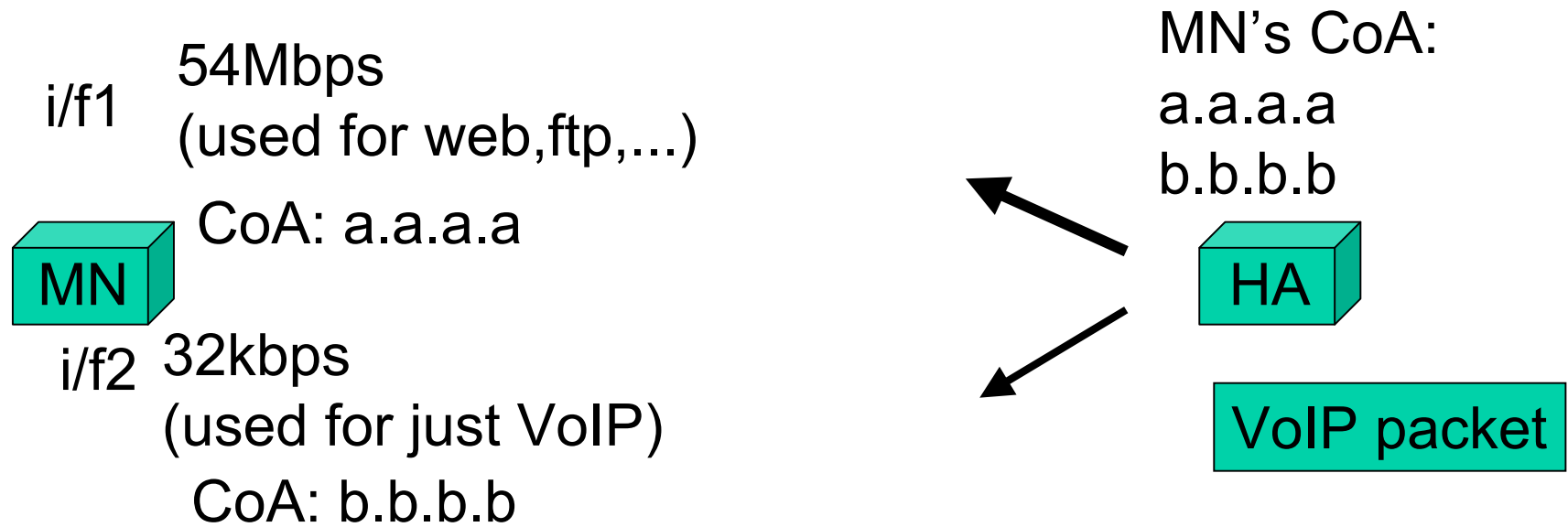


Binding Identifier Extension for Mobile IPv4 <draft-ogashiwa-mip4-bid-extension-00.txt>

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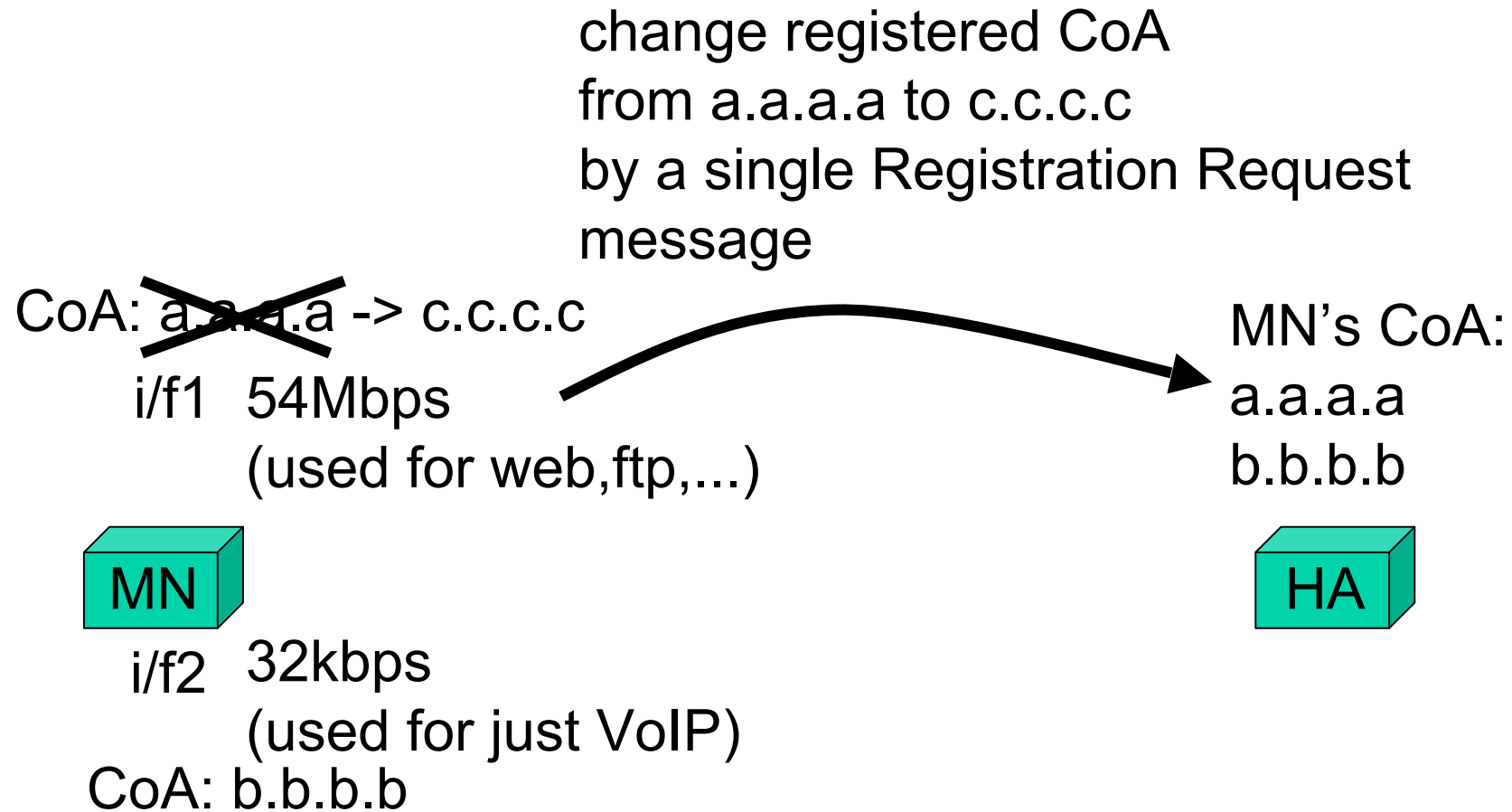
Motivation1

- Assumption
 - HA doesn't do bi-casting but split downstream traffic.
- HA should know bindings of CoA and MN's network interface to forward packets to the appropriate MN's network interface.

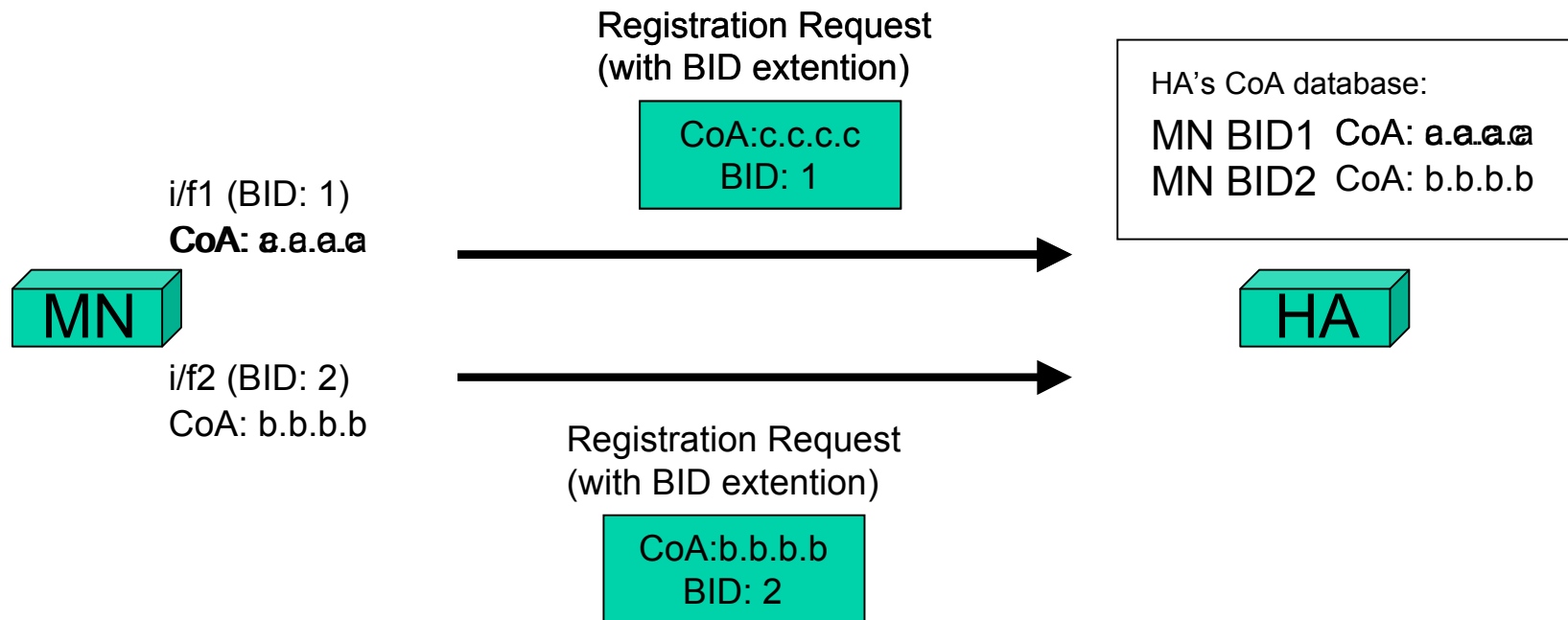


Should this packet be sent to a.a.a.a or b.b.b.b???

- change registered CoA by a single Registration Request message.



Home Agent and Mobile Node's behavior



- No changes is requiered for deployed implementations and current MIP4 basic specification.
- Home Agent and Mobile Node that doesn't support the Multiple Care-of Address Extension MAY silently discard messages which include the Multiple Care-of Address Extension
- or alternatively, Home Agent MAY return error code 128 ("reason unspecified") defined in MIP4 specification [RFC3344].

Next step



- Accept as WG draft?