DrukREN

UPDATE

January 2019
SANOG 33
DrukREN Background

- Started as National Project funded by ADB in 2014 with TA from NSRC.
- 10 Gbps high speed network with 11 Point of Presence (PoP).
- Started off by connecting RUB colleges and later hospitals.
- Became operational in April 2018 & is operated and managed by DITT, MoIC.
- DITT represents DrukREN as member of Asi@Connect Project supported by EU to connect NRENs in Asia Pacific.
DrukREN

Internet

TEIN

Network Operators

btlIX

Google/ Facebook Cache

Member

Member

Member
DrukREN SERVICES

1. 100 Mbps/ 1 Gbps Access to Domestic Contents for DrukREN Members.
2. Research & Education Transit - 1 Gbps access to TEIN4 and global REN via NKN - TESTING
3. International Commercial Transit: Bulk Purchase of the Internet Bandwidth
Status - where are we?

- 21 DrukREN Members
- 5 New Member connection *pending*
- TEIN Connectivity through NKN: 1 Gbps (CONNECTED - Testing Phase)
- btIX Connection
Transit BW Utilization before and after btIX

Interface Transit Traffic before btIX

Interface Transit Traffic after btIX
btIX Interface Traffic
How to become DrukREN Member

1. Any institutions and organisations involved in research and education
2. Annual DrukREN Membership Fee:
   - 100 Mbps - Nu. 36,000
   - 1 Gbps - Nu. 60,000
3. Download DrukREN AUP and Membership Application Form (visit https://drukren.bt)
DrukREN 2.0

DrukREN Network

DrukREN

- DrukREN PoP
- 10 Gbps
- Planned 10 Gbps link
Our Partners

NSRC
Network Startup Resource Center

ADB

btix
Bhutan Internet Exchange
Thank You

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