NAT64 Testing

IETF100 Hackathon
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The Goal

- Test various applications on NAT64
  - Widely used applications
  - Based on previously reported bugs
- Testing/troubleshooting environment

	Meetecho	Jabber	Etherpad	Skype	Signal	Telegram	Spotify	Outlook	Dropbox	Air Display
MacOS		Adium								
iOS								TBT	TBT	
Android										
Windows		TBT		TBT	TBT			TBT		
Web based										

VPNs

- OpenVPN: OK
- Cisco corporate VPN: OK
- Some corporate VPNs have issues:
    - Not up-to-date versions
    - Not configured for v6 support
- Split tunnel considered harmful

Other Positive Results

- Telegram IM (ex. for web key generation)
- Appear.in

Other Issues Discovered

- Steam does not work
- Check your ssh configs for "host * family inet" ;)

Millions Other Things Yet to Test

- Other VPNs
- Millions of IMs
- Your favorite application

I WANT **YOU**
TO USE IPv6 *only*

— Vint Cerf