

## LIRs from outside the RIPE NCC Service Region

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# Aliens?

- No.
- LIRs registered outside the RIPE NCC service region are perfectly normal
  - As long as they provide service WITHIN the region
- It basically depends on an administrative declaration.
  - Is anyone checking?



Photo by Tertia van Rensburg on Unsplash

# Are there many?

- Yes and No.
- 20171 LIRs on **2018/10/11**
  - source: labs.ripe.net
- I could count **840**
  - from the alloclist file
  - which doesn't include «resource empty» LIRs
- i.e. **~4%**



## TOP-10, BY RIR

ISO 3166	#	Country	RIR
US	407	United States	ARIN
SC	244	Seychelles	AFRINIC
HK	30	Hong Kong	APNIC
CA	29	Canada	ARIN
VG	20	British Virgin Islands	ARIN
BZ	17	Belize	LACNIC
IN	13	India	APNIC
CN	12	China	APNIC
AU	12	Australia	APNIC
PA	8	Panama	LACNIC

RIR	#
ARIN	459
AFRINIC	263
APNIC	84
LACNIC	34
<b>Total</b>	<b>840</b>

# What jumps to the eye? Seychelles

## Independence

- from the [United Kingdom](#) 29 June 1976

## Area

- Total 459 km<sup>2</sup> (177 sq mi) (181st)
- Water (%) negligible

## Population

- 2016 estimate 94,228<sup>[1]</sup> (195th)
- Density 205.3/km<sup>2</sup> (531.7/sq mi) (67th)



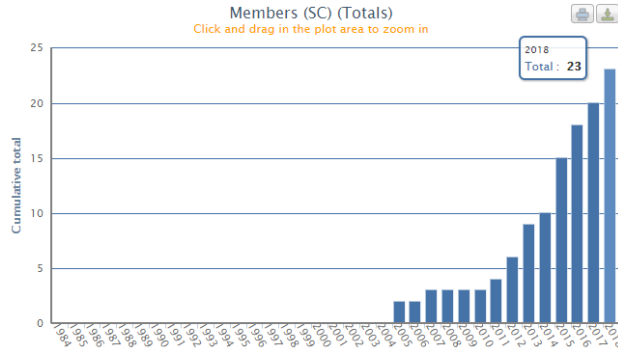
Photo by Stéphane Juban on Unsplash



Seychelles, on the Indian Ocean, 244 LIRs

# Seychelles, 244 LIRs, Company Addresses

- Data publicly available at:
  - [https://www.ripe.net/membership/indices/data/<lir\\_handle>](https://www.ripe.net/membership/indices/data/<lir_handle>)
- Surprisingly enough, **only 38 out of 244** have Seychelles-based addresses
- Seychelles members @Afrinic
  - **23**



Country	#
Russian Federation	185
Seychelles	38
Spain	5
Romania	4
Israel	3
Netherlands	2
Hong Kong	2
United Kingdom	1
Switzerland	1
Latvia	1
Czech Republic	1
Cyprus	1

## Trying to determine jurisdiction...?

- Just to focus on an extreme example...
  - LIR registered as if the company is from the Seychelles (i.e. sc.\*, Africa)
  - Address from Hong Kong (Asia)
  - And remember, the LIR customer can be from a 3rd country
  - Then you can ping or traceroute... (one more country?)

So.....

- Does the country code half in the LIR handle mean anything nowadays?
- Is this yet another jurisdiction evasion technique?
- What needs to be changed within policies?

**THANKS!  
BEDANKT!  
OBRIGADO!**