



## ASEAN Study for APIS

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# Introduction

# Why APIS ?



"Countries' commitment to utilize ICT as an essential tool for achieving the new Sustainable Development Goals at a high-level meeting of the UN General Assembly"

- UNITED NATIONS, 16 Dec.2015 -

- "Today, more than 80% of households in developed countries have internet access. Meanwhile, **two out of three households in developing countries do not**"
- "Strengthened **policy environments and international cooperation are needed** to improve affordability, access, capacity-building, investment and appropriate financing"

# Why ASEAN Study ?

- \* A study for ASEAN sub-region seems to be a litmus to conjecture overall status of other sub-regions
- \* The methodology and outcome of ASEAN Study can be referenced to other sub-regions
- \* Priority areas, action items derived from the ASEAN Study will be applicable to other sub-regions
- \* Harmonized Integration of all the Sub-regional level initiatives will be the reality of APIS

# The ASEAN ICT Masterplan 2020

- 15<sup>th</sup> ASEAN Telmin Meeting, November 2015-

## New Initiatives

### **Initiative 2.1 Strengthen Digital Inclusion in ASEAN**

2.1.1 Create Initiatives to Address Emerging or Growing Digital Divides in ASEAN

### **Initiative 4.1 Fostering Broadband Access and Connectivity**

4.1.1 Reduce development Disparities in Access and Affordability to Broadband Access and Improving ICT Interoperability

## On-going Efforts from AIM 2015

### **Establish an ASEAN Broadband Corridor**

Identify and develop locations in each AMS which offer quality broadband connectivity

Enable seamless usage of broadband services and applications across ASEAN to further connect and enhance the development of ICT and other sectors

Promote the diversity of international connectivity among AMS

### **Establish an ASEAN Internet Exchange Network**

Establish a regulator-operator forum to develop a platform to facilitate ASEAN Internet traffic

Facilitate peering amongst ASEAN Internet access providers to improve latency and speeds as well as lower costs

### **Develop a Framework to Facilitate Transparent and Harmonised ICT Regulations**

Harmonise regulatory practices and ICT standards

# Common Topics

## Topics on ICT

- Diversity of international connectivity
- Seamless Infrastructure Networks and Backbone, Reliable Network
- Well balanced Network
- Fully integrated and coherent mesh configuration;
- Uniform construction the use of Asian Highway, Trans-Asian railway and power transmission
- Single uniform network that offers quality-of-service guarantees
- Missing Links, Cross Border Connectivity
- Judicious mix of land and sea based fiber optic cables
- ASEAN Internet Exchange Network, ASEAN IXPs
- diversity of international connectivity
- IP Transit /Peering
- Cost of Transport back to the primary exchange
- Heavy Reliance on IXP in advanced countries
- International Back haul cost
- Emergency Communications and Resiliency
- Making Broadband Affordable(Less Than 5% of Average monthly Income)
- Connecting Homes to Broadband
- Getting People online
- Bridge the digital divide within ASEAN
- Improve Affordability
- Universal Service Achieve/Universal Access
- Increase Penetration
- Open access and non-discriminatory pricing
- Network neutrality and scalability that allows participation by all stakeholders
- Single Telecom Market
- ASEAN Single Telecommunications Market
- Making Broadband Policy Universal(ITU)
- Enabling Environment, Capacity building

## Common Key Words

- ✓ Geo-spatially Balanced Connectivity
- ✓ Regional Internet(IP) Connectivity
- ✓ Low Cost and Broadband Affordability
- ✓ Open Access and Network Neutrality, Policy Universality

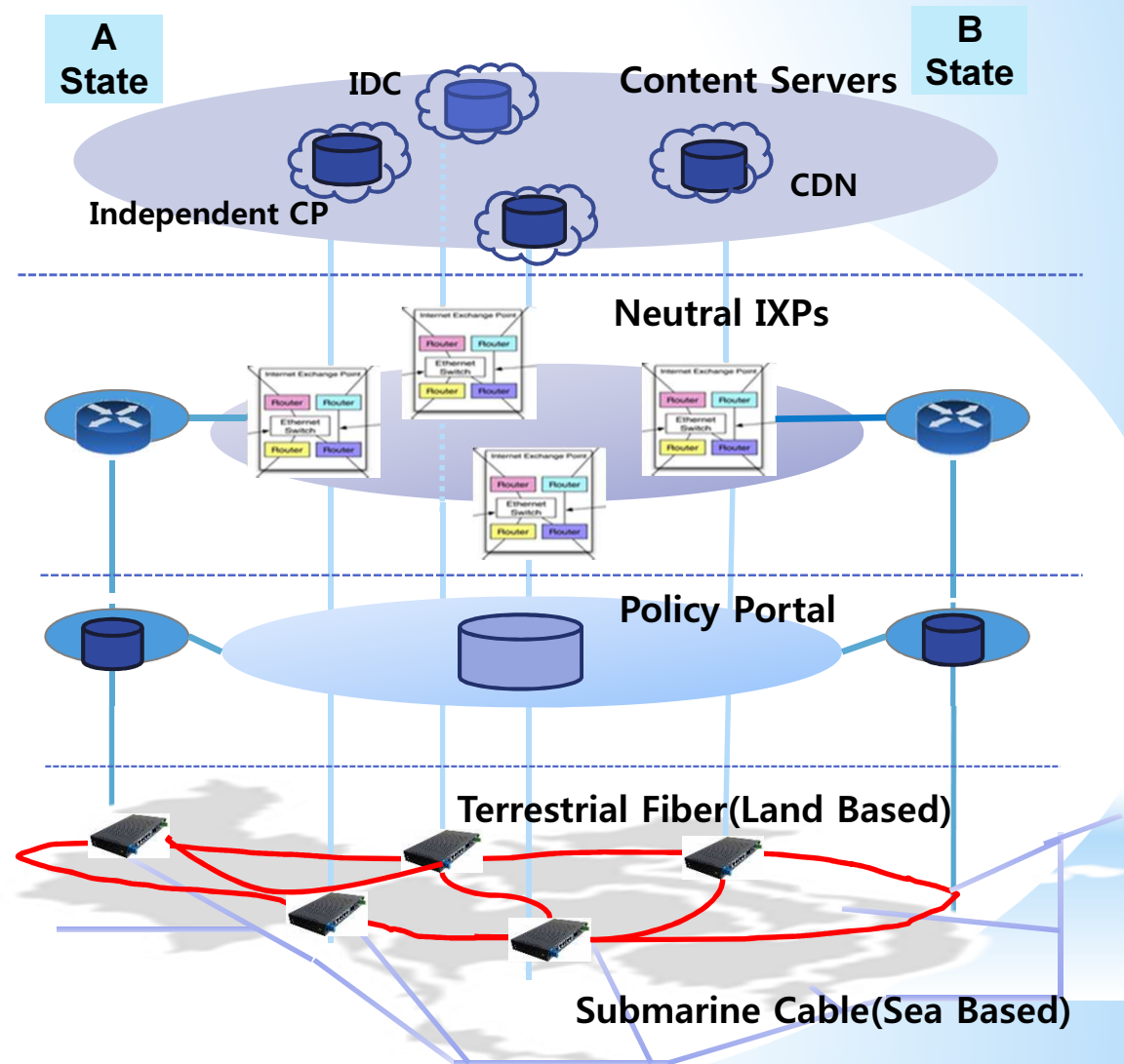
# Conceptual Image of APIS

Contents and  
Delivery Service

Open/Neutral IXPs  
(ITEC)

Policy and  
Regulation Registry

Broadband  
Backbone Network  
(TBBC + Submarine)



[https://www.yunbaogao.cn/report/index/report?reportId=5\\_3448](https://www.yunbaogao.cn/report/index/report?reportId=5_3448)

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## Potential Focal Area

