

Edge Cache Deployment Towards The Edge

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About Malaysia

Area 329,847 sq km

country comparison to

the world: 67.

Population 29,179,952

(July 2012 est.) country comparison to

the world: 43

Telephone lines 4.57mil

(2010)

Mobile lines 34.456 mil

(2010)

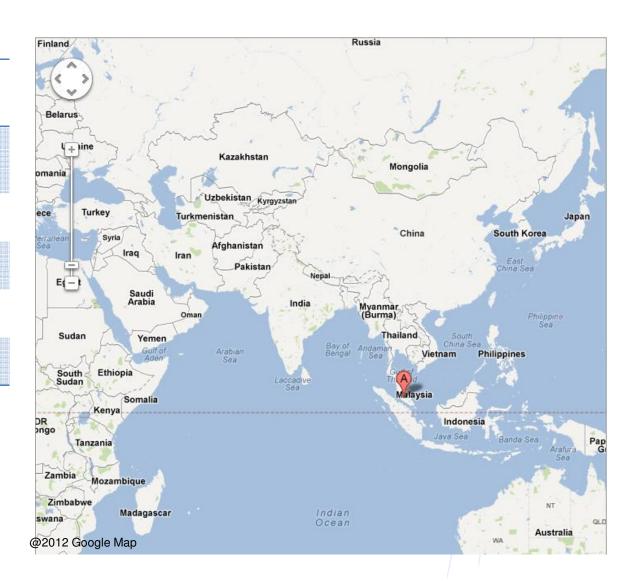
Internet users 15.355 mil

(2009)

Penetration rate 63%

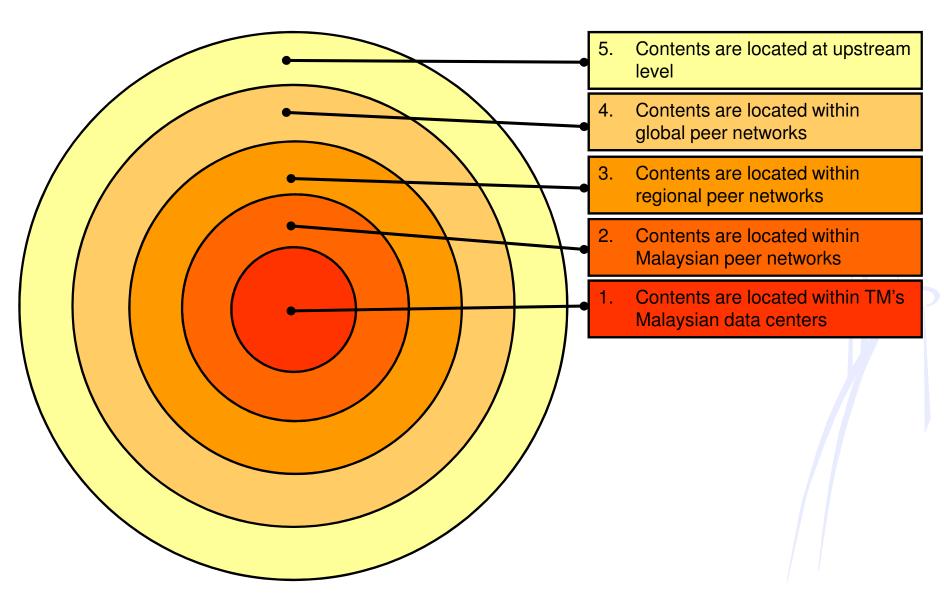
(2011)

Source: CIA Factbook, MCMC



Getting the contents nearer to the end-users **TM**











- 5. Contents are located at upstream level
- 4. Contents are located within global peer networks
- 3. Contents are located within regional peer networks
- 2. Contents are located within Malaysian peer networks
- Contents are located within TM's Malaysian data centers
- To continue with the effort to bringing in more content providers to Malaysia to serve not only Malaysia but also the region connecting via submarine cable and border

Bringing contents closer to eyeballs

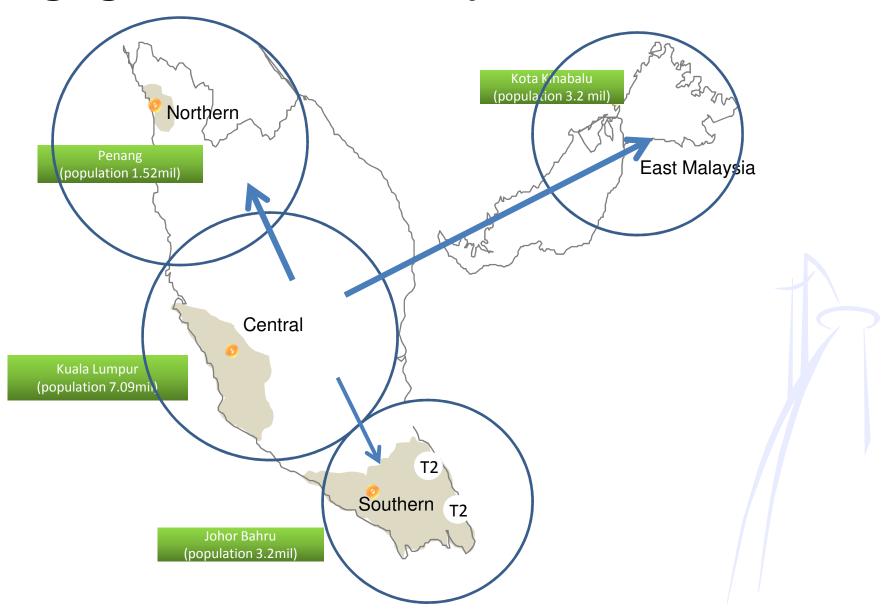


- In 2006 only 5% content is local. 95% traffic through Asia Pacific peering and upstream in USA and Europe.
- TM deploys edge cache distribution in the network and traffic increase almost double every year.



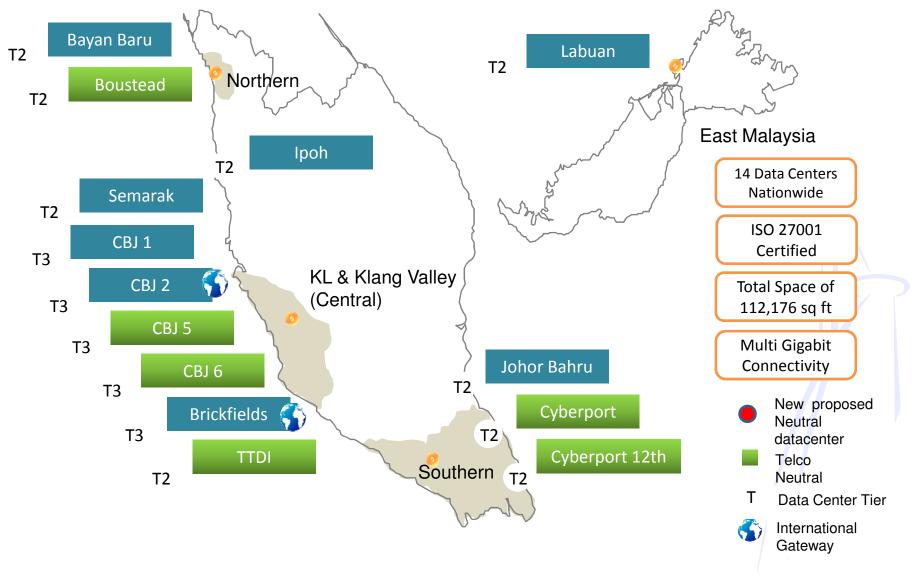
Bringing contents closer to eyeballs - next





Bringing contents closer to eyeballs - next





Conclusion



- Edge cache distribution provide much better internet experience to the user
- There is always room of further improvement
- Less cost to build transport infrastructure to deliver the content



Thank you

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