



Middle East NREN Challenges and Opportunity

Welcome to UAE.

Fahem Al Nuaimi – CEO Ankabut

UAE NREN (Ankabut) update:

- Total user reach 56 campus with 1G active fiber.
- 10G backbone.
- 155MB international link.
- New data center under construction expected Dec2012.
- Traffic exceed 1G for some users and 10G access upgrade in progress.
- New service introduced (video conference, Virtual class room, HPC , DR, library ..etc.
- In progress with TRA for license .
- Traffic growth in international link.

Challenge:

- 1- Leadership commitments.
- 2- Telecom operator.
- 3- Regulation.
- 4- Finance.
- 5- Clear organization .
- 6- Infrastructure.
- 7- Lack of collaborative projects (local & international).
- 8- e-Education tools.
- 9- Mobility.
- 10- Social Networking.
- 12 - communication and knowledge sharing between users & NRENs.
- 13- Security and Data Ownership.
- 14- New users with little IT & technology knowledge (NREN).
- 15- Technology knowledge of the researcher.

Opportunity:

- 1- Develop cloud computing to host service on behalf of start-up NRENs to allow them focus on growing capacity.
- 2- Establish collaboration researches.
- 3- Outsource of none key functions to member institution.
- 4- Exchange knowledge and expert.
- 5- Exchange resources.
- 6- E education.
- 7- Develop green network.
- 8- Develop an e-news site for Middle East NREN.

THANK YOU

- FAHEM AL NUAIMI
- UAE-ANKABUT – 0506434306
- Fahem.alnuaimi@ankabut.ae