

永遠走在最前面  
Always Ahead

# Xuite IPv6 建置經驗分享

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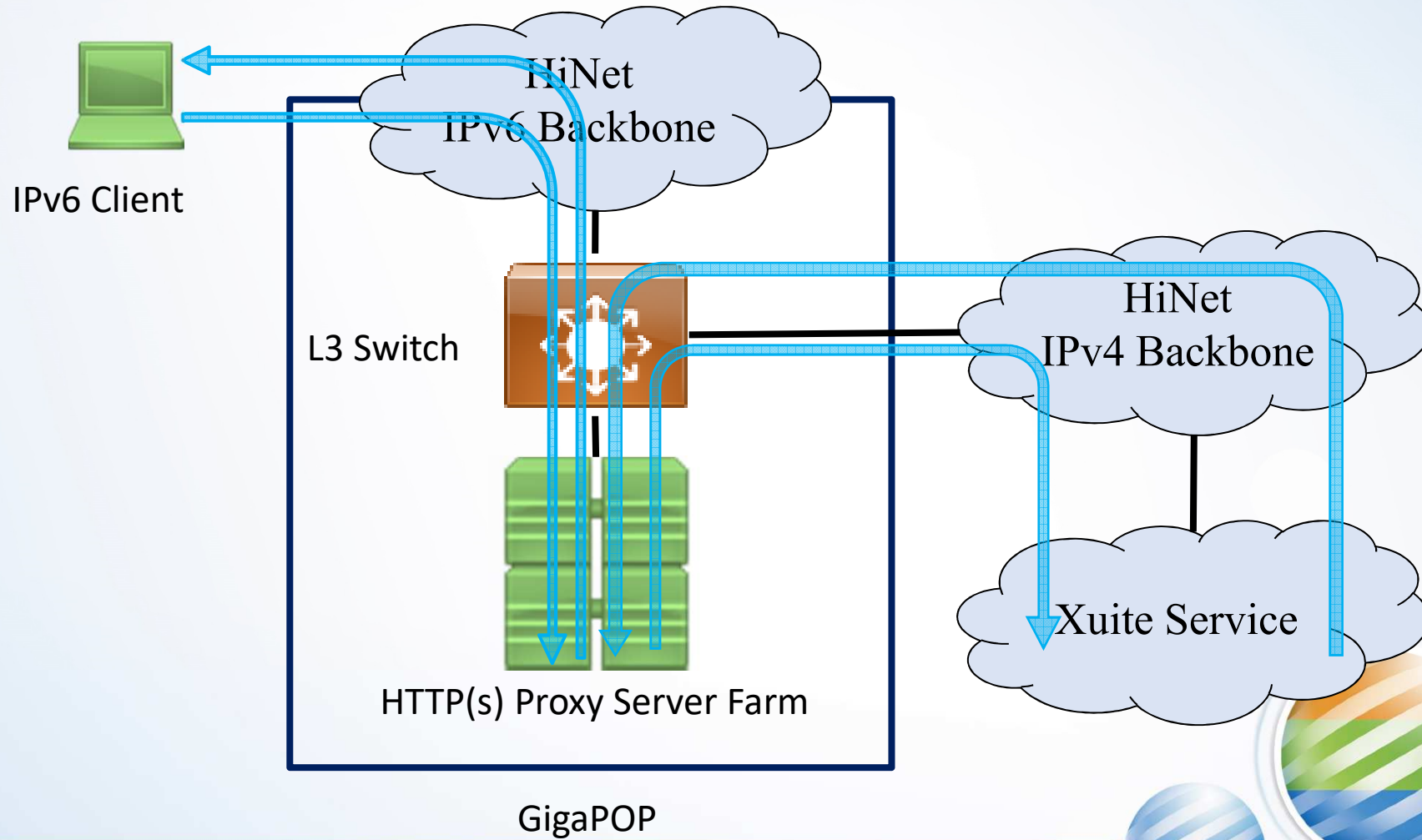


中華電信  
Chungwa Telecom

# Xuite IPv6 History

- 096/09/14：HiNet IPv6 推動小組會議決議
- 096/11/30：完成第一階段 IPv6 建設
- 101/08/08：網路設備 Dual Stack 建置完成
- 103/12/31：所有服務 Dual Stack 上線

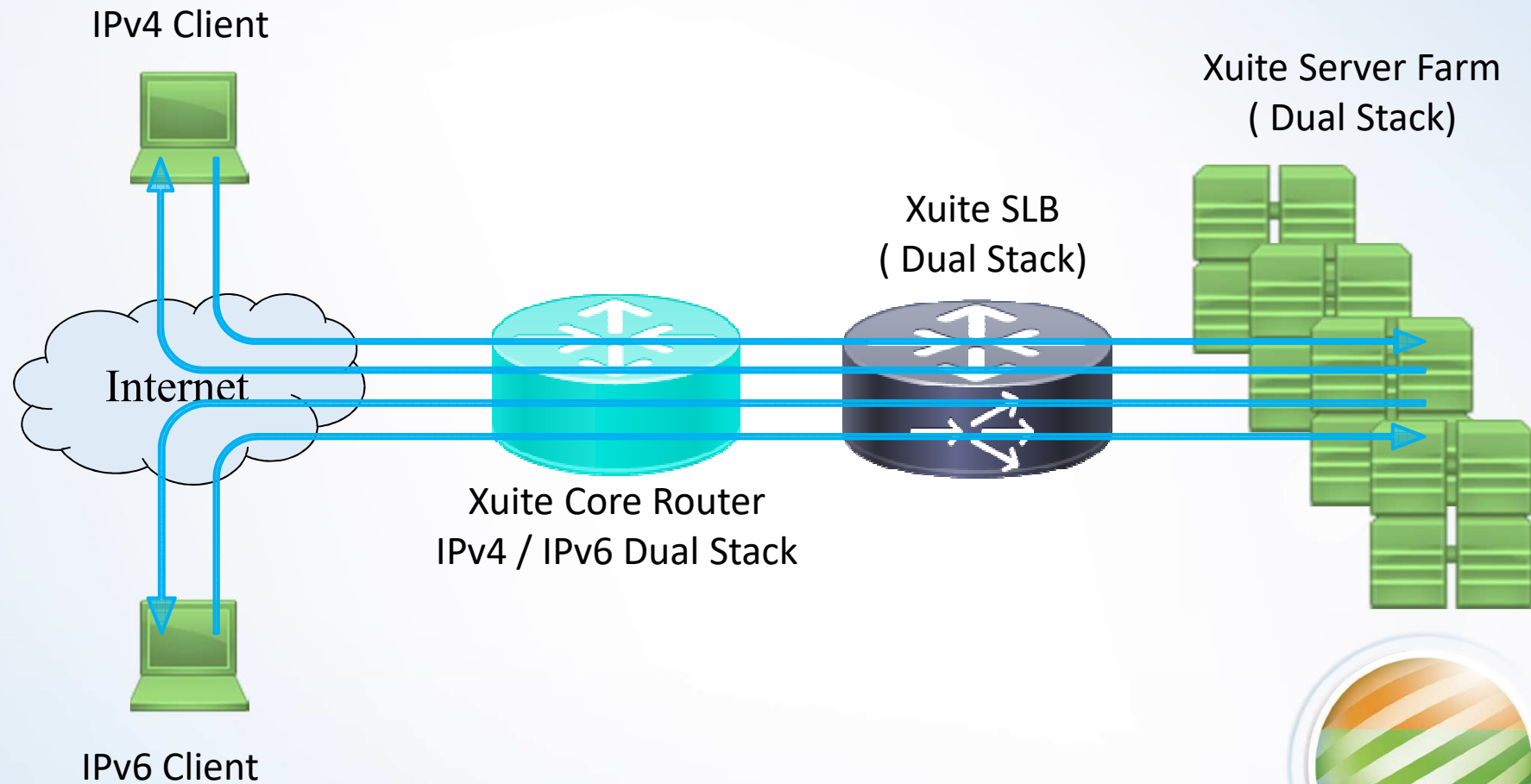
# Proxy Mode



# Disadvantage of Proxy Mode

- Cost 、 Cost 、 Cost !
  - Traffic Bottle neck
- Service Quality
  - Health Check
  - Cache Miss / Hit
  - Latency
  - Broken link / picture
- MTU
- 長官的期待 ...

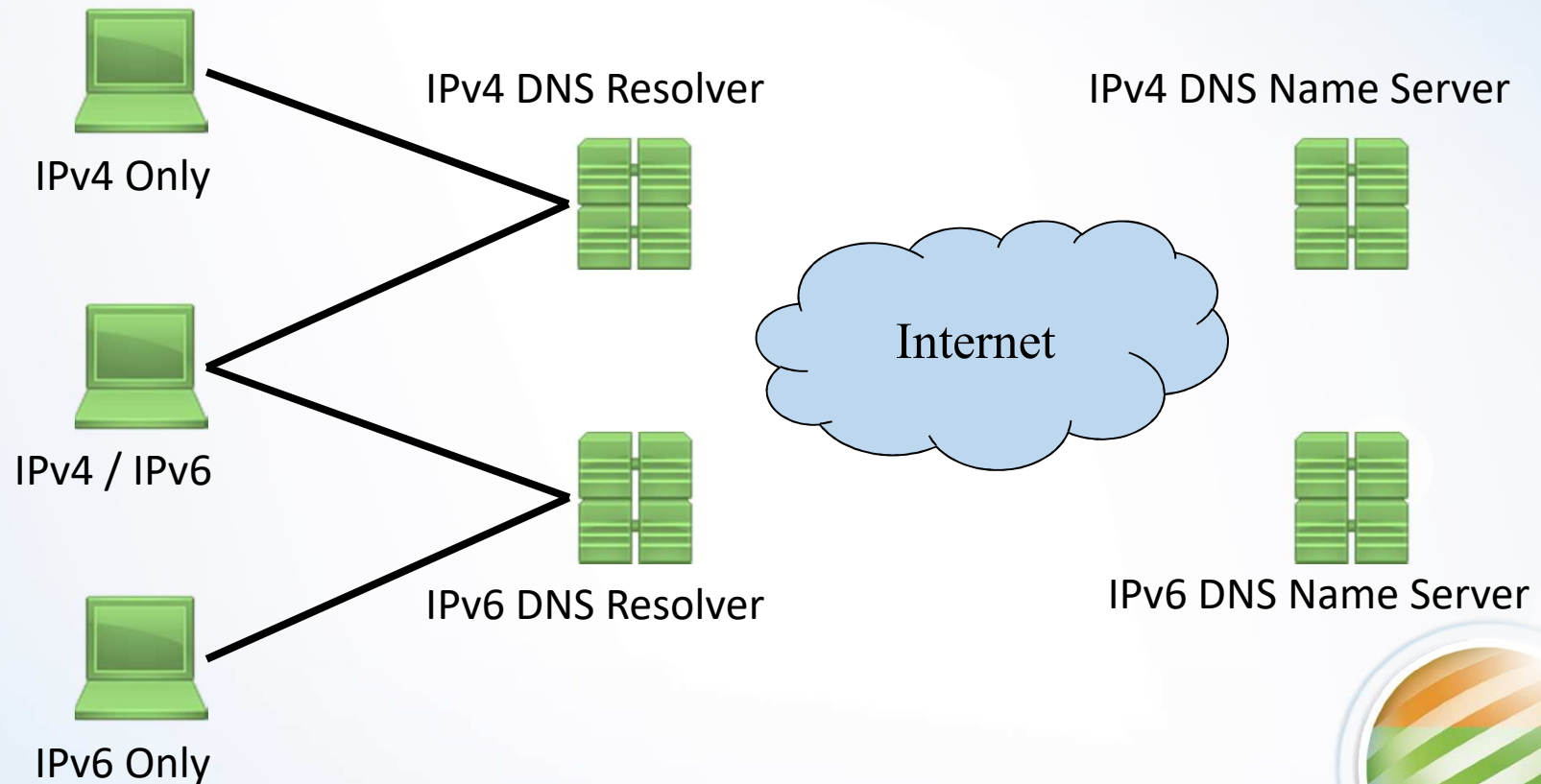
# Dual Stack



# Issues of Dual Stack

- Is any software / code ipv6 ready?
- Networking
  - Dual Stack or not ?
  - Troubleshooting
  - IPv6 Address Management
  - Security / NAT
- SLB
  - 6-6-4 ( proxy mode ) or 6-6-6 ?
  - HTTPs ?

# DNS Issue



Any question?

Thank you !

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