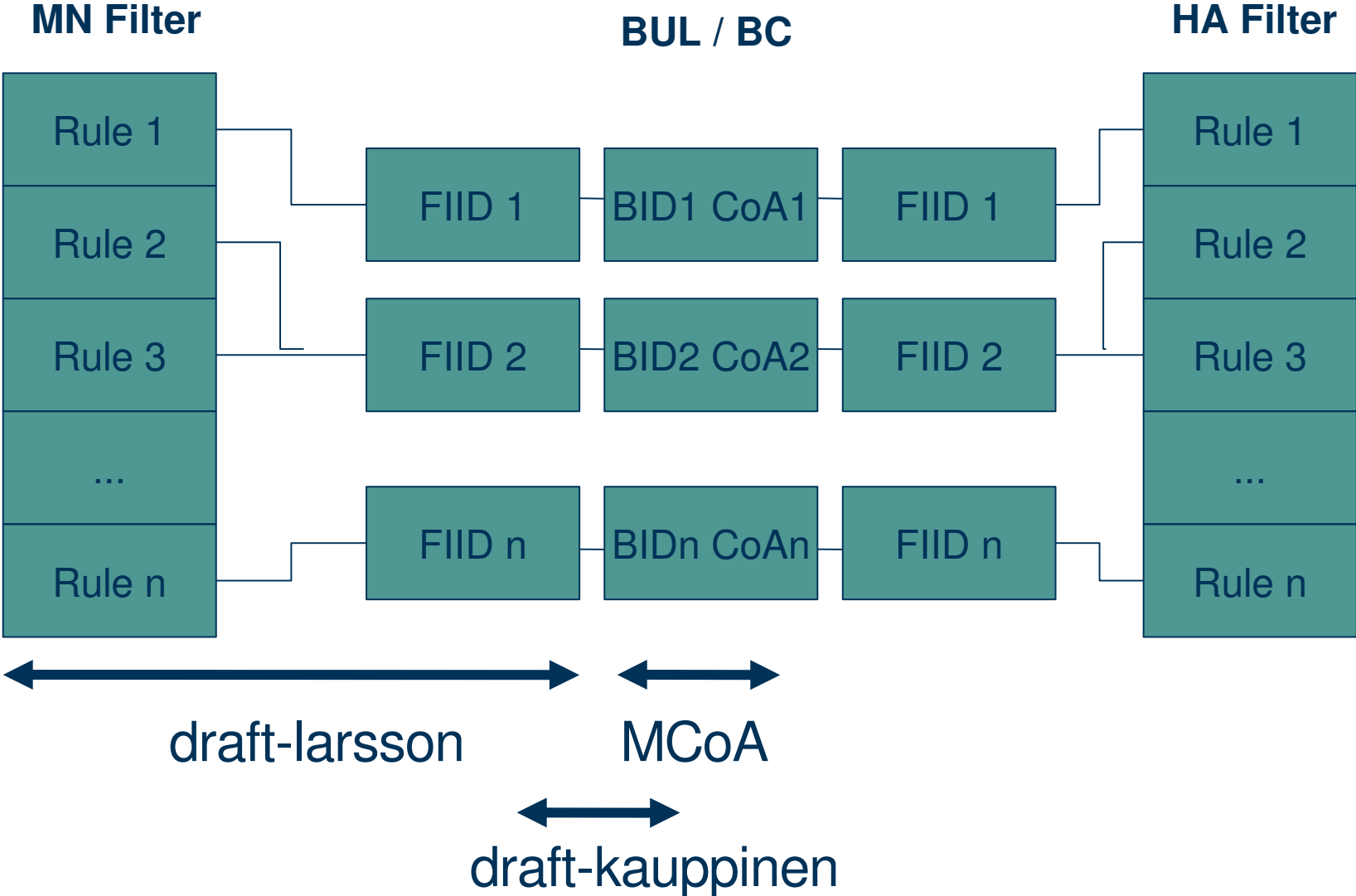


Filter Interface Identifier Binding in Mobile IPv6

draft-kauppinen-monami6-binding-
filter-rule-00.txt

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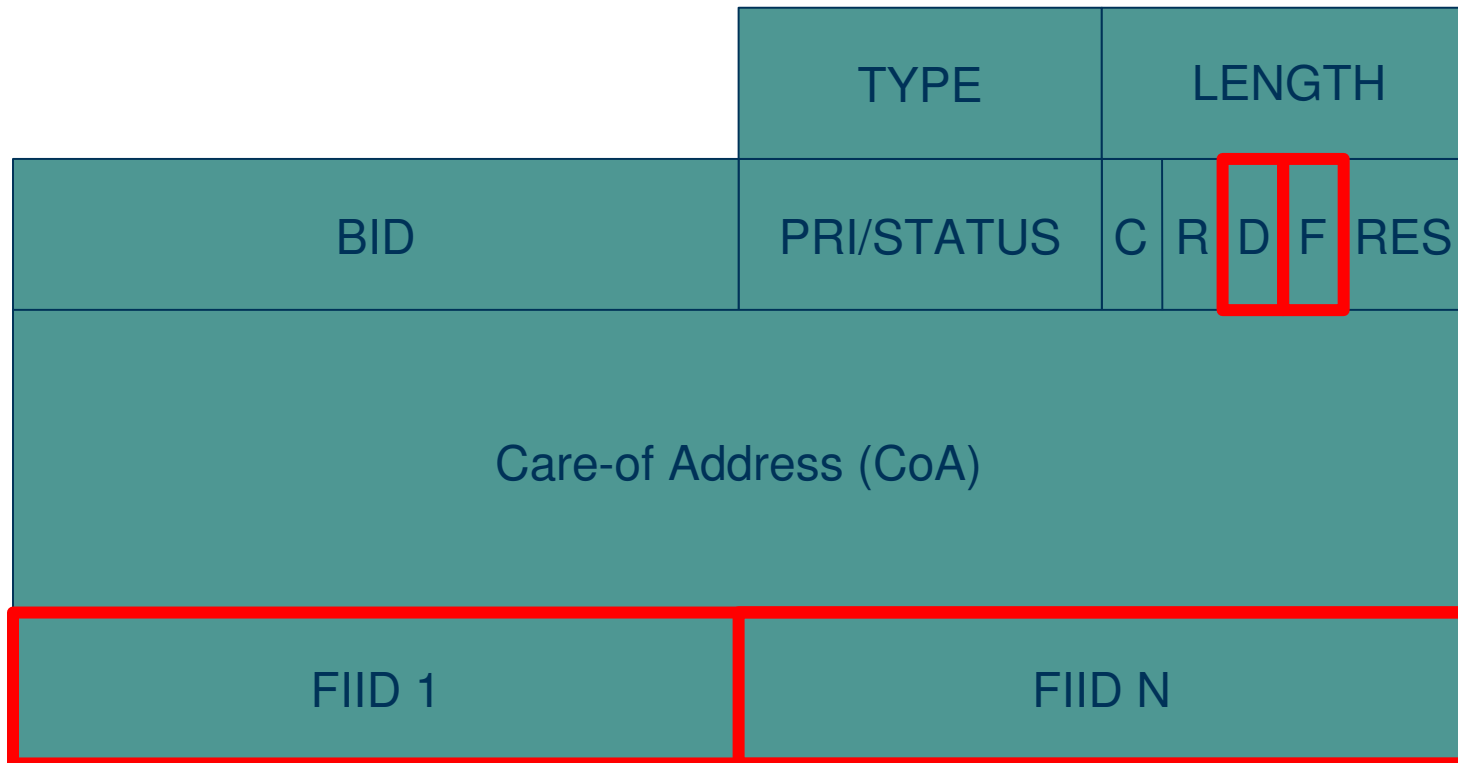
Introduction



Introduction

- FIID to BID (i.e. FIID bindings) carried in a BU inside BID sub-option(s)
- Selecting which BID to bind to is out of scope
- Binding a FIID to multiple BIDs also possible: load balancing and bi-casting which are out of scope, though
- FIID bindings need not to be symmetric
- From MN to HA

BID sub-option extensions



Extensions explained

- Delete (D) flag – remove specified entries
- Flush All (F) flag – delete prior adding
- Both flag are not to be set at the same time
- 16-bit FIIDs at the end of the option
- Length increased either to $4+N*2$ or $20+N*2$ depending on whether the C flag is set or not

More about FIID bindings

- Filter rules can exist without a FIID binding
- FIID bindings "die" along with the corresponding BUL/BC entry
- Disabled FIID bindings; a binding for an unknown FIID
- BA tells if the extension is supported