS	jiwang-xtr	153.16.66.48/28 2610:00d0:3205::/48	153.16.66.48	203.118.54.44	
ISRG2 IOS	cfwong-xtr	153.16.66.80/28 2610:00d0:3207::/48	153.16.66.81	113.28.84.213	
ISRG2 IOS	tata-xtr	153.16.66.32/28 2610:00d0:3204::/4	153.16.66.33	59.163.102.160	
ISRG2 IOS	oasis-tech-xtr	153.16.66.128/28 2610:00d0:320A::/4	153.16.66.129	213.8.20.28	
ISRG2 IOS	logicalis-xtr	153.16.66.96/28 2610:00d0:3208::/48	153.16.66.97	<dhcp>	

LACNIC (Latin America Region) - Connecting LISP Service Providers Together



Statistics:	LACNIC	APNIC	RIPE	ARIN	==	TOTAL
# of xTRs:	1	18	45	61	==	125
# of MRs/MSs	1	1	4	4	==	10
# of PITRs/PETRs:	1	2	4	4	==	11
Total boxes:	3	20	49	69	==	146

Platforms:

ISR/G2/7200 IOS:	0	12	27	36	==	75
Titanium NX-OS:	3	5	11	17	==	36
c200 NX-OS:	0	0	3	5	==	8
Nexus 7000 NX-OS:	0	0	1	2	==	3
ASR 1K IOS:	0	0	1	4	==	5
Linux/Open Source:	0	1	6	5	==	12
Other Vendor:	0	2	0	0	==	2

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of countries: 27

US (084)	Hong Kong (001)	India (001)
Australia (005)	Czech Republic (002)	Denmark (001)
Greece (004)	Singapore (002)	Uruguay (001)
Cyprus (001)	Ireland (001)	Taiwan (001)
France (002)	Poland (002)	Israel(001)
UK (004)	Brazil (003)	Argentina (001)
Switzerland (003)	Spain (001)	Italy (001)
Netherlands (011)	Japan (009)	----- (000)
Germany (013)	Norway (001)	----- (000)
Bulgaria (001)	Belgium (001)	----- (000)