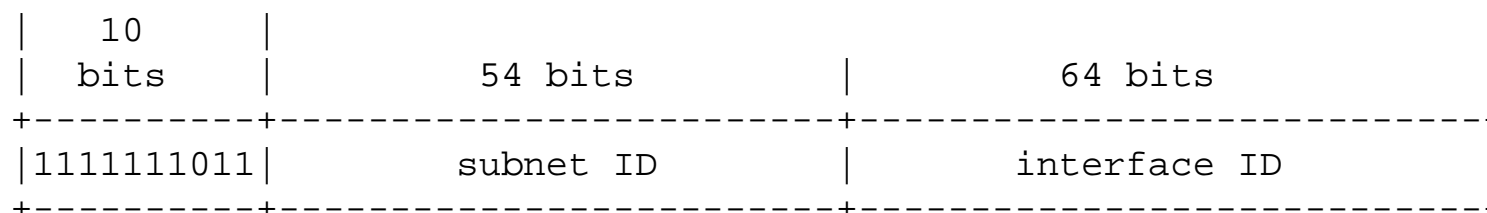


IPv6 Site-Local Usage

Bob Hinden / Nokia

SITE-LOCAL STATUS

- Address Architecture defines format:



- Address Selection defines selection rules
- Work Ongoing on
 - Node Requirements
 - Scoped Address Architecture

ISSUES IN SEVERAL AREAS

- Site Border Router
- Multi-Site Routers
 - Site-Local in Routing Protocols?
- Multi-Site Hosts
- DNS
- Applications

CHOICES FOR IPv6 W.G.

- Remove Site-Local
- Limited Usage
 - Only used in disconnected sites
 - No Multi-Site Nodes, DNS, etc.
- Moderate Usage
 - Simple Site-Border Router
 - No Multi-Site Host or Router Requirement
 - Two-Faces/Split DNS
- Full Usage
 - Require all nodes to be multi-site
 - Routing Protocols aware of site boundaries
 - Multi-Site DNS

WHAT SHOULD THE W.G. DO?

- Lets try hard to get a consensus around how to proceed.
- This is a controversial issue
 - Not everyone will be happy
- Find a way to move forward

OTHER TALKS

WHAT NEXT ?

CHOICES FOR IPv6 W.G.

- My division:
 - Limited Usage
 - Moderate Usage
 - Full Usage
- Other Divisions?

DISCUSSION

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