IP Mobility Support with Double-IP Headers (IP^2)

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IP Mobility on IETF Draft

Feature of Basic IP Mobility Support

- Agent Discovery → Protocol based on location beacons
- Registration → Report to Home Agent

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Technical Issues for Redundant Routing Paths

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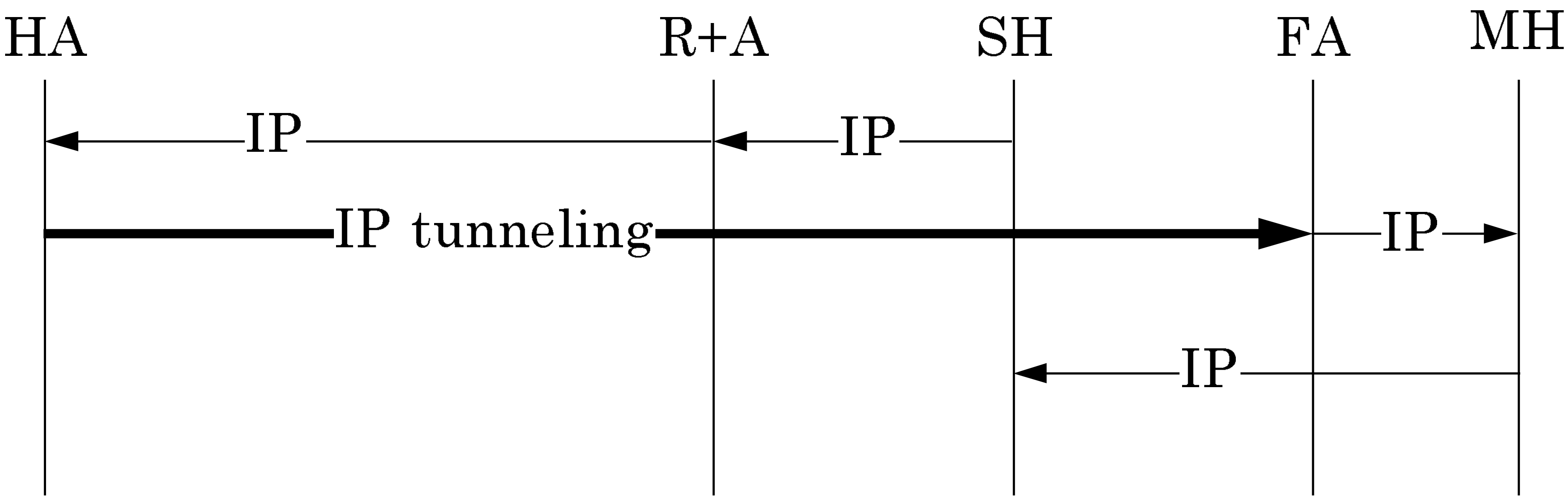
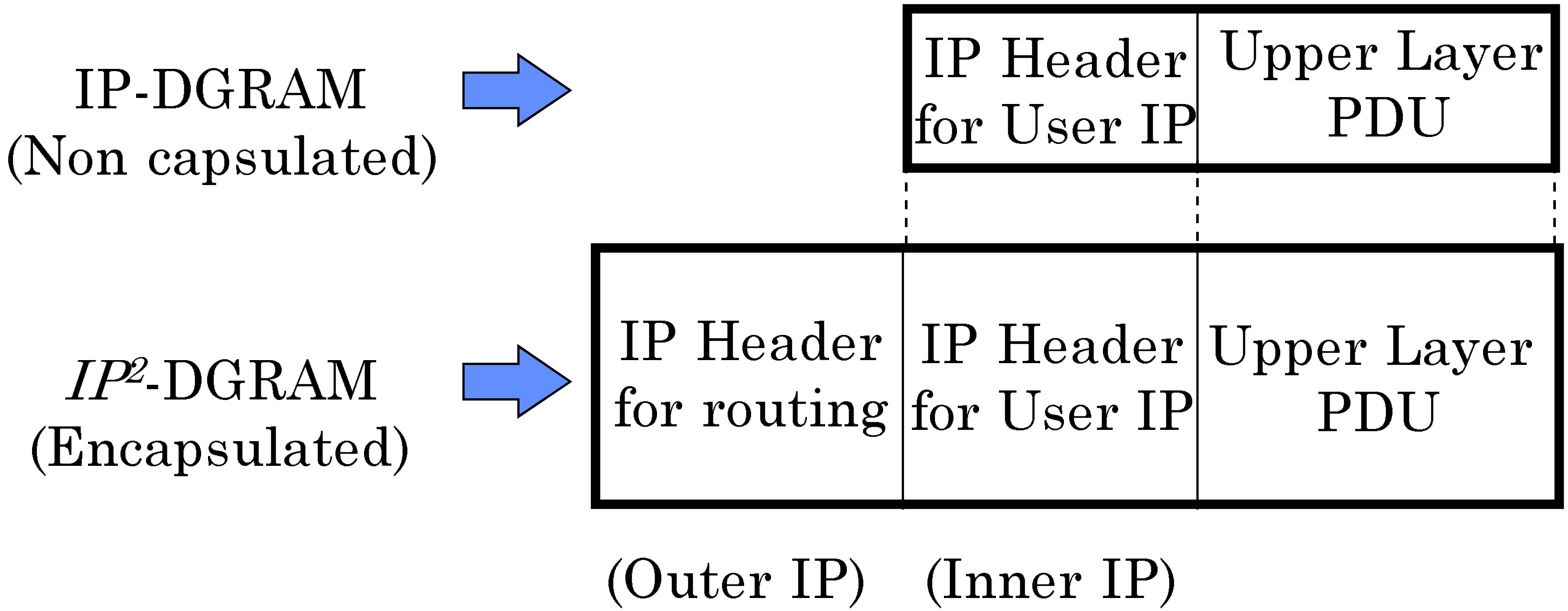
Routing Optimization Options (IETF draft)

Routing between SH and MH

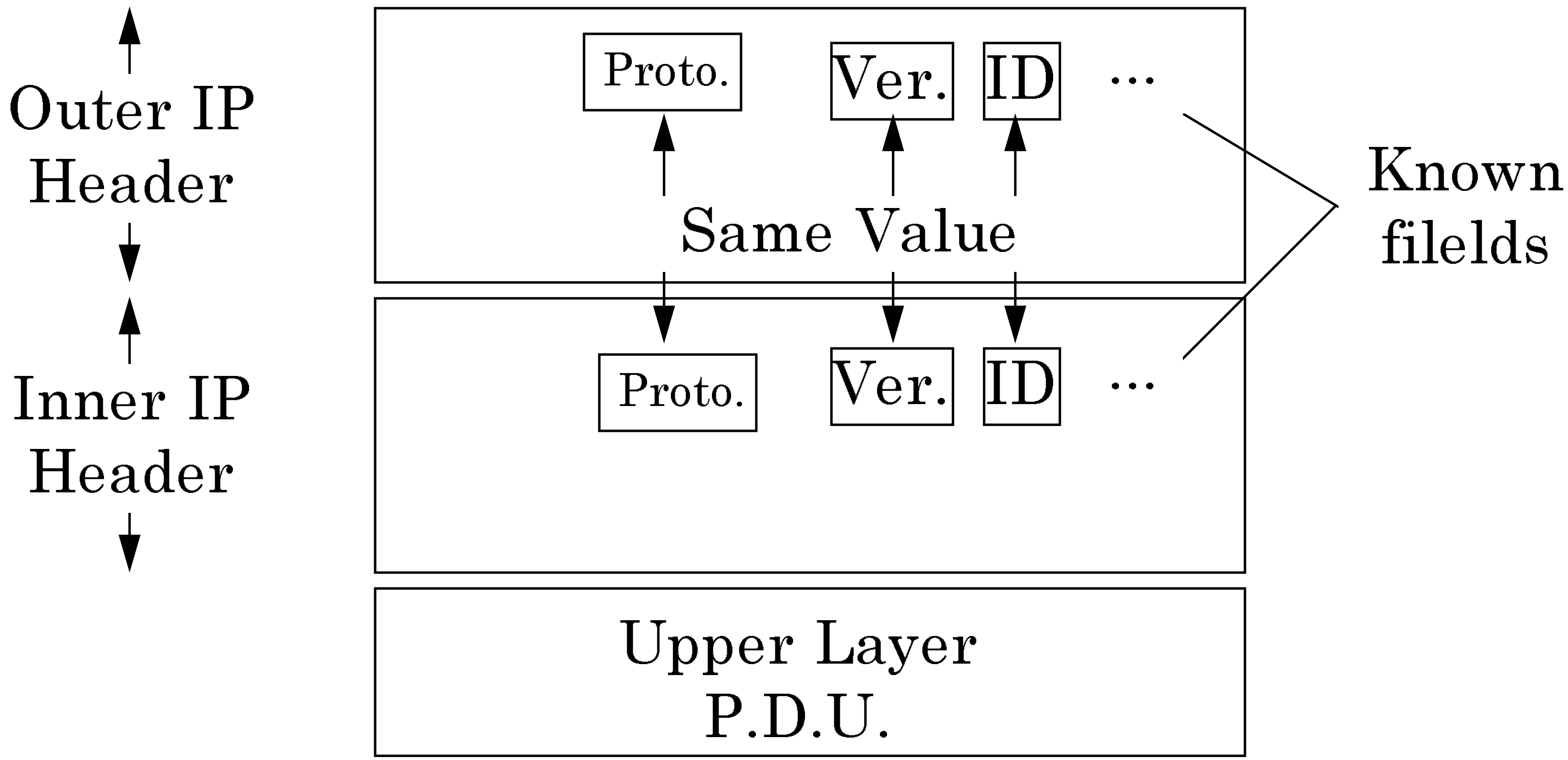


IP^2 Datagram

IP-Concatenation instead of IP-Tunneling

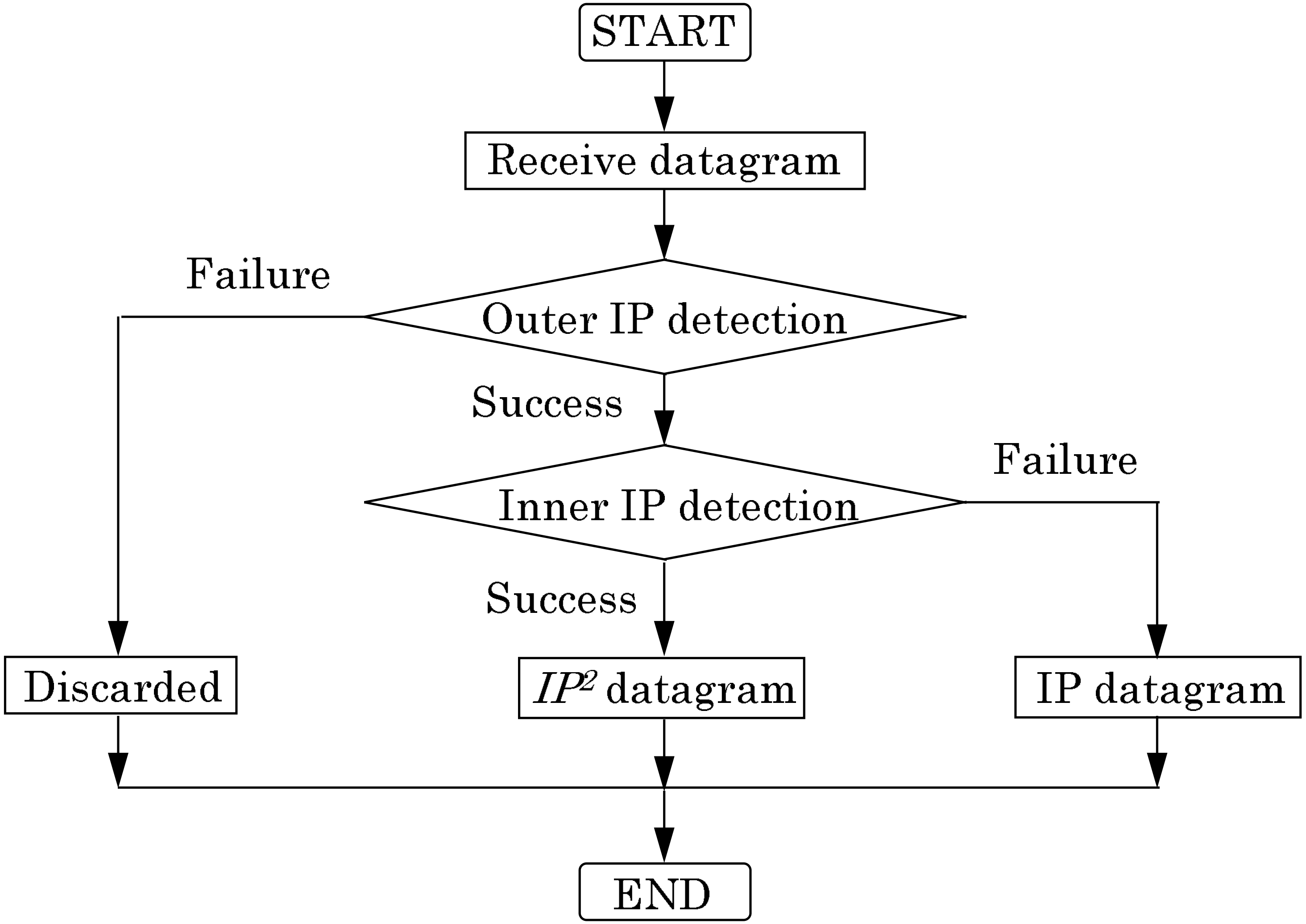


Structure of *IP²* datagram

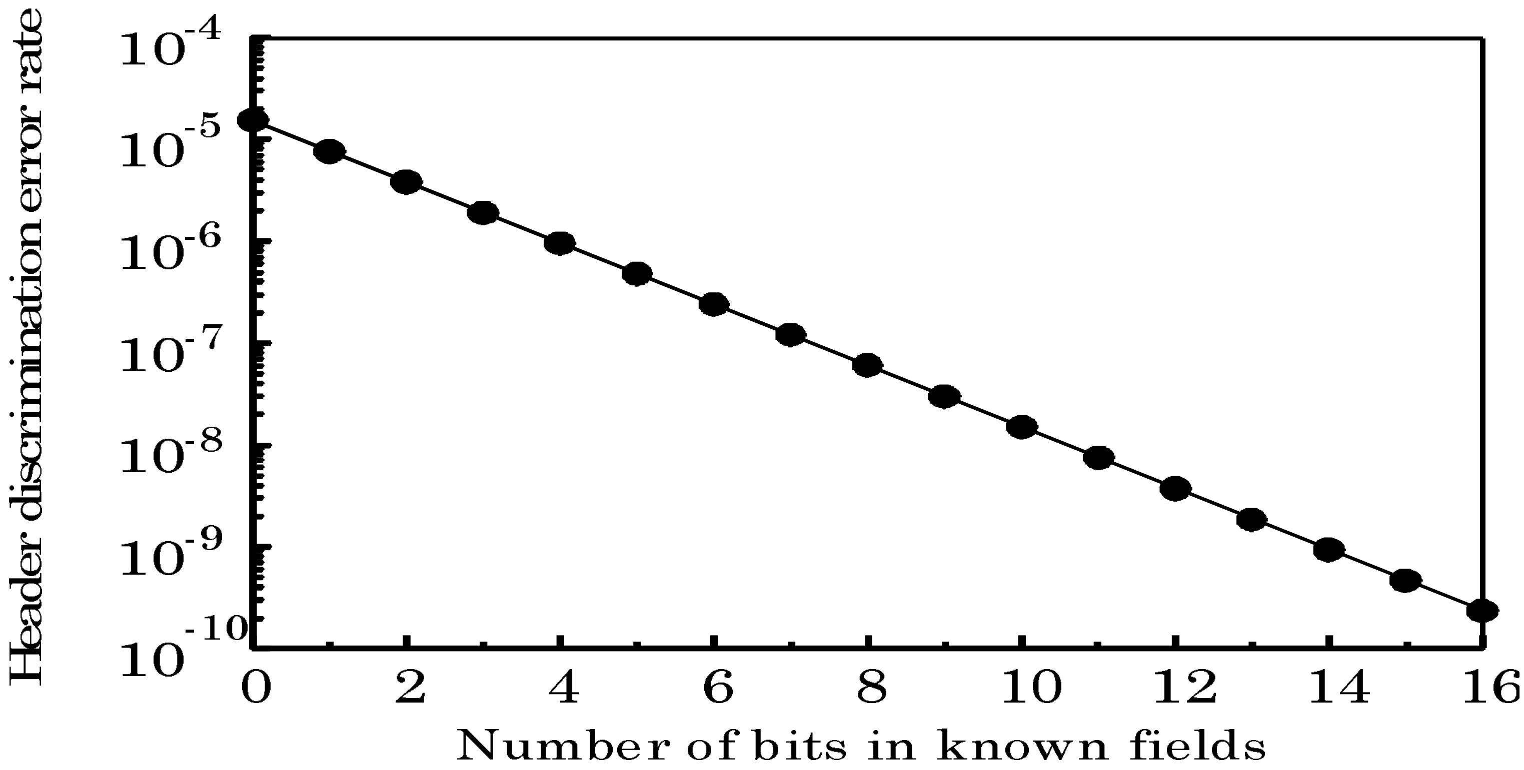


How to discriminate *IP²* and IP datagrams?

Datagam Discrimination Algorithm



DGRAM Discrimination Error Rate



- *Enough Separation*
- *No Error Propagation*

Routing Optimization in IP^2