

# IETF 116 IDR Session

30 March 2023

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IETF 116 Yokohama  
hosted by

**WIDE**  
PROJECT

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
- [BCP 54](#) (Code of Conduct)
- [BCP 78](#) (Copyright)
- [BCP 79](#) (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)

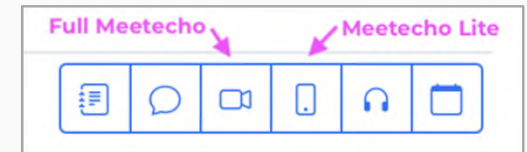


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# IETF 116 Meeting Tips

## In-person participants

- Make sure to sign into the session using the Meetecho (usually the “Meetecho lite” client) from the Datatracker agenda
- Use Meetecho to join the mic queue
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- **Wear masks unless actively speaking at the microphone.**



## Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session
- Use of a headset is strongly recommended

# Resources for IETF 116 Yokohama

- Agenda  
<https://datatracker.ietf.org/meeting/agenda>
- Meetecho and other information:  
<https://www.ietf.org/how/meetings/preparation>
- If you need technical assistance, see the Reporting Issues page:  
<http://www.ietf.org/how/meetings/issues/>

## WG Status - Since Last IETF

### RFC Editor Queue

- A BGP Cease Notification Subcode for BFD
- BGP Link State Extensions for SRv6
- Distribution of Link-State and Traffic Engineering Information Using BGP

### Submitted, Awaiting AD Review

- draft-ietf-idr-long-lived-gr - Support for Long-lived BGP Graceful Restart
- draft-ietf-idr-segment-routing-te-policy-20 - Advertising Segment Routing Policies in BGP
- draft-ietf-idr-rpd
- draft-ietf-idr-wide-bgp-communities

### WG LC Planned

- draft-ietf-idr-ts-flowspec-srv6-policy
- draft-ietf-bgp-model

## WG Status (cont'd)

### Adopted since IETF 115

- draft-ietf-idr-node-target-ext-comm
- draft-ietf-idr-vpn-prefix-orf
- draft-ietf-idr-rt-derived-community
- draft-ietf-idr-flowspec-network-slice-ts

### Adoptions Closed – IDR chairs review

- draft-zzhang-idr-tunnel-encapsulation-label-stack
- draft-zhou-idr-bgp-srmls-elp

### Adoptions Closed

- draft-dong-idr-sr-policy-nrp
- draft-sas-idr-maxprefix-inbound
- draft-spaghetti-idr-bgp-sendholdtimer

### Upcoming adoption calls

- draft-zhang-idr-sr-policy-metric
- draft-draft-chen-idr-tcp-user-timeout-01
- draft-chen-idr-mbinding-00
- draft-mishra-idr-v4-island-v6-core-4pe-02

## WG Status (cont'd)

### **Lots of List Discussion:**

- V4-only/v6-only drafts
- zzhang-idr-tunnel-encapsulation-label-stack
- draft-abraitis-bgp-version-capability
- draft-spaghetti-idr-bgp-sendholdtimer

## Interim - April 24<sup>th</sup> 2023

Interim to cover draft presentations that did not make it to IETF 116 Timeslot

### **Interim meeting will cover following draft topics:**

- Adjustments to standard BGP timers (Hold Timer and Send Timer)
- BGP One Administrative domain
- Flow Specification drafts
- BGP-LS drafts



# Agenda

1. Agenda bashing and Chairs' Slides (5 mins)
2. BGP Color-Aware Routing (CAR) [Dhananjaya Rao] (10 mins)  
<https://datatracker.ietf.org/doc/html/draft-ietf-idr-bgp-car/>
3. BGP Classful Transport Planes (CT) [Kaliraj Vairavakkalai] (10 mins)  
<https://datatracker.ietf.org/doc/html/draft-ietf-idr-bgp-ct/>
4. Advertisement of Segment Routing Policies/TE Paths using BGP Link-State [Ketan Talaulikar] (10 mins)  
<https://datatracker.ietf.org/doc/html/draft-ietf-idr-bgp-ls-sr-policy/>  
<https://datatracker.ietf.org/doc/html/draft-ietf-idr-bgp-ls-te-path-00/>
5. BGP YANG Model [Mahesh Jethanandani] (10 mins)  
<https://datatracker.ietf.org/doc/html/draft-ietf-idr-bgp-model/>
6. Advertising In-situ Flow Information Telemetry (IFIT) Capabilities in BGP [Giuseppe Fioccola] (5 mins)  
<https://datatracker.ietf.org/doc/html/draft-ietf-idr-bgp-ifit-capabilities/>
7. BGP SR Policy Extensions for Template [Ka Zhang] (10 mins)  
<https://datatracker.ietf.org/doc/html/draft-zhang-idr-sr-policy-template/>
8. BGP SR Policy Extensions for Segment List Identifier [Changwang Lin] (10 mins)  
<https://datatracker.ietf.org/doc/html/draft-lin-idr-sr-policy-seglist-id/>

## Agenda (cont'd)

9. Advertising SID Algorithm Information in BGP [Yao Liu] (10 mins)  
<https://datatracker.ietf.org/doc/html/draft-peng-idr-segment-routing-te-policy-attr/>
10. Loop Prevention for Route Import Between Protocols [Wenyan Li] (10 mins)  
<https://datatracker.ietf.org/doc/html/draft-li-idr-inter-protocol-anti-loop/>
11. Generic Metric for the AIGP attribute [Srihari Sangli] (10 mins)  
<https://datatracker.ietf.org/doc/html/draft-ssangli-idr-bgp-generic-metric-aigp/>
12. MP-BGP Extension and the Procedures for IPv4/IPv6 Mapping Advertisement [Chongfeng Xie] (10 mins)  
<https://datatracker.ietf.org/doc/html/draft-xie-idr-mpbgp-extension-4map6/>
13. Connecting IPv4 Islands over IPv6 Core using IPv4 Provider Edge Routers (4PE) [Gyan Mishra] (5 mins)  
<https://datatracker.ietf.org/doc/html/draft-mishra-idr-v4-islands-v6-core-4pe/>