

# Identifier Locator Addressing(ILA)-BOF 101th IETF, London, Nov 22, 2018

Chairs: Joel Halpern, Samita Chakrabarti

Responsible AD: Suresh Krishnan

IAB Shepherd: Erik Nordmark

Minute takers: ?

Jabber Scribe: ?

Online Agenda: <https://datatracker.ietf.org/meeting/101/agenda/>

Jabber Room: [ila@jabber.ietf.org](mailto:ila@jabber.ietf.org)

Meetecho: <http://www.meetecho.com/ietf101/ila>

Etherpad: <http://etherpad.tools.ietf.org/p/notes-ietf-101-ila>

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# Identifier Locator Addressing (ILA) - BOF

- Date: Thursday, March 22, 2018
- Time: 18:10 – 19:10
- Room: Viscount

This is a Non-WG forming BOF

**Description:** ILA is a protocol to implement transparent network overlays without encapsulation. It addresses the need for network overlays in virtualization and mobility that are efficient, lightweight, performant, scalable, secure, provide seamless mobility, leverage and encourage use of IPv6, provide strong privacy, are interoperable with existing infrastructure, applicable to a variety of use cases, and have simplified control and management.

Identifier Locator Addressing use cases include mobile networks, datacenter virtualization, and network virtualization.

**Scope:** Scope of this BoF is to identify the problem and get direction on the proposed solution.

**Reference:** <https://trac.tools.ietf.org/bof/trac/#Internet>

# Identifier Locator Addressing (ILA) - BOF

- Lots of work have been done in this space at IETF
  - Separation of control and data plane
  - ID and Locator separation and Address mapping
- We are NOT going to discuss previous solutions in this BOF meeting
- ILA BOF is a NON-WG forming BOF
  - The goal is to understand the problem better – i.e. why is it needed?
  - Understand the major use cases
  - The information is helpful to explore further into this space



# ILA Related drafts:

- Problem areas and motivation <https://tools.ietf.org/html/draft-herbert-ila-motivation-00>
- ILA protocol specification <https://tools.ietf.org/html/draft-herbert-intarea-ila-00>
- ILA mapping protocol <https://tools.ietf.org/html/draft-herbert-ila-ilamp-00>
- Applying ILA to mobile user-plane <https://tools.ietf.org/html/draft-herbert-ila-mobile-00>
- Deployment considerations <https://tools.ietf.org/html/draft-lapukhov-ila-deployment-01>
- BGP extensions for ILA <https://tools.ietf.org/html/draft-lapukhov-bgp-ila-afi-02>

This is a Non-WG forming BOF

# BOF Questions :

- Do people understand the problem space of ILA ?
- Do people understand the intended scope of ILA ?
  - Do folks understand the related issues within ILA's scope?
- Any other issues that need to be addressed(in this scope)?
- Do folks understand the two use cases of ILA presented here?
  
- Next Step
  - Area Director to comment