

CA304
Computer Networks 2

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Contents

1 Addressing Model

- Addresses are assigned to *interfaces*
- interfaces are expected to have multiple addresses
 - this is a large departure from IPv4
- Link Local
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- Unique Local
 - Not routed
 - internally or externally (localhost)
- Global
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- Special addresses
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2 Broadcasting

- Unicast
 - Address of a single interface
 - One-to-One delivery to a single interface
- Multicast
 - Address of a set of interfaces
 - One-to-Many delivery to all interfaces in the set
- anycast
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3 Structure of an address

- 48 bits are for the provider (ISP)
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