

Taking the IPv6 Challenge Home

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for the IPv6 Working Group
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Recent Challenge

- Register on IPv6-only website at JT
 - Succeed for a t-shirt
 - At first encouraged many to enable IPv6 on laptops
 - Now most have IPv6 on by default
 - No longer a useful “challenge”

“IPv6-only Hour”

- Turn off IPv4 for some length of time
 - Depends on IPv6↔IPv4 translation
 - Used IVI for several JT with limited success
- Don't even try IPv6-only this time
 - Using NAT64/DNS64 on IPv6-only SSID (Jay Young to describe)

New Directions

- No strong consensus from WG meeting, but agreed on
 - Perhaps use approach based on Mark Prior's web page (http://www.mrp.net/IPv6_Survey.html): Test several services; green is good; red isn't
 - Revise and resubmit WG chairs' letter to NTAC (non-technical motivations for IPv6 directed at presidents, chancellors, etc)

Short-Term Goal

- Try another IPv6-only interval at Clemson JT (winter 2011)
 - Should be closer to being fully functional
 - MacOS X probably still a problem

Longer-Term Goal

- Target: Winter 2013 JT in Hawai'i
 - When IPv4 network is turned off, all attendees can access “relevant” resources at home institution
 - Onus is on home institution to make public-facing services, perhaps other services accessible via IPv6