



Enhancing IPv4 Apps with IPv6

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Common Misconceptions on v6

- IPv4 & IPv6 are incompatible protocols
- The network must be upgraded for v6
- There is no business case for IPv6

What v6 Offers v4

- Intelligent overlay to existing v4 networks
 - IPv4 can be an efficient transport network for IPv6
 - Functions such as load balancing can be replaced with routing
- Greatly improved mobility & security
 - IPsec built into IPv6 protocol
 - Mobility integrated into IPv6
- Reduction in server & switch costs
 - Distributed processing model

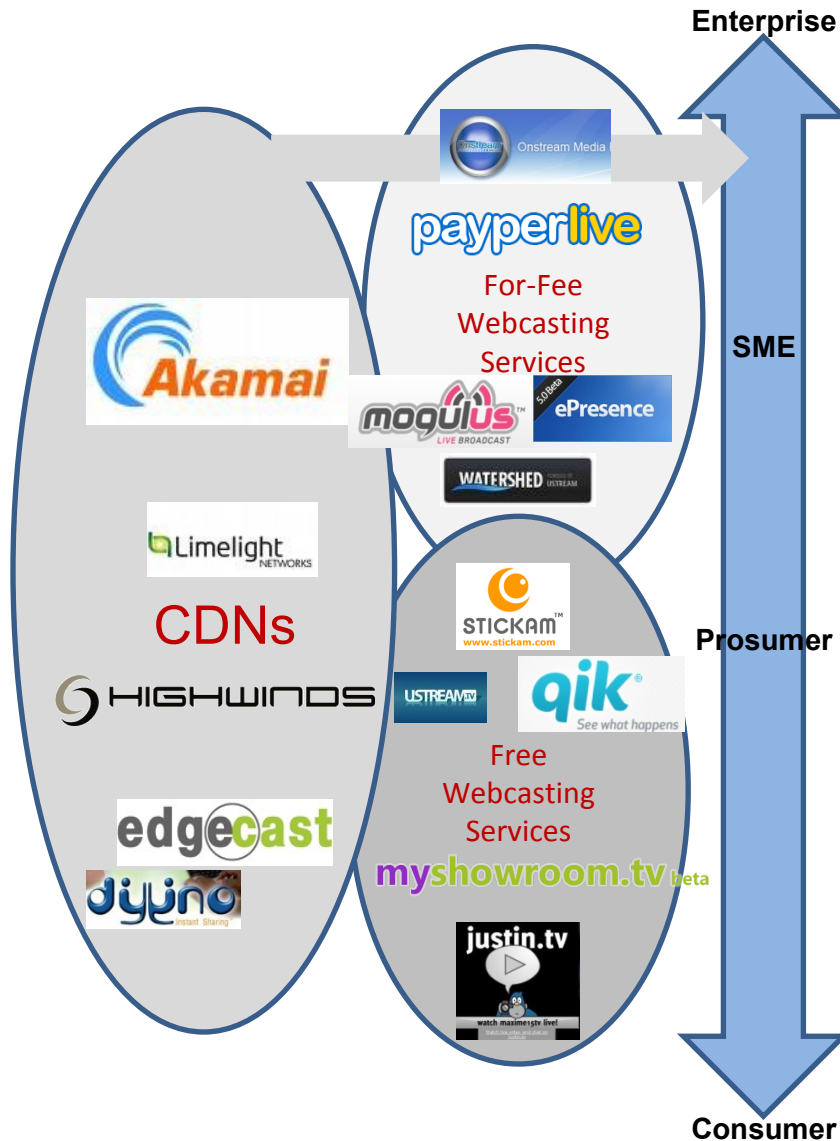
Practical examples

- Mobile VPN
 - End-to-end VPN replaces traditional gateway
 - User benefit always-on applications
 - Business case improved productivity

- Grid computing
 - IPv6 enables addressable server anywhere in the globe
 - User benefit faster processing
 - Business case lowered cost

- Video broadcast
 - Server-less video broadcast
 - User benefit self publishing
 - Business case income

Web-casting Drill Down



Feature rich but expensive

Free but highly restricted

Concept: Feature rich personal video

Controllable micro-casting service to users wishing to reach small audiences


External View

- Multi-media
 - Video, audio, chat, images, documents
- Easy to set up as twitter
 - Personal URL simplifies sharing
- Completely customizable
- Password protected page
 - End-to-end privacy option
- Built-in monetization functions
- Integrated capture & playback

- Church services
- Family events
- Expertise sharing
- Famous personality promotion



Financial Update



Bob Hi there
Sue quick question
Bob whose the guy speaking

Power Point

1

2

3

4

Email Personal URL www.vidder.com/Dr.Yoku

Free Password ON / OFF sadsasd23452345

Search Attributes Money, Japan

Capture START/STOP NAME

Pro

File Length 18 / 60 Min BUY \$\$

Current Viewers 5 / 10

BUY \$\$

Publish File 1 / 1

BUY \$\$

Pay per view

Pay per view ON / OFF \$\$\$ Availability

Revenue


\$345


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Pay Per View

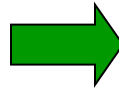
Pay Per View Live

 **Financial Update**




Bob This is great
Sue I wish you were this smart
Bob what
Sue

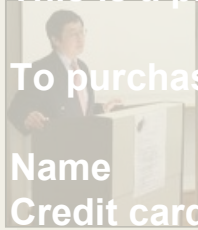
What



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 Bob Hi there
Sue quick question
To purchase please enter

Name

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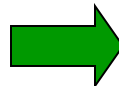
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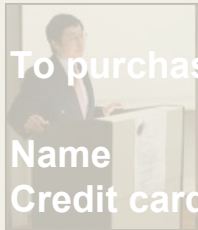
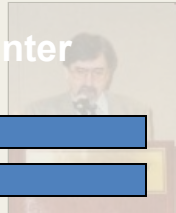


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Closing thoughts

- Leverage IPv6's unique strengths when developing applications
- Focus on current problems (don't worry about the future)
- Empower users!!!