

# **BIERv6 via IS-IS**

**draft-xie-bier-ipv6-isis-extension-00**

**Presenter: Jingrong Xie**

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# Function Specific IPv6 Addr: End.BIER

- Configure example

```
# Config a BIER specific IPv6 address with 128-bit mask on loopback0.
```

```
interface loopback0
```

```
  ipv6 address 2019::AB37 128 End.BIER
```

```
# Config the BIER-specific IPv6 address on loopback0 as BFR Prefix.
```

```
bier sub-domain 6 ipv6-underlay
```

```
  bfr-prefix interface loopback0
```

# IS-IS TLV 236/237

## TLV 236/237 (IPv6 Prefix)

BIER Sub-TLV (type 32)

Encaps sub-sub-TLV (type TBD): BSL X

Encaps sub-sub-TLV (type TBD): BSL Y

Function Sub-TLV (type TBD)  
The only one Function End.BIER

Prefix Attrs Flag Sub-TLV (type 4)

# Request for

- Comments/questions/discussions

Thank you !