NETWORK SETUP

Matt Ryanczak
Network Operations Manager
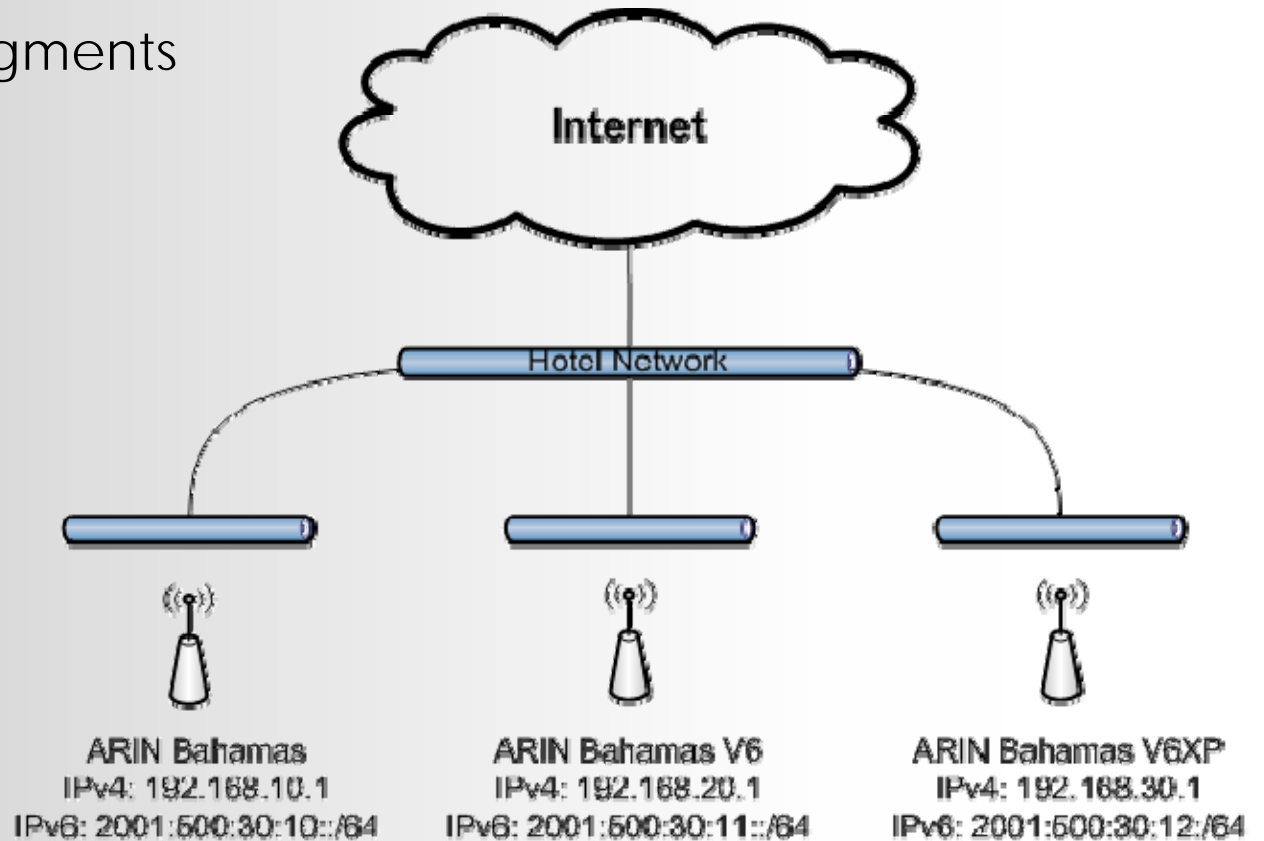
CARIBBEAN
SECTOR MEETING

ARIN

Bahamas Meeting Network

- 3 Network segments
- Dual Stack
- IPv6 Only
- Windows XP IPv6

Internet

Hotel Network

ARIN Bahamas
IPv4: 192.168.10.1
IPv6: 2001:500:30:10::/64

ARIN Bahamas V6
IPv4: 192.168.20.1
IPv6: 2001:500:30:11::/64

ARIN Bahamas V6XP
IPv4: 192.168.30.1
IPv6: 2001:500:30:12:/64

Primary Meeting Network

- SSID ARINBAHAMAS
- Dual Stack IPv4 / IPv6
- IPv4 is RFC 1918 and NATed
- IPv6 direct allocation 2001:500:30/48
- IPv6 tunneled using Linux (meeting side) and VPN
- ARIN IPv6 transit provided by OCCAID

IPv6 Only Network

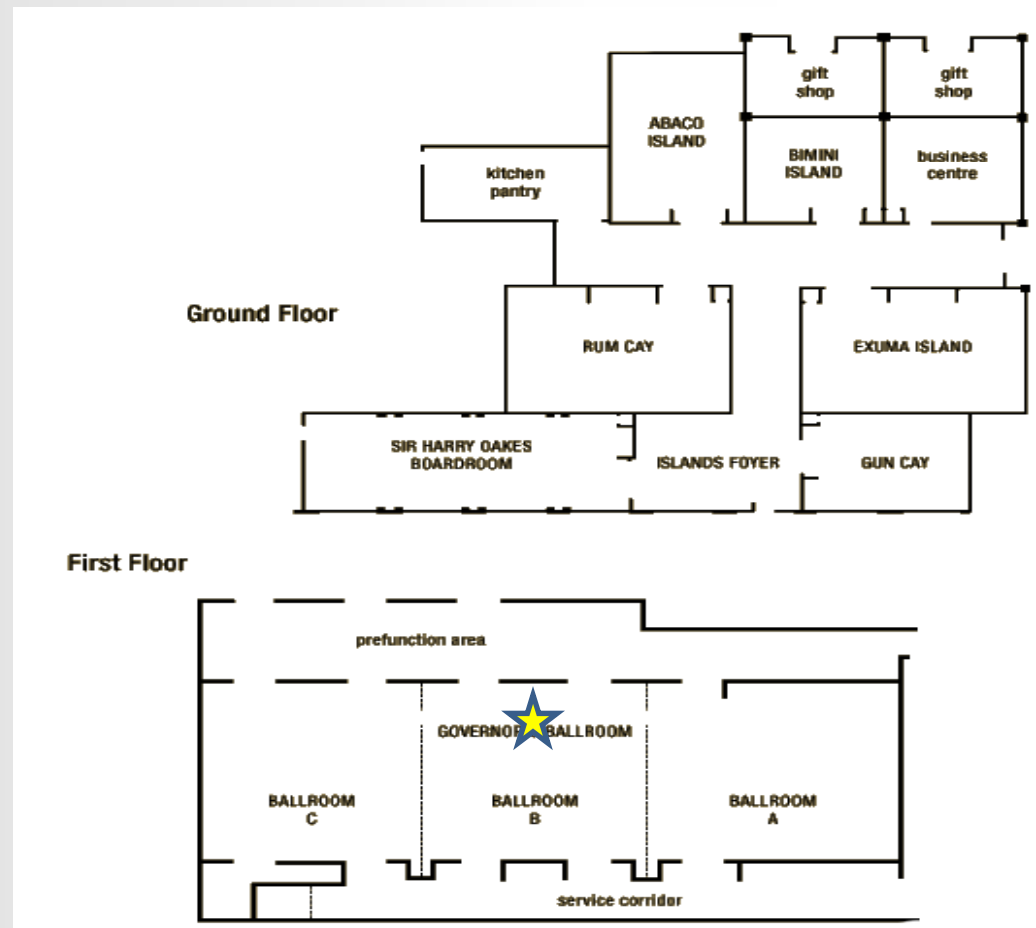- SSID: ARINBAHAMAS-V6
- IPv6 Tunneled
- NAT-PT, TOTD provide connectivity to IPv4 Internet
- DHCPv6 for resolver configuration on supported clients

Windows XP IPv6 Network

- SSID: ARINBAHAMAS-V6-XP

- Windows XP does not support DNS over IPv6

- DHCPv4 provides 1918 address and DNS server

- IPv4 is not routed

- NAT-PT, TOTD DNS provide connectivity to v4 Internet

Wireless Network

- 1 Access Point ⭐
- Multi-SSID
- Multi-VLAN

Ground Floor

gift shop

gift shop

ABACO ISLAND

BIMINI ISLAND

business centre

kitchen pantry

RUM CAY

EXUMA ISLAND

SIR HARRY OAKES BOARDROOM

ISLANDS FOYER

GUN CAY

First Floor

prefunction area

GOVERNOR BALLROOM

BALLROOM C

BALLROOM B

BALLROOM A

service corridor

QUESTIONS?