



# Internet2: Partnerships in the Americas

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# Internet2: Partnerships

Partnerships are key to Internet2

International partners are of strategic importance to Internet2

- *Ensure global interoperability*
  - of the next generation of Internet technologies and applications
- *Enable global collaboration*
  - in research and education providing/promoting the development of an advanced networking environment internationally



# Internet2: International Partnerships

Build effective partnerships in other countries

With organizations of similar goals/objectives and similar constituencies

Mechanism: Memoranda of Understanding



# International MoU Partners

## Europe-Middle East

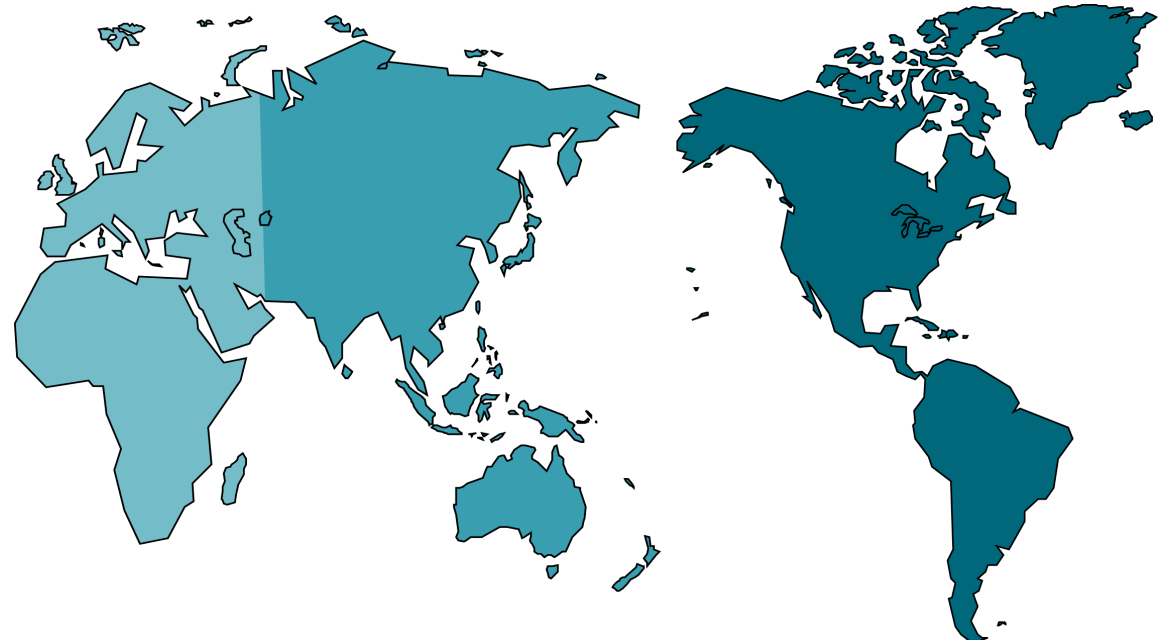
ARNES (Slovenia)  
BELNET (Belgium)  
CARNET (Croatia)  
CESnet (Czech Republic)  
DANTE (Europe)  
DFN-Verein (Germany)  
GIP RENATER (France)  
GRNET (Greece)  
HEAnet (Ireland)  
HUNGARNET (Hungary)  
INFN-GARR (Italy)  
Israel-IUCC (Israel)  
NORDUnet (Nordic Countries)  
POL-34 (Poland)  
RCST (Portugal)  
RedIRIS (Spain)  
RESTENA (Luxembourg)  
SANET (Slovakia)  
Stichting SURF (Netherlands)  
SWITCH (Switzerland)  
TERENA (Europe)  
JISC, UKERNA (United Kingdom)

## Asia-Pacific

AAIREP (Australia)  
APAN (Asia-Pacific)  
APAN-KR (Korea)  
APRU (Asia-Pacific)  
CERNET, CSTNET, NSFCNET (China)  
JAIRC (Japan)  
JUCC (Hong Kong)  
NECTEC / UNINET (Thailand)  
SingAREN (Singapore)  
TAnet2 (Taiwan)

## Americas

CANARIE (Canada)  
CEDIA (Ecuador)  
CNTI (Venezuela)  
CRNET (Costa Rica)  
CUDI (Mexico)  
REUNA (Chile)  
RETINA (Argentina)  
RNP (Brazil)  
SENACYT (Panama)





# Abilene International Peering (January 2003)

## Pacific Wave

AARNET,  
APAN/TransPAC†,  
CA\*net, TANET2

## STAR TAP/Star Light

APAN/TransPAC†, CA\*net, CERN, CERNET/CSTNET/NSFCNET,  
NAUKAnet, GEMnet, HARNET, KOREN/KREONET2, NORDUnet,  
SURFnet, SingAREN, TANET2

## SNVA

GEMNET,  
SingAREN,  
WIDE(v6)

## L.A.

UNINET

## San Diego (CALREN2)

CUDI

## El Paso (UACJ-UT El Paso)

CUDI

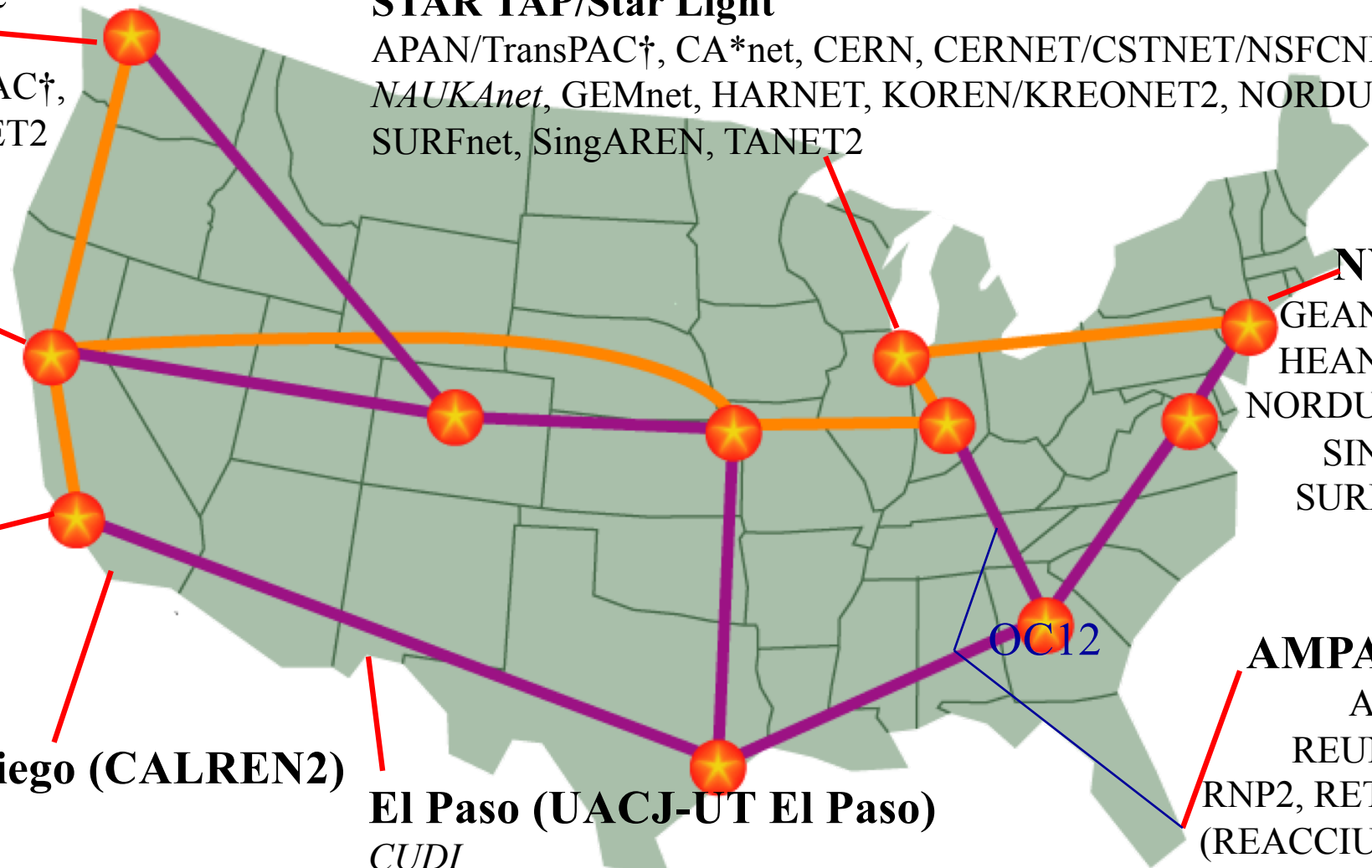
OC12

## NYC

GEANT\*,  
HEANET,  
NORDUnet,  
SINET,  
SURFnet

## AMPATH

ANSP,  
REUNA2,  
RNP2, RETINA  
(REACCIUN-2)



•ARNES, ACONET, BELNET, CARNET, CERN, CESnet, CYNET, DFN, EENet, GARR, GRNET, HEANET, IUCC, JANET, LATNET, LITNET, NORDUNET, RENATER, RESTENA, SWITCH, HUNGARNET, GARR-B, POL-34, RCST, RedIRIS, SANET, SURFNET

† WIDE/JGN, IMnet, CERNet/CSTnet./NSFCNET, KOREN/KREONET2, SingAREN, TANET2, ThaiSARN



# Partners in the Americas



Canada

México



Venezuela



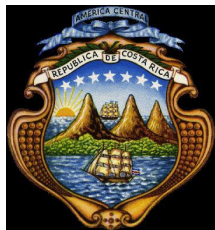
Chile



Brazil



Argentina



Costa Rica

CRNet



Ecuador



Panamá



Discussions in progress:

- Peru
- Colombia
- Uruguay
- Guatemala
- Cuba



# Key value of Internet2 members in the International space

## AMPATH: Florida International University

- Key and critical role in providing connections for Internet2 community and South America and Caribbean

## Internet2 and AMPATH





# Strengthening advanced networking in the Americas

## CLARA: Cooperación Latinoamericana de Redes Avanzadas

- Supportive of the efforts of our Latin American partners
- Internet2 looks forward to supporting CLARA

## Next Generation Optical Infrastructure in the United States and beyond





# Partnerships and Engagement on a Global Basis

Together, we need to:

- Establish leading, high-performance network infrastructures in support of science, teaching and learning
- Provide the infrastructure for research collaboration throughout the hemisphere
- Ensure global coordination and end-to-end performance in support of our communities



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