

# IETF 116 IDR Session

30 March 2023

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IETF 116 Yokohama  
hosted by

**WIDE**  
PROJECT

# Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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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)

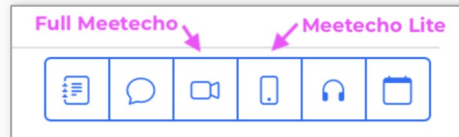


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# IETF 116 Meeting Tips

## 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
- *Keep audio and video off if not using the onsite version*
- **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

## RFC Publication Requested

- Support for Long Lived BGP GR
- Advertising Segment Routing Policies in BGP

## Submitted to IESG

- draft-ietf-idr-rpd
- draft-ietf-idr-wide-bgp-communities

## WG LC Planned

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

# WG Status (cont'd)

## Adopted:

- draft-ietf-idr-bgp-car
- draft-ietf-idr-bgp-ct
- draft-ietf-bgp-diffract
- 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 in Progress:

- draft-dong-idr-sr-policy-nrp
- draft-zzhang-idr-tunnel-encapsulation-label-stack
- draft-zhou-idr-bgp-srmppls-elp
- draft-sas-idr-maxprefix-inbound
- draft-spaghetti-idr-bgp-sendholdtimer

## Pending Adoption Calls:

- draft-zhang-idr-sr-policy-metric
- draft-chen-idr-tcp-user-timeout

# 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 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/>