Making BCP
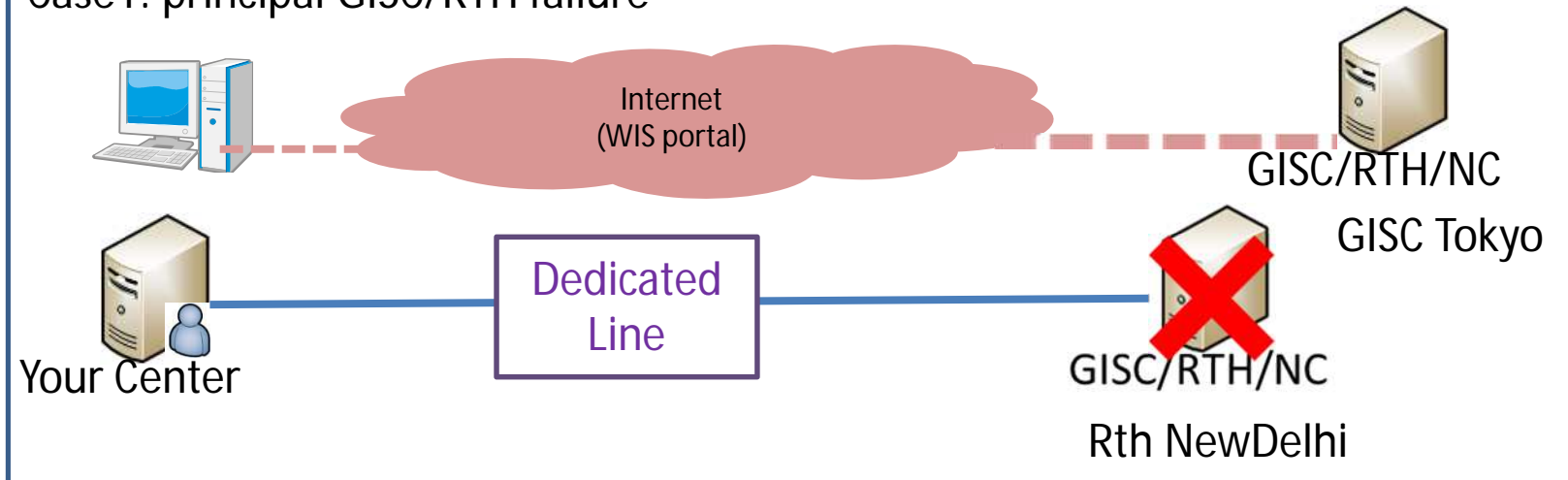
Outcomes from all the lessons in the WIS workshop

Review the BCP plans

- Pick up 1 sheet by each country
- Review Case1: Principal GISC/RTH failure
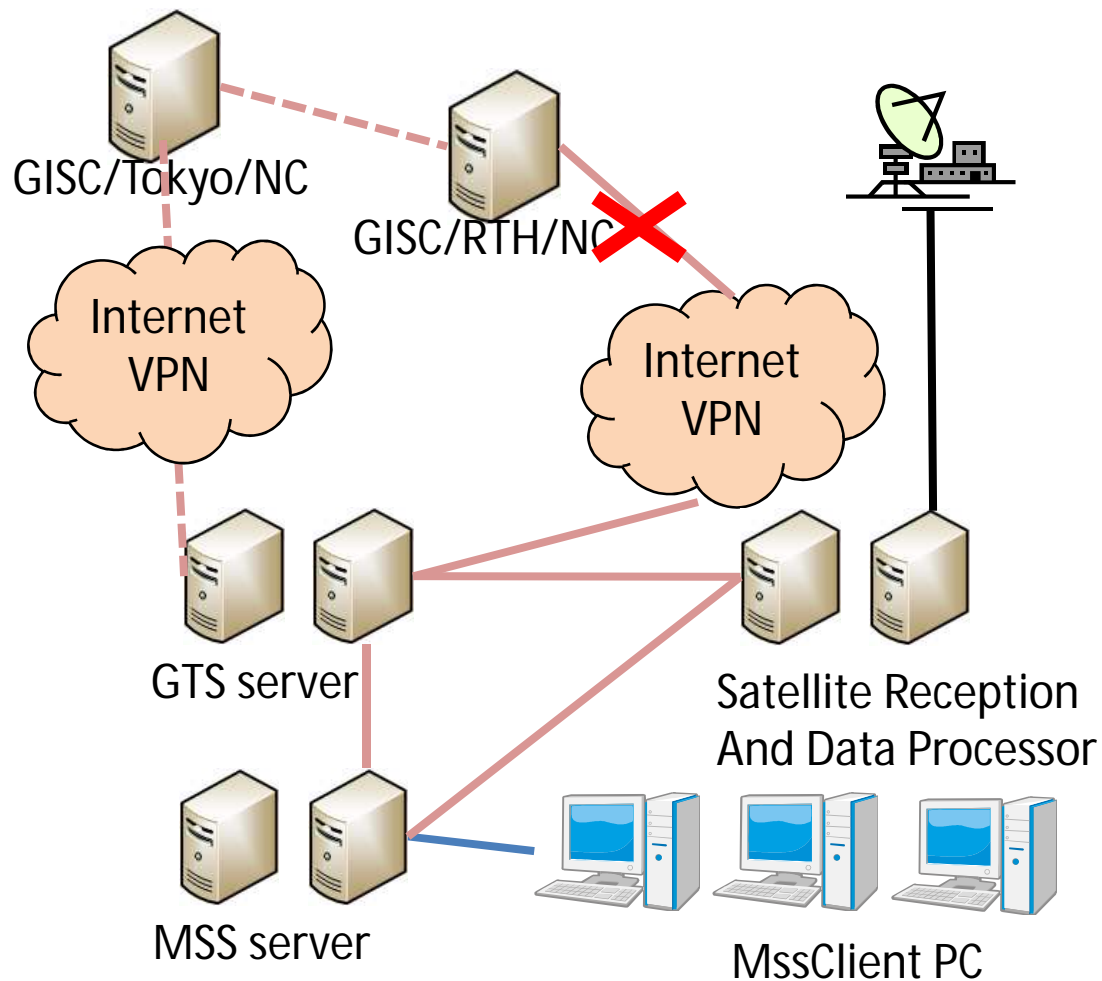
Bangladesh

Case1: principal GISC/RTH failure

Internet
(WIS portal)

GISC/RTH/NC

GISC Tokyo

Your Center

Dedicated
Line

GISC/RTH/NC

Rth NewDelhi

- If Bangladesh already has a PC and internet connection, they can establish a backup plan to download/upload data without additional equipment.

- Further consideration points are 1) PC performance, 2) how to deriver the data to forecasters

- May be your request is IPsec VPN....

Cambodia

GISC/Tokyo/NC

GISC/RTH/NC

Internet VPN

Internet VPN

GTS server

MSS server

Satellite Reception And Data Processor

MssClient PC

- To establish a VPN link to Tokyo, Cambodia will needs to modify on the internet router and GTS server. But may not need additional equipment.

- Further consideration point is confirm if GTS server 1) has duplication check function, and 2) can send same data on both channels
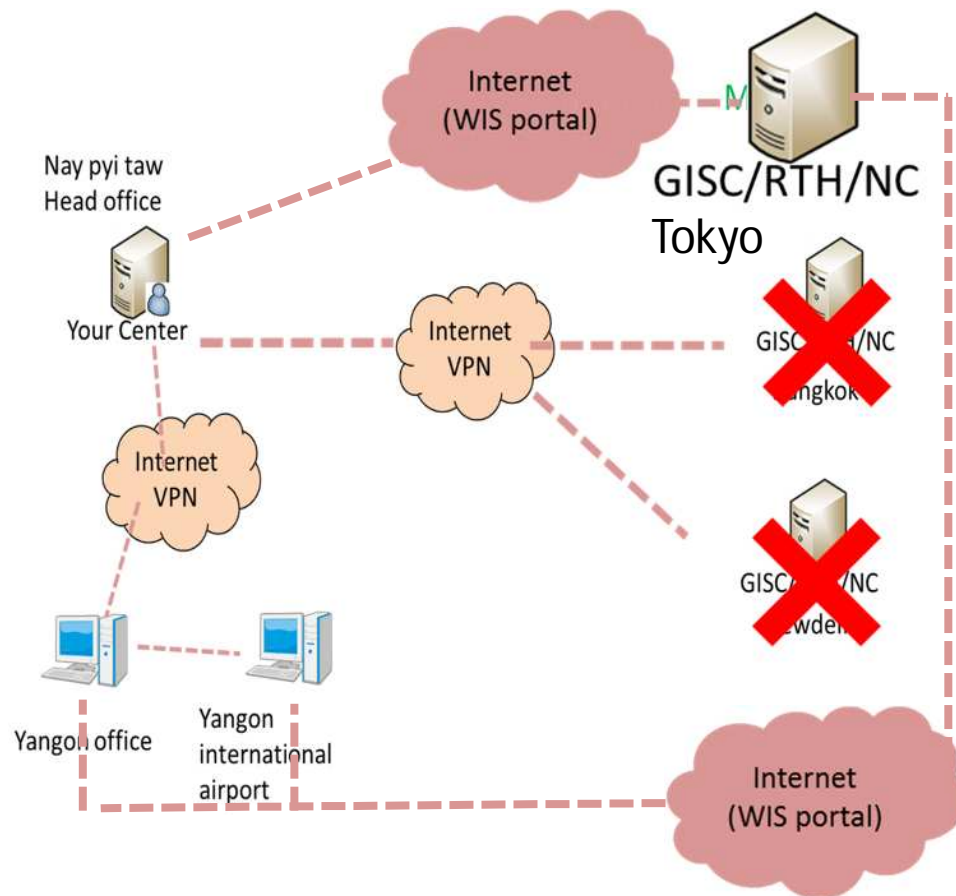
Lao PDR
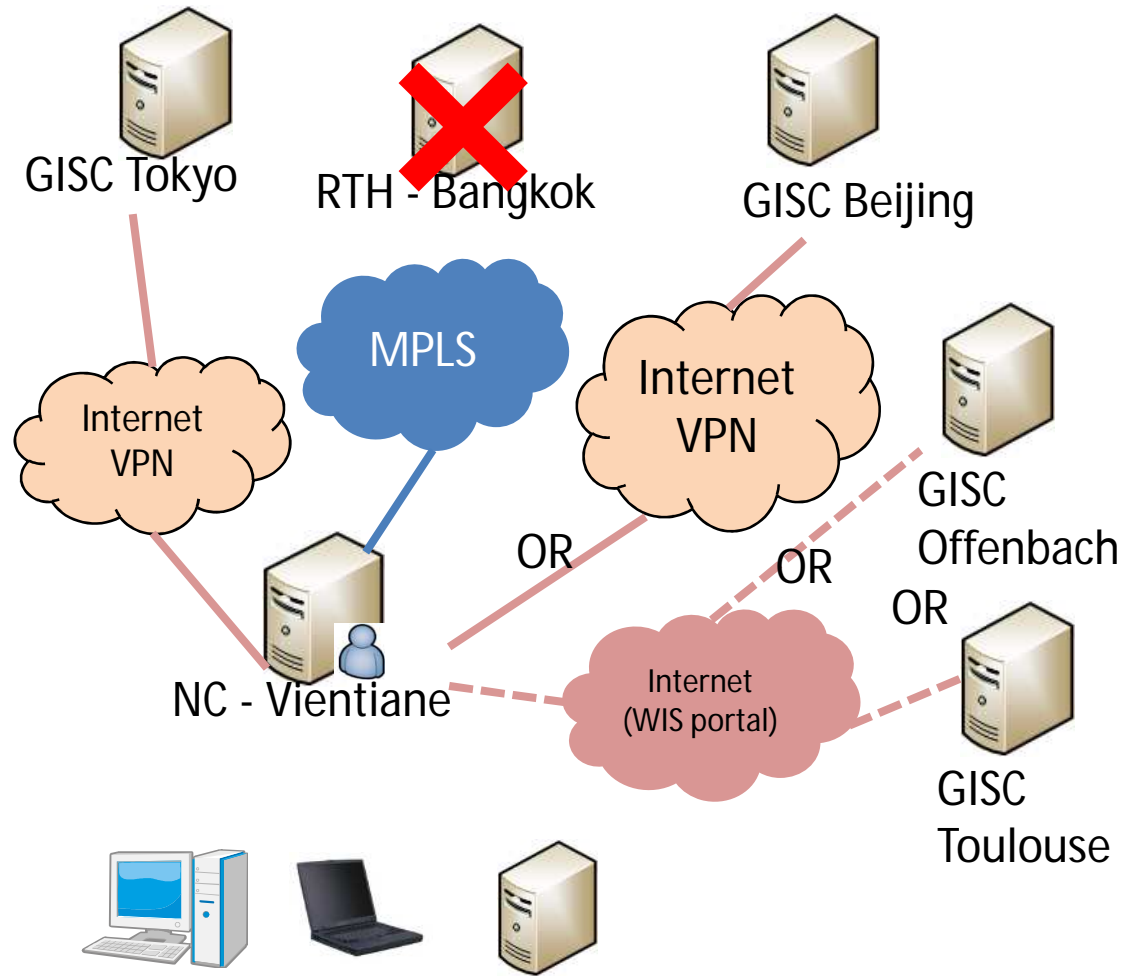
- If Vientiane already has VPN facility, will need to modify configuration on router and GTS server to establish a VPN link to Tokyo

- Further consideration point is how to manage backup operation. 1) always send/receive data on both main link and backup link, 2) switch operation
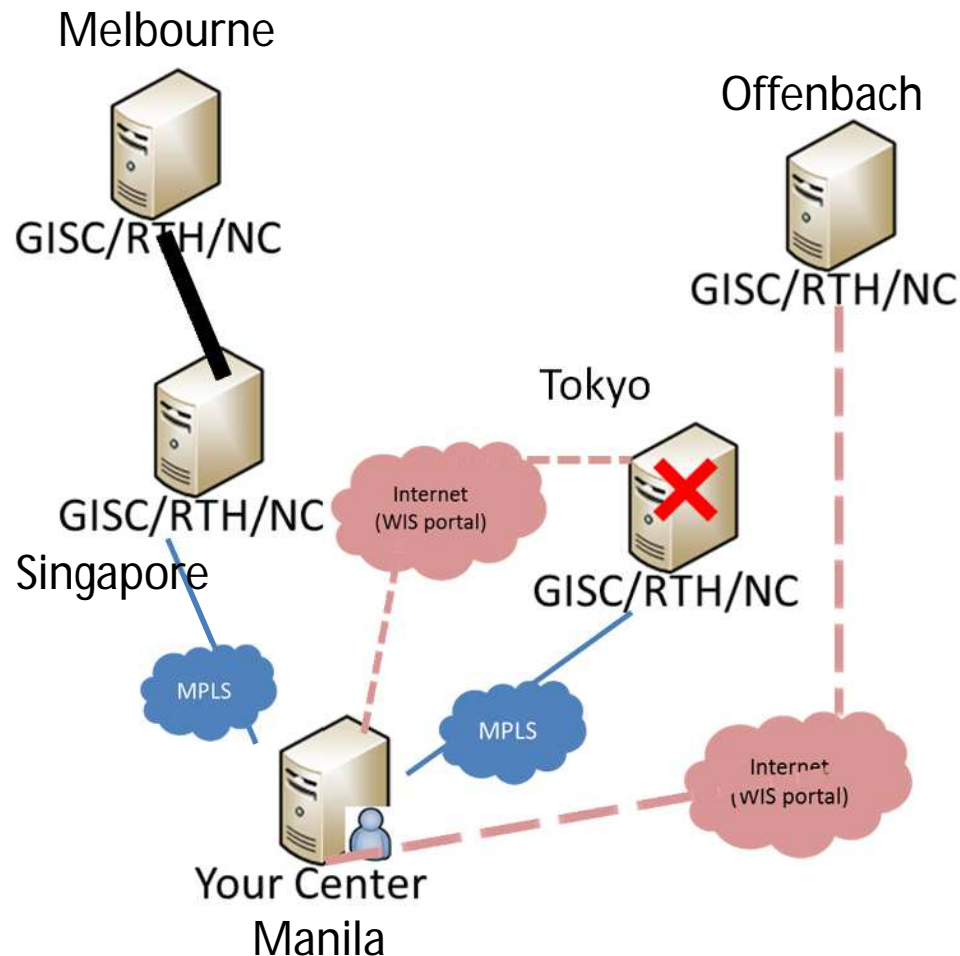
Myanmar

- In this BCP plan, Myanmar need to install subscription and upload application on your GTS system at Nay Pyi Taw.

- Considering point is how to forward WIS portal data from Yangon to Ney Pyi Taw

- May be Ney Pyi Taw request is IPsec VPN to Tokyo.

Philippines

Melbourne
GISC/RTH/NC

Singapore
GISC/RTH/NC

Offenbach
GISC/RTH/NC

Tokyo
GISC/RTH/NC

Internet (WIS portal)

MPLS

MPLS

Internet (WIS portal)

Your Center
Manila

- Manila already has two MPLS links.

- If the GTS system doesn't have internet connection Manila needs install internet facilities (Firewall, network and equipment)

- Further consideration point is 1) which data must be backed up from Singapore, 2) estimate data volume and bandwidth

Qatar

GISC-TOKYO

GISC-JEDDAH

Internet
FTP

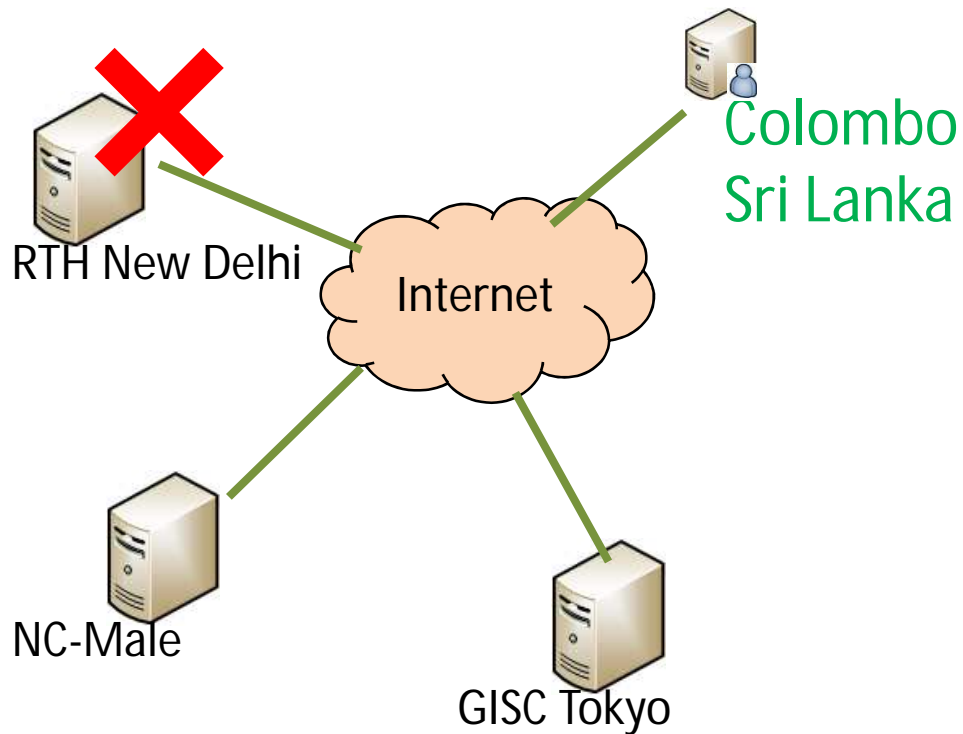MPLS

GISC-Offenbach

DCPC-GMC Qatar
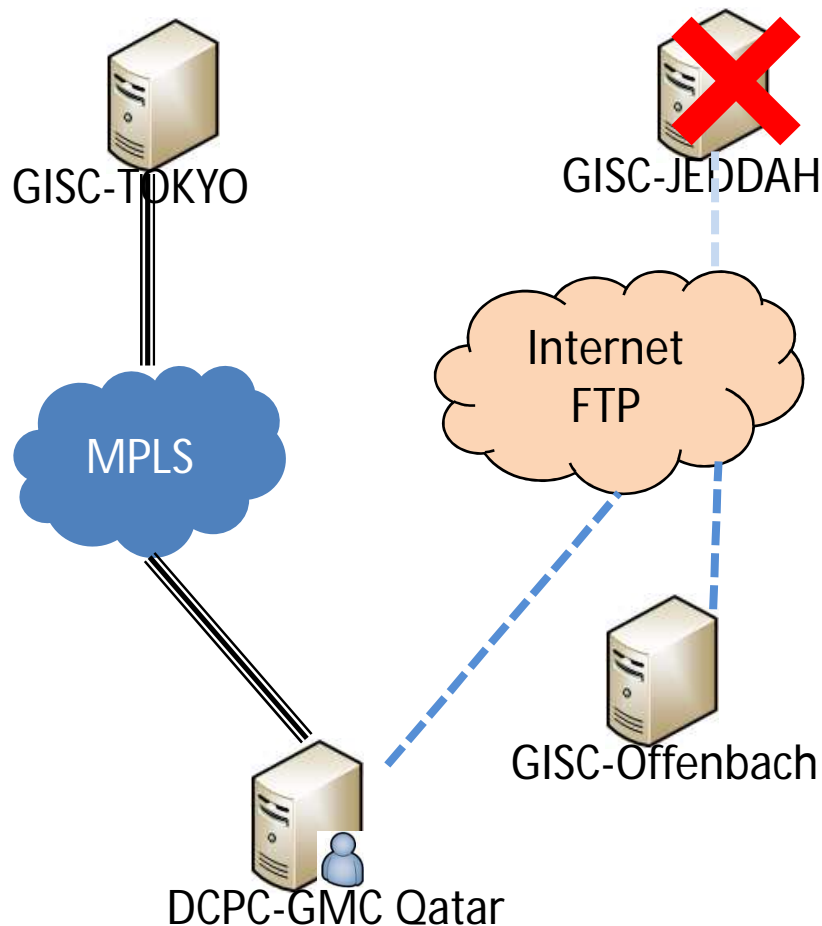
- To establish a new MPLS link, should consider contract and operational cost.
- Establishing MPLS connection is on going
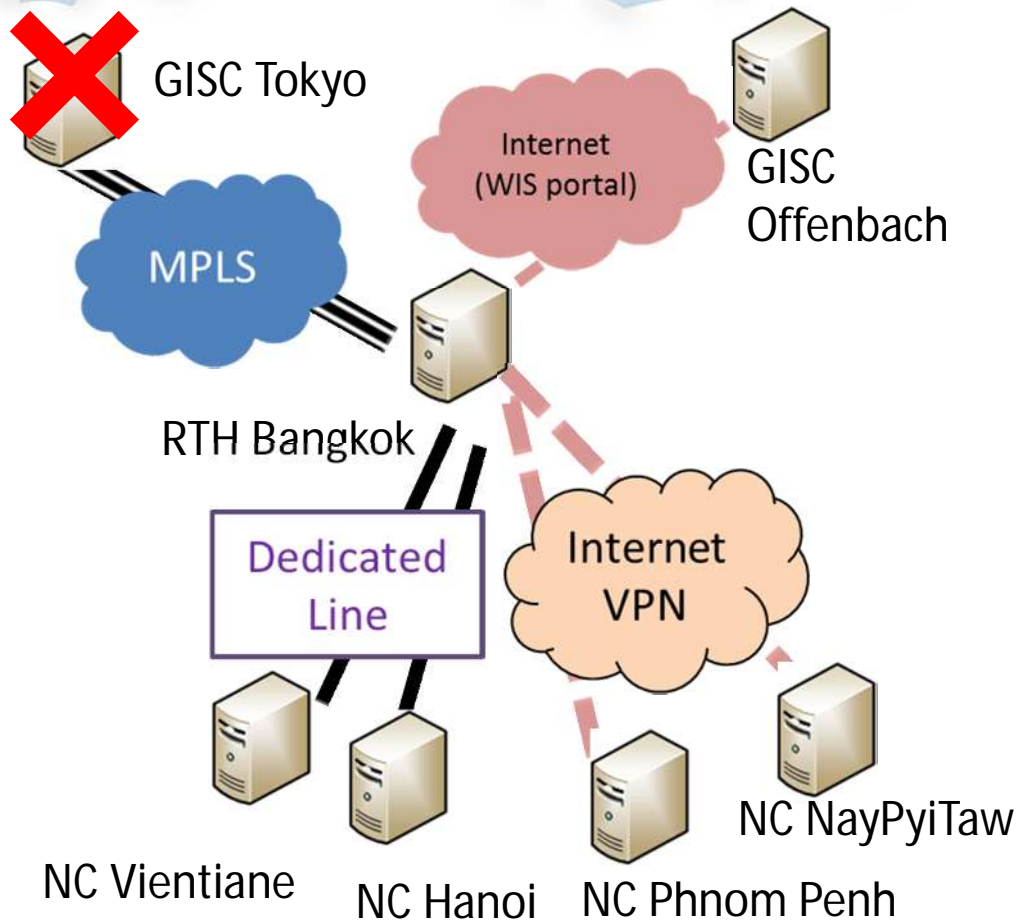- Start making arrangement about exchanging data

Sri Lanka

RTH New Delhi

Internet

Colombo Sri Lanka

NC-Male

GISC Tokyo

- If Colombo already has VPN facility, will need to modify configuration on router and GTS server to establish a VPN link to Tokyo without additional equipment

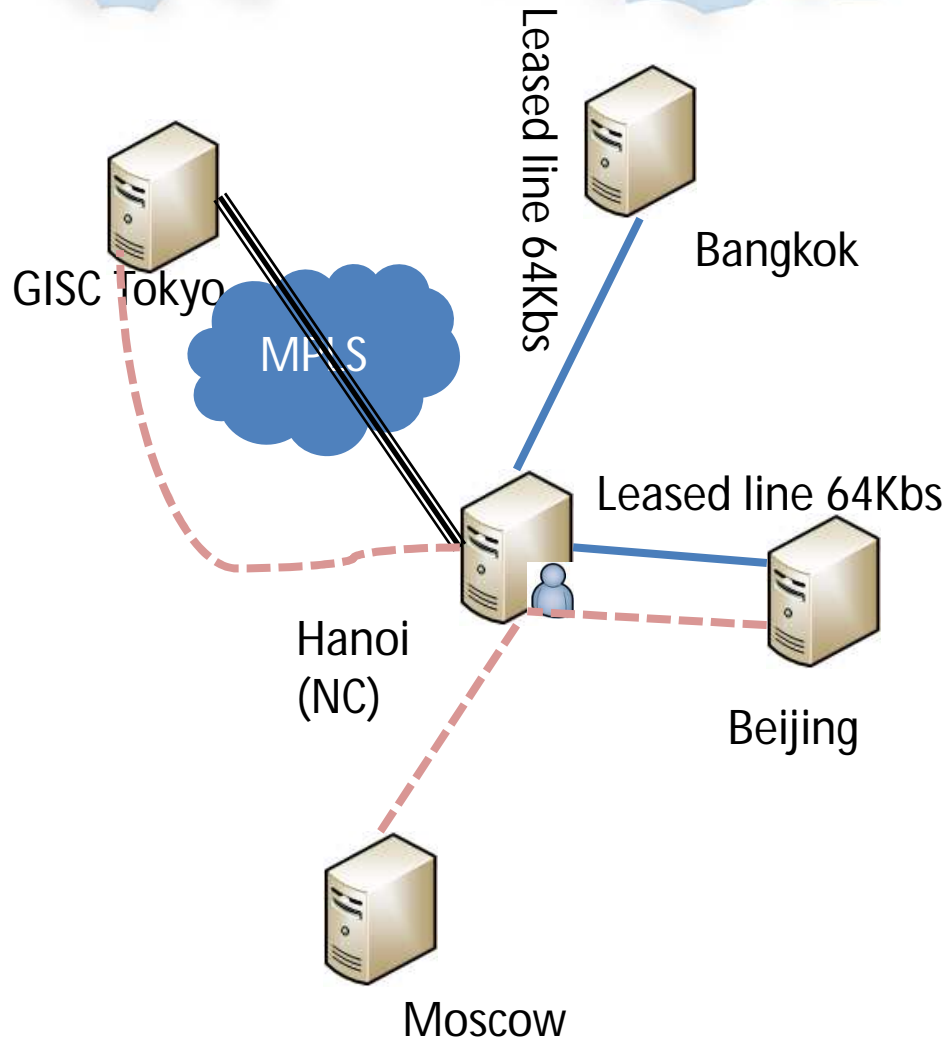- Further consideration point is which data must be backed up

Thailand

- Already operated backup arrangements
- Future consideration point is seeking requirements from NCs and to meet their needs

Vietnam

GISC Tokyo

MPLS

Leased line 64Kbs

Bangkok

Leased line 64Kbs

Hanoi
(NC)

Beijing

Moscow

- To establish a new MPLS link, should consider contract and operational cost.

- Already started discussion about establishing a MPLS link to Tokyo

- Future consideration point is estimate data volume and bandwidth

Cost Balance

Summary

- <u>User requirement</u> is a most impotent item to start consideration of BCP

- Cost balance should be considered. Which <u>backup plan is affordable</u> to meet requirement

- The time window of Lesson 9 was not enough. Please stat <u>discussion about BCP with your colleagues</u>

Thank you for your attention