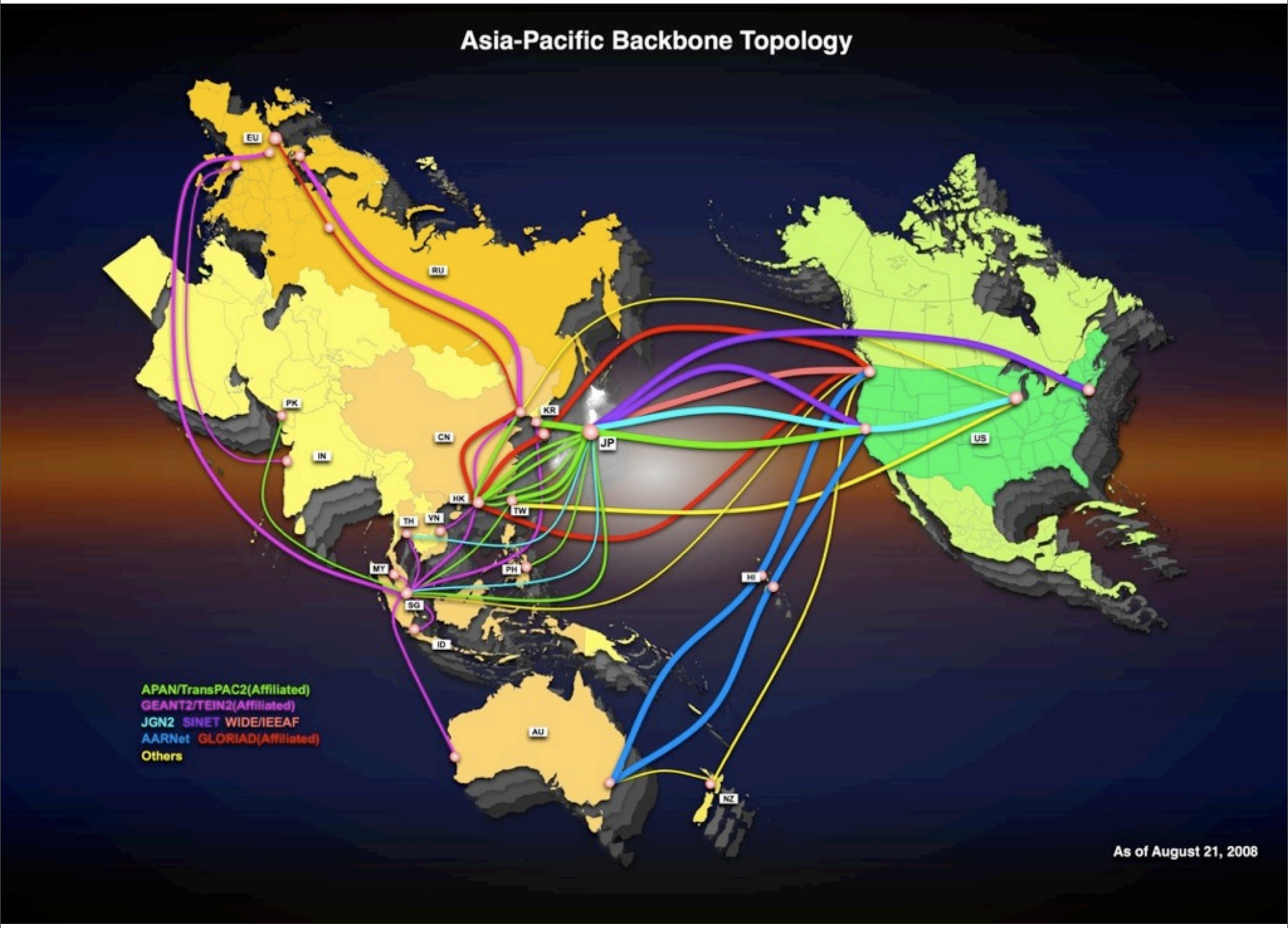
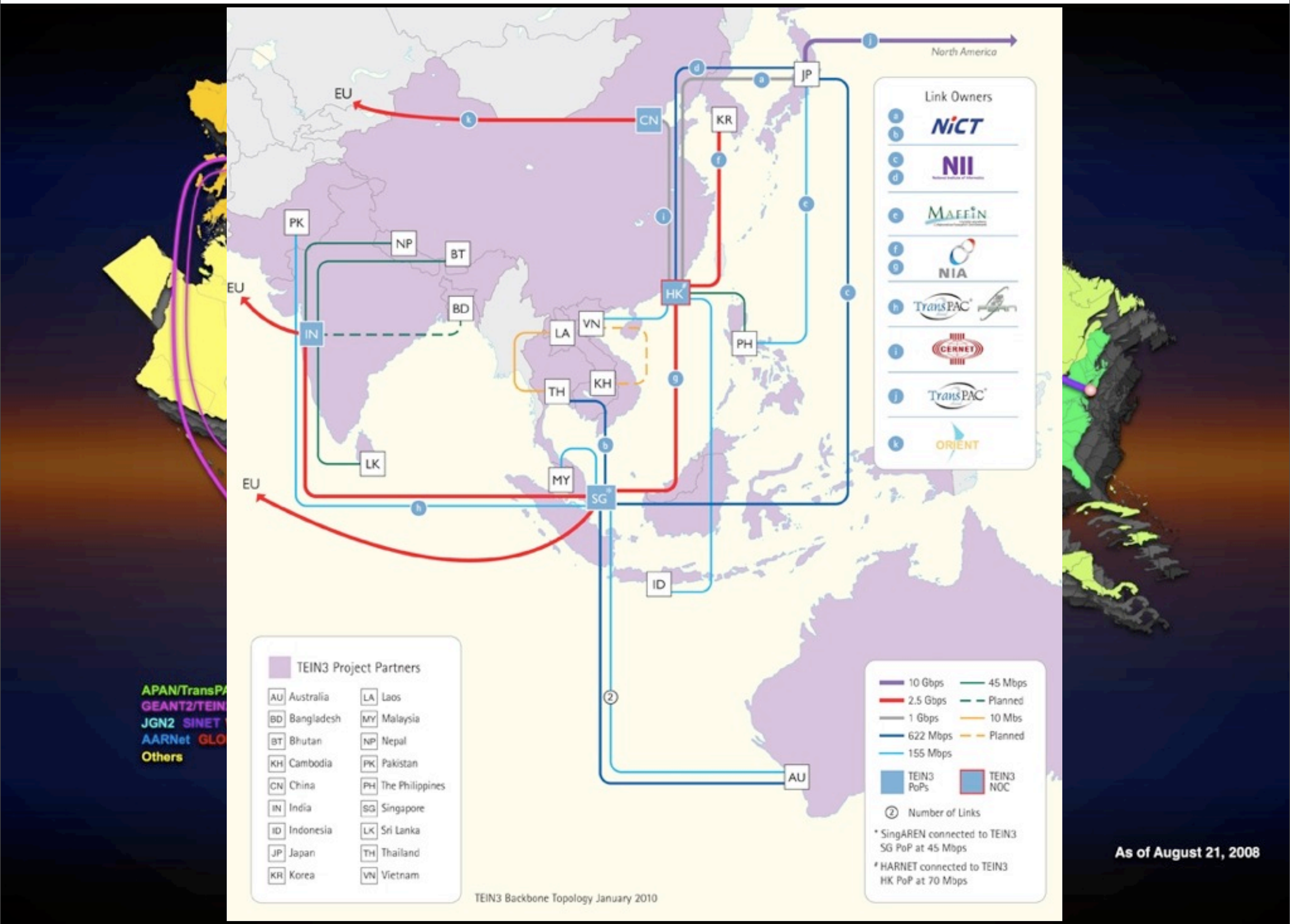
Asia-Pacific Backbone Topology



As of August 21, 2008


North America
EU
EU
EU
CN
KR
JP
HK
PK
NP
BT
BD
IN
LA
VN
TH
KH
PH
LK
MY
SG
ID
AU
Link Owners
NiCT
NII
MAFFIN
NIA
TransPAC
CERNET
TransPAC
ORIENT
TEIN3 Project Partners
AU Australia
BD Bangladesh
BT Bhutan
KH Cambodia
CN China
IN India
ID Indonesia
JP Japan
KR Korea
LA Laos
MY Malaysia
NP Nepal
PK Pakistan
PH The Philippines
SG Singapore
LK Sri Lanka
TH Thailand
VN Vietnam
10 Gbps
2.5 Gbps
1 Gbps
622 Mbps
155 Mbps
45 Mbps
Planned
10 Mbs
Planned
TEIN3 PoPs
TEIN3 NOC
Number of Links
* SingAREN connected to TEIN3 SG PoP at 45 Mbps
# HARNET connected to TEIN3 HK PoP at 70 Mbps
TEIN3 Backbone Topology January 2010
APAN/TransPA
GEANT2/TEIN
JGN2 SINET
AARNet GLO
Others
As of August 21, 2008

Asia-Pacific Backbone Topology

As of February 2nd 2010

diff.

- ID
  - SG → HK
- PH
  - 45Mbps to HK
- IN, LK, NP joined.

DCN & perfSONAR

DCN

- Thailand
  - DVTS over DCN was demonstrated last December.
    - ThaiREN, Uninet, ThaiSARN
- Korea
  - DCN service started yesterday.
  - JP and KR are on the inter-domain DCN.
    - KOREN

perfSONAR

- TEIN3 perfSONAR hands-on workshop
- VINAREN started perfSONAR last June.

- DCN and perfSONAR
  - Thailand
    - ThaiREN, Uninet and ThaiSARN
  - Korea
    - KOREN
  - Vietnam
    - VINAREN