

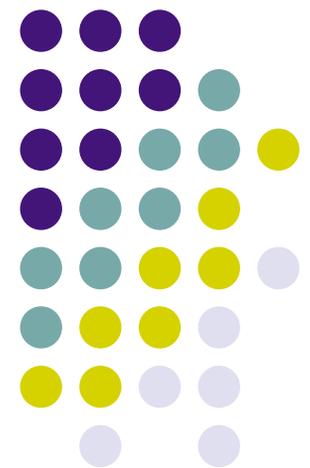
# Source Address Dependent Routing and Source Address Selection for IPv6 Hosts

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IETF 92

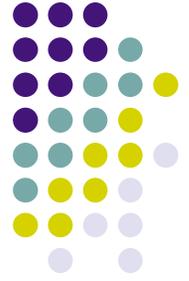
draft-sarikaya-6man-sadroverview-05  
draft-sarikaya-6man-next-hop-ra-04  
draft-sarikaya-dhc-6man-dhcpv6-sadr-00  
draft-sarikaya-6man-sadr-ra-00  
draft-pfister-6man-sadr-ra-00



# Source Address Dependent Routing



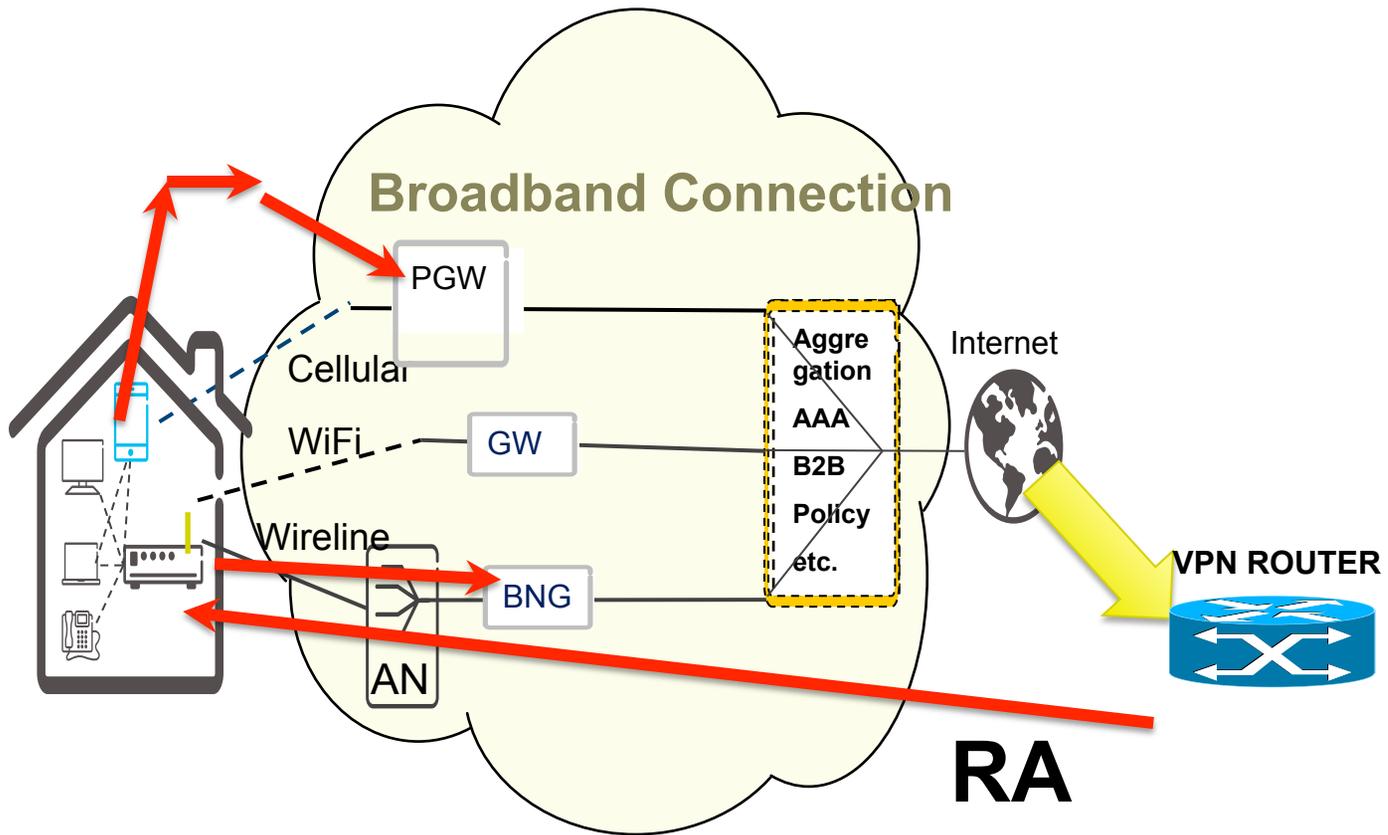
- Overview draft has been extensively discussed
- Main points from the discussions have been included in sadr-overdraft revisions
- Sadr-overdraft is ready to be adopted as WG draft

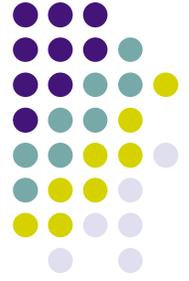


## Next Hop Issue

- All are host based. Host informed about the next hop routers and routes and source addresses they support
- A possible scenario is from VPN access

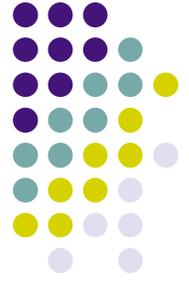
# Next hop RA with VPN Router





## Seeking for WG Consensus

- Is it OK to define single options, e.g. source prefix?
  - Or only one combined option be defined?
  - Regarding Source Prefix combined with Route Prefix option, if used, then what about RFC 4191 defined Prefix Information Option?
    - Should the router add PIO with Ignore flag?
- ➔ **This means at least two options**



## Seeking for WG Consensus

- Should we define next hop option in RA?
- Should these options be defined?
  - Next Hop Address
  - Next Hop Address and Route Prefix
  - Next Hop Address with Source Prefix and Route Prefix
- Should we define corresponding DHCP options for SADR and Next hop?