

# draft-ietf-ospf-prefix-link-attr-01.txt

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# Evolution of OSPFv2 SR work

- Original OSPFv2 SR draft defined:
  - Generic extensions for OSPFv2 to advertise extended link and prefix attributes
  - SR specific extensions on top of generic extensions
- During IETF 90, several people suggested to split the work and describe the generic extensions in a separate draft
  - Non SR related new link/prefix attributes

# Evolution of OSPFv2 SR work

- draft-ietf-ospf-prefix-link-attr-01.txt
  - defines OSPFv2 extension to advertise link and prefix attributes
- draft-ietf-ospf-segment-routing-extensions-02
  - defines OSPFv2 SR specific extensions
  - uses extensions defined in draft-ietf-ospf-prefix-link-attr-01.txt

# Link & Prefix Attributes

- OSPFv2 Extended Prefix Opaque LSA
  - OSPFv2 Extended Prefix TLV
- OSPFv2 Extended Link Opaque LSA
  - OSPFv2 Extended Link TLV
- No changes in the format of the TLVs from the original OSPFv2 SR draft
- Small change proposed for next revision
  - Redefine the "Reserved" field in OSPFv2 Extended Prefix TLV to "Flags" field

# Status

- OSPF WG document
- Fairly straightforward and simple extension
- Encodings have been stable since the original post of OSPFv2 SR draft
- Used by multiple SR implementations and interoperability testing performed
- People start to define non SR attributes
  - draft-acee-ospf-admin-tags-01.txt
  - draft-atlas-ospf-mrt-03
- Should be ready for WG LC