Lanka Education and Research Network

Eduroam Monitoring

Identity Access Federation for R&E Institutes of Sri Lanka

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Eduraom Monitoring

❖ **Monitoring is done by**

➢ **Globally by monitor.eduroam.org**
➢ **National Roaming Operator – LEARN monitoring**

Monitoring.eduroam.org

Monitored under following categories:

- ➢ Facts (DB)
- ➢ Maps
- ➢ Monitoring
- ➢ Statistics(F-Ticks)

Eduraom Monitoring : Facts(DB)

➤ **General info**

| monitor.eduroam.org | Facts (DB) ▾ | Maps ▾ | Monitoring ▾ | Statistics (F-ticks) ▾ | Configure your device (CAT) | Login |

General information

| Europe | Africa | **APAN** | SOAM | NOAM |

Country	NREN/NRO	Number of service locations	Number of IdPs	Number of SPs
Australia	AARNet	442	82	113
Bangladesh	BdREN	28	28	28
China, Mainland	CSTNET	3	3	3
Hong Kong	JUCC	N/A	N/A	N/A
India	ERNET	N/A	N/A	N/A
Indonesia	UII	30	28	29
Iran	IRANet/IPM			
Japan	NII	1796	216	211
Korea	KREONET	920	66	66
Laos	NUOL	3	3	3
Lebanon	AUB	1	1	1
Macau	University of Macau	N/A	N/A	N/A
Malaysia	MYREN	215	152	154
Nepal	NREN	44	37	44
New Zealand	REANNZ	206	37	38

➤ **DB Web**

Monitoring.eduroam.org : Maps

➤ Service Location Maps
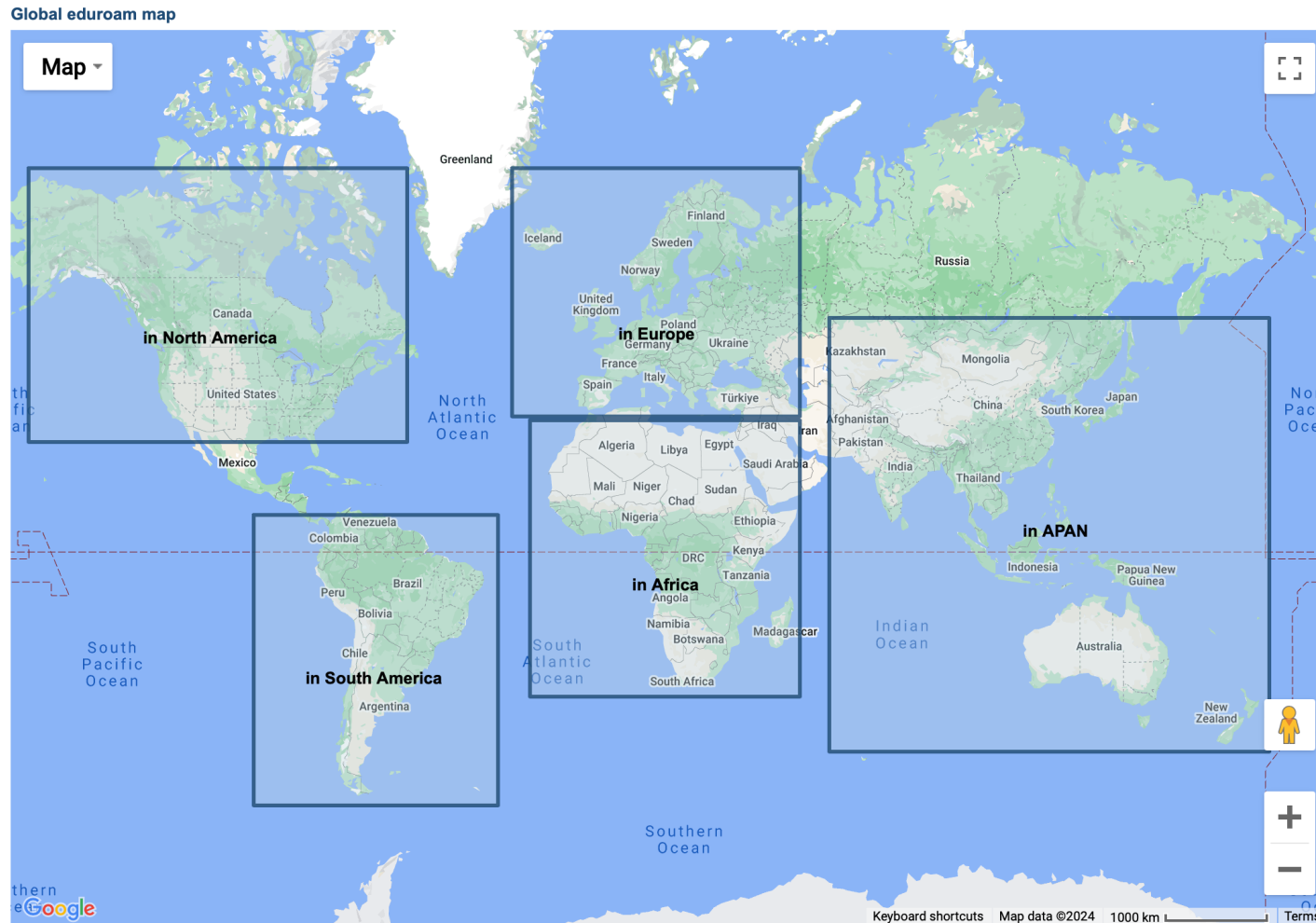
Monitoring.eduroam.org : Maps

➢ Realm Policy Map

Service data

NRO in the world

Monitoring.eduroam.org : monitoring

Monitored as follows:

- ➤ RADIUS server monitoring : Direct monitoring
- ➤ Insfrastructure Monitoring(Realms)
- ➤ Status(Warning and errors)

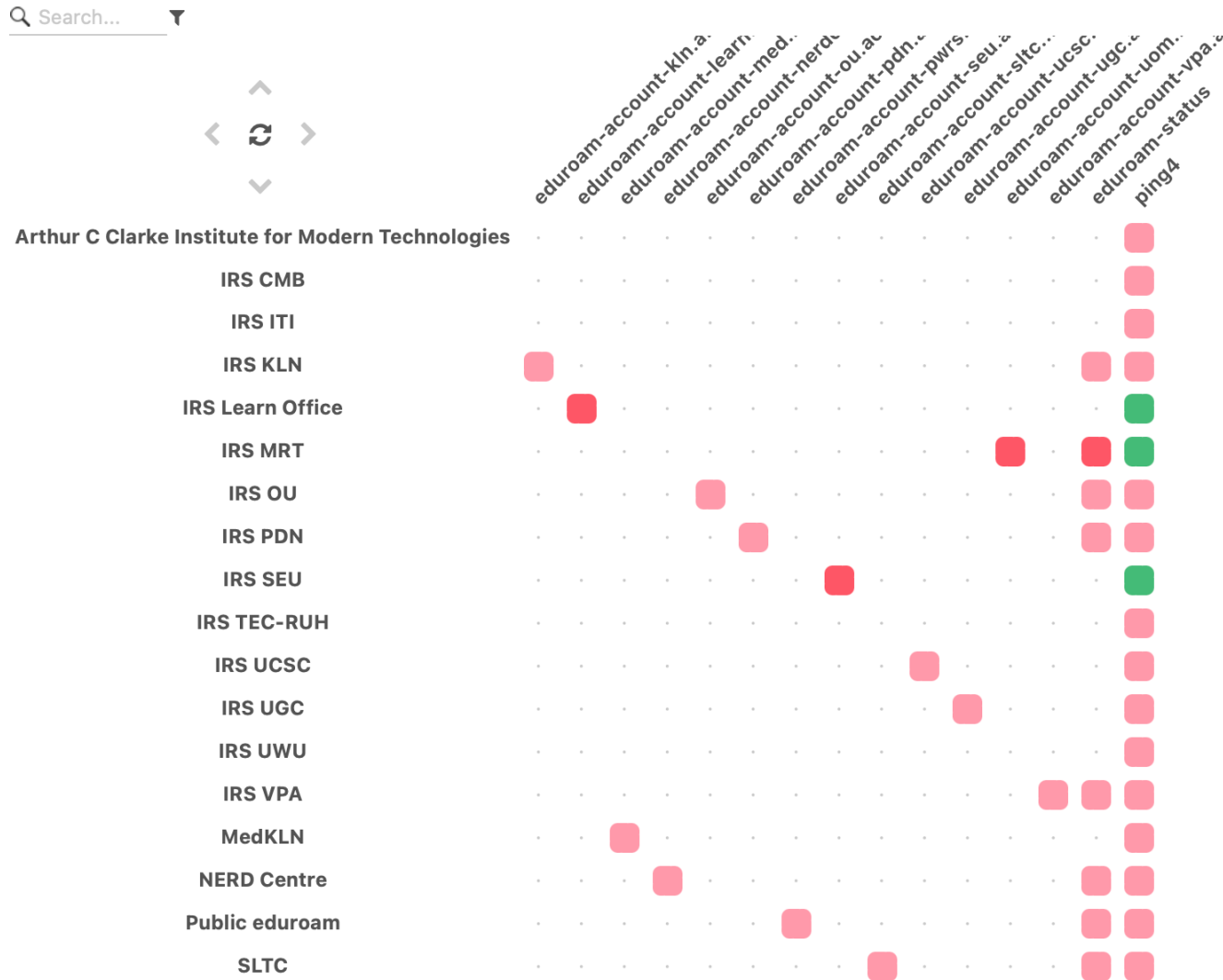# Monitoring.eduroam.org : Statistics(F-Ticks)

Statistics are categorised as follows:

- ➢ Statistics per country
- ➢ Global table
- ➢ Map of users coming from
- ➢ Map of users travelling to

Monitoring by LEARN

Icinga is used for Monitoring

Monitoring by LEARN

To add your irs service to monitoring tool,

- ➢ Address of the institute
- ➢ Contact details of the administrator : Name, Email, Contact number
- ➢ Institutional Details:
  1. Institute Name
  2. URLs for info and policy of the institute
  3. Latitude and longitude of the institute
- ➢ Realm which is used in the eduroam service
- ➢ Server(IRS) IP and secret
- ➢ Credentials for Test user account

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Thank you
Any questions?