



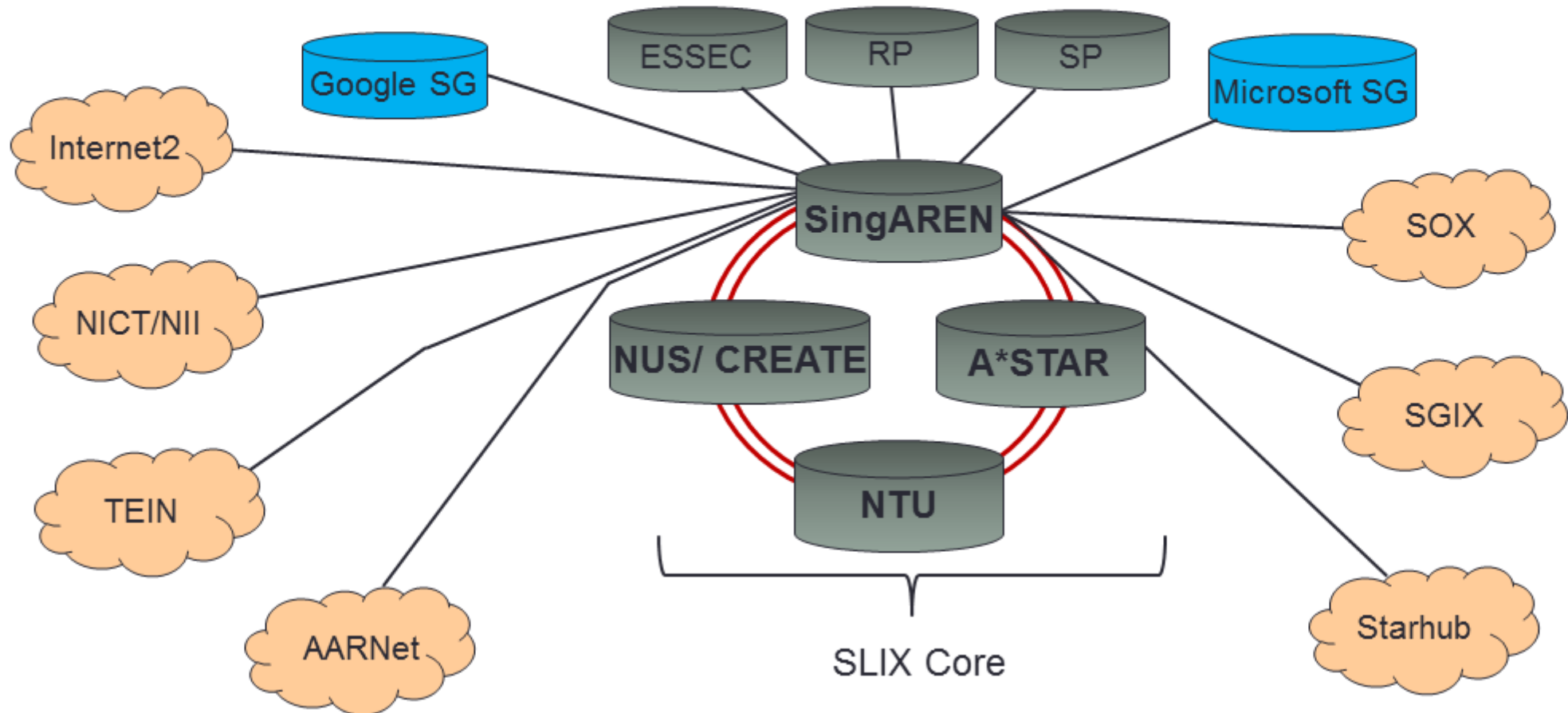
Singapore Advanced Research and Education Network

[www.singaren.net.sg](http://www.singaren.net.sg)

[ipv6.singaren.net.sg](http://ipv6.singaren.net.sg)

# Network Configuration

## SingAREN-Lightwave Internet Exchange (SLIX)



# International Connections

- NICT/ NII: 10 Gbits/s   ⇒ Providing connections to HK, JP, US
- AARNet:    2.5 Gbits/s   ⇒ Providing connections to AU
- TEIN4:     90 Mbits/s   ⇒ Providing connections to EU, AU, Asia



# SingAREN Services



- Secure roaming access service developed for the international research and education community.
- Institutions that have deployed eduroam:
  - A\*STAR
  - Nanyang Technological University (NTU)
  - National Institute of Education (within NTU campus)
  - National University of Singapore (NUS)
  - Singapore Management University (SMU)
  - Singapore University of Technology and Design (SUTD)

# Upcoming Projects

- Cloud Platform for Database Mirroring
- Collaboration with National Super Computing Centre (NSCC) and international partners to form links for:
  - SG → US
  - SG → EUR
  - SG → JP
- Singapore Access Federation (Currently in pilot stage)

# Cloud Platform – Database Mirroring

- Supports Singapore's R&E community, in terms of the researchers' need to access overseas databases (in particular Life Science Databases).

# Singapore Access Federation

- Collaboration with Australian Access Federation (AAF) for POC and knowledge sharing with the Technical Committee.
- Useful for upcoming NSCC and SLIX database mirroring services.