

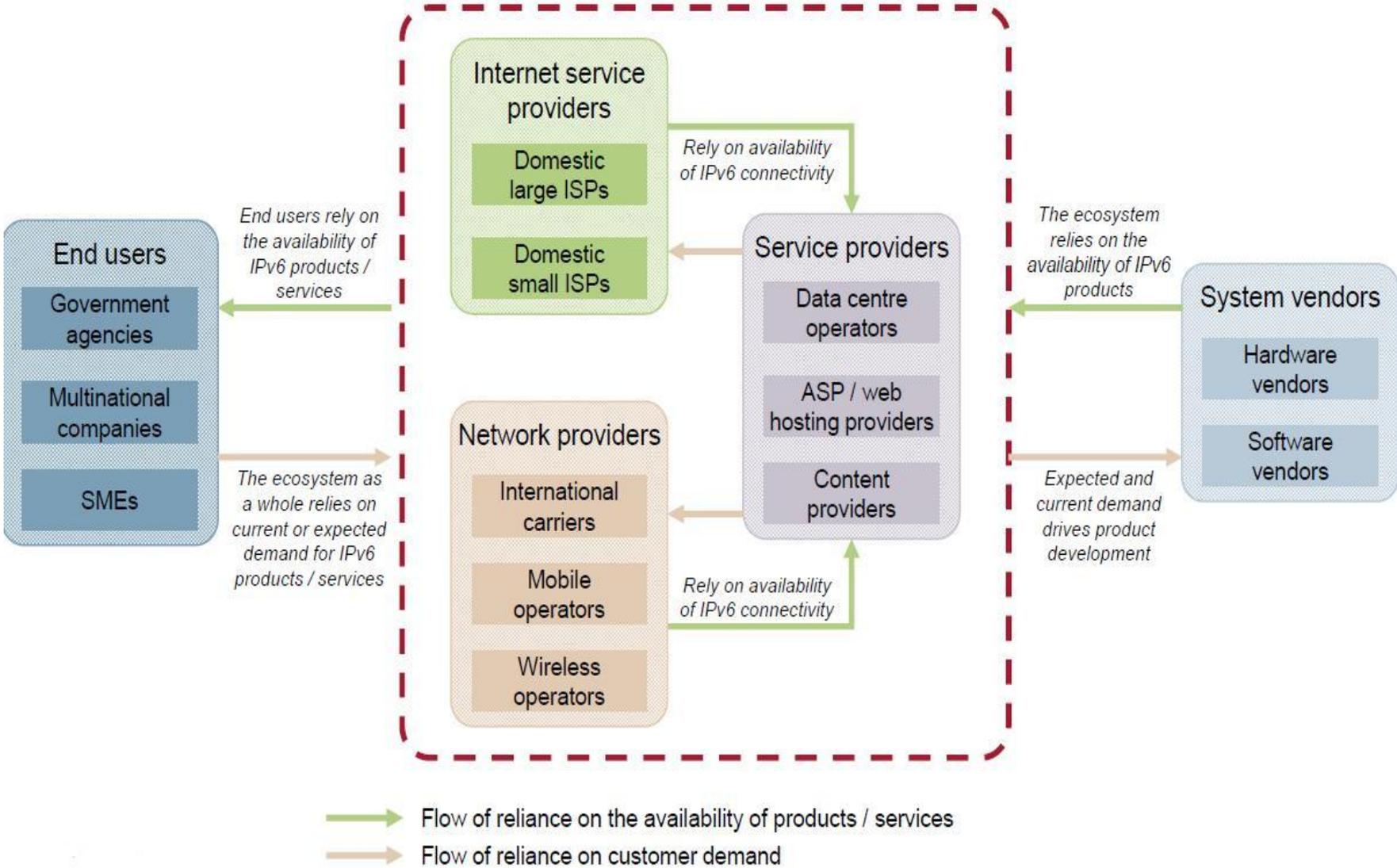


IPv6 Transition Programme for Singapore

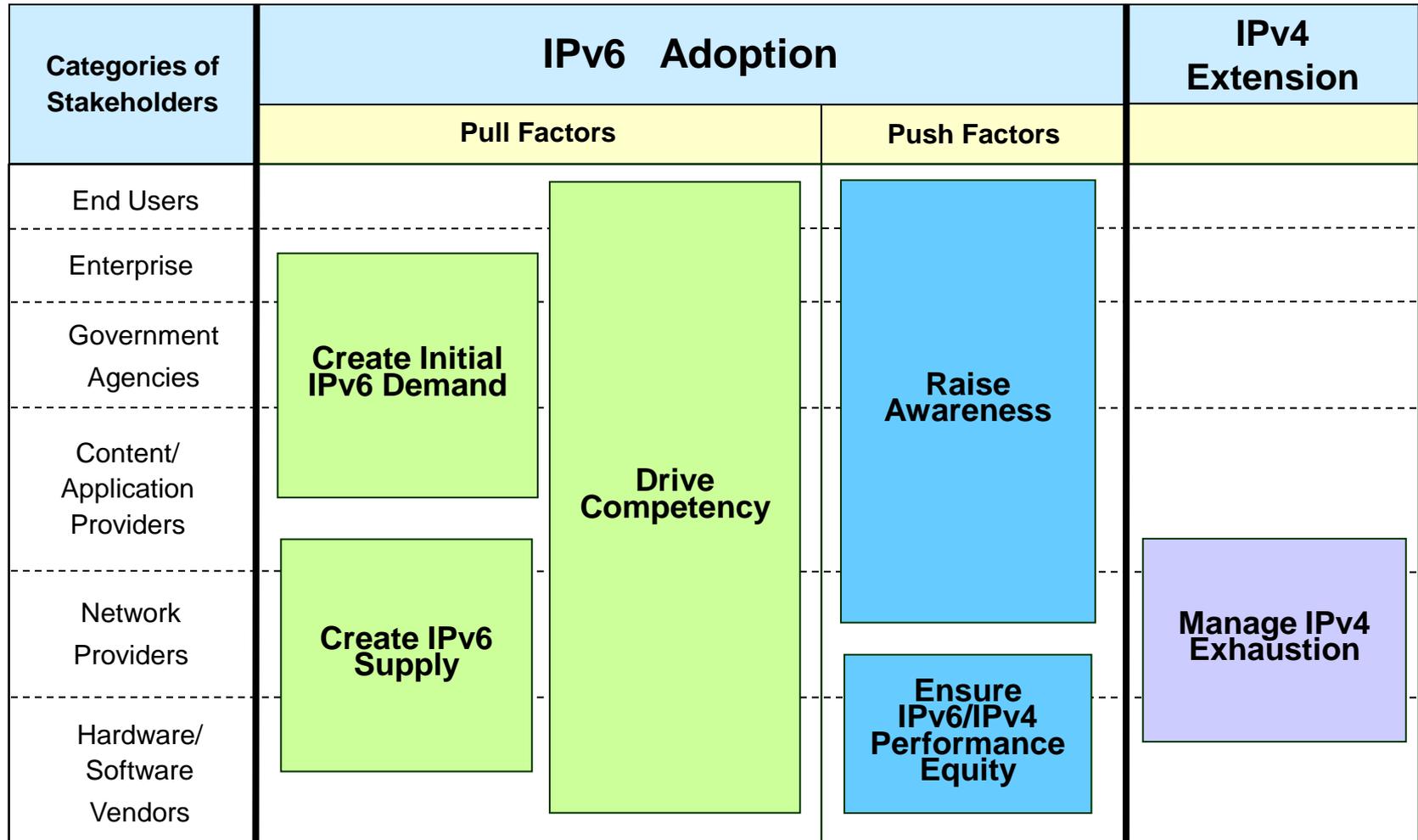
**Presented by Shraavan Kumar Chargonda
IDA**

29 Feb 2012

IP ecosystem – Summary of IPv6 dependencies



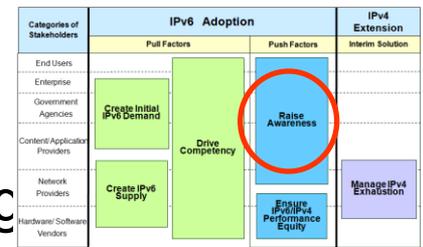
IPv6 Transition Programme



Raise Awareness

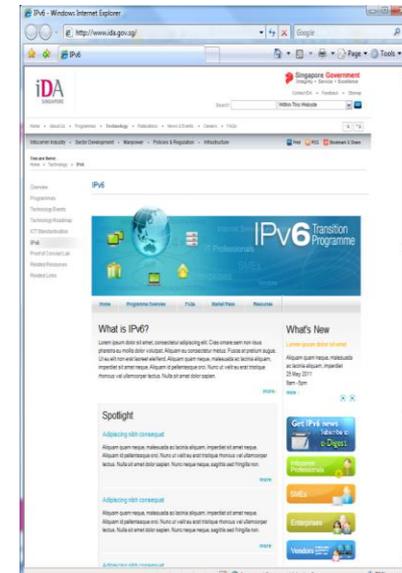
Provided a trusted communication platform by hosting IPv6 briefing sessions

- Hosted 3 Executive briefings and 1 Technical conference



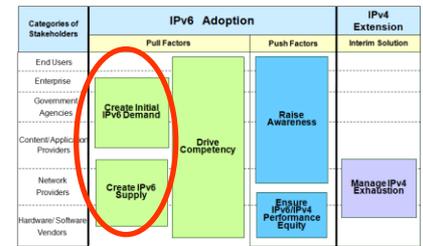
Launched a one-stop information portal on IPv6 related information and services

- Micro-site (www.ida.gov.sg/ipv6)
 - Transition Programme details, IPv6 updates in Singapore, FAQs for various user groups, repository for technical information, etc
- IPv6 Market Place
 - Catalogue of IPv6 bundled solutions to meet customers end-to-end requirements



Engage with local industry players (Content providers, Financial Institutions, etc) to educate and understand their migration plans

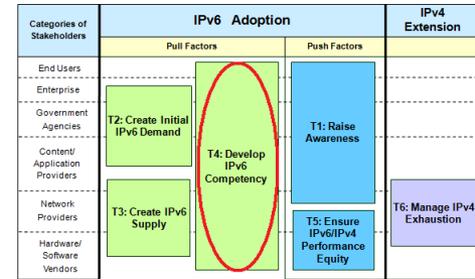
Create Initial IPv6 Demand & Supply



Create initial impetus to spur the demand for IPv6 services

- Leveraged Singapore Government programmes to create demand
 - Next Generation Network Broadband Network (NGNBN);
 - Singapore Internet Exchange (SG-IX);
- Leveraging Singapore Government e-Services
 - work towards enabling Government e-Services with IPv6 by 2012
 - procurement of government IT systems going forward will be guided by this goal
- All IDA Industry development initiatives to include IPv6 requirements, as deemed appropriate
- Support a selected number of local significant websites in their adoption of IPv6

IPv6 Competency



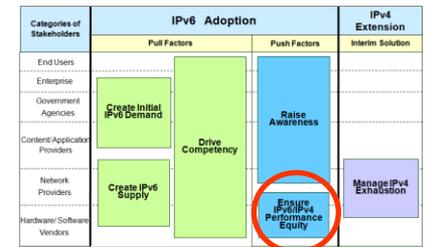
National Infocomm Competency Framework (“NICF”)

- Incorporate IPv6 requirements into NICF
- Leverage on current manpower development infrastructure – CITREP etc

Develop a local pool of IPv6 competent workforce to support widespread adoption of IPv6

- Appointed training provider to provide IPv6 courses to drive IPv6 certified professionals
- Work with local iHLs (Universities, Polytechnics and ITEs, etc) to train student workforce and incorporate IPv6 course content into iHL curriculum
- Conduct IPv6 Competition to drive interest

IPv6 / IPv4 Performance Equity



- National Internet Measurement Infrastructure for IPv6 & IPv4
 - Test IPv6 connectivity under different scenarios
 - Measure and benchmark IPv6 performance against IPv4 performance

World IPv6 Launch Day

- > No more a Test Flight, **this time it's for real**
- > **Represents a major milestone** in the global deployment of IPv6
- > **Brings existing transition efforts and industry players together**
- > More than **500+ Website Operators** worldwide already registered to participate...



**Encouraging the local industry players to take part in
the World IPv6 Launch Day**

Source: <http://www.worldipv6launch.org/>

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Thank You!