Connections – a pre-IETF India Forum

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https://connections.iiesoc.in/

India Internet Engineering Society

https://iiesoc.in

PURPOSE

- Discuss the interests and issues important to the network deployment, operation and design of networks in India as they impact IETF standards.

- Educate and prepare new members for IETF involvement.

  - Facilitate member involvement in IETF areas.

- Provide information, guidance and direction to assist Indian community in involvement in the IETF.

FORMAT

Main Event

- Main event including technical invited talks on IOT, Security, SDN, Apps area
- Experts with vast IETF and Industry experience
- Various Panel discussion on each technical track with various technology background and perspectives

Hackathon

- Hackathon encourage developers to collaborate and develop utilities, ideas, running code and solutions that show practical implementations of IETF standards.
- Technology area - IOT, TLS, DNS, SDN etc.
- Participants are encouraged to demonstrate working open source projects

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FORMAT

Main Event (8th Nov)

Time		
8am	8 - Assemble & Mingle (Tea)	
9am	8:30 – 9:30 Welcome, Keynote etc	
10am	9:30 – 12p Track 1 (IOT)	9:30 – 12p Track 2 (SDN)
11am		
12pm	12p – 1:15p Lunch	
1pm	1:15p – 2:30p Keynote 2	
2pm		
3pm	2:30p – 4:30p Track 3 (Apps)	2:30p – 4:30p Track 4 (Security)
4pm		
	4:30p - Event Close	
5pm		

Hackathon (9th Nov)

Time	
8am	8 - Assemble & Mingle (Tea)
9am	8:30 – 10 Welcome, Hackathon Project Introduction etc
10am	10 – 12:30p Hackathon Starts…
11am	
12pm	
1pm	12:30p – 2p Lunch
2pm	2p – 4p Hackathon continues
3pm	
4pm	4p - Hackathon Results

TECHNOLOGY TRACKS

- The Internet of Things (IoT) refers to devices, that are often constrained in communication and computation capabilities, now becoming more commonly connected to the Internet, and various services that are built on top of the capabilities these devices jointly provide.

IOT

- Software-Defined Networking (SDN) refers to a new approach for network programmability, that is, the capacity to initialize, control, change, and manage network behavior dynamically via open interfaces.

SDN

- Protocols and Architectures to support applications.

Apps

- Security is key in today's Internet. The Security Area is the home for working groups focused on security protocols. They provide one or more of the security services: integrity, authentication, non-repudiation, confidentiality, and access control.
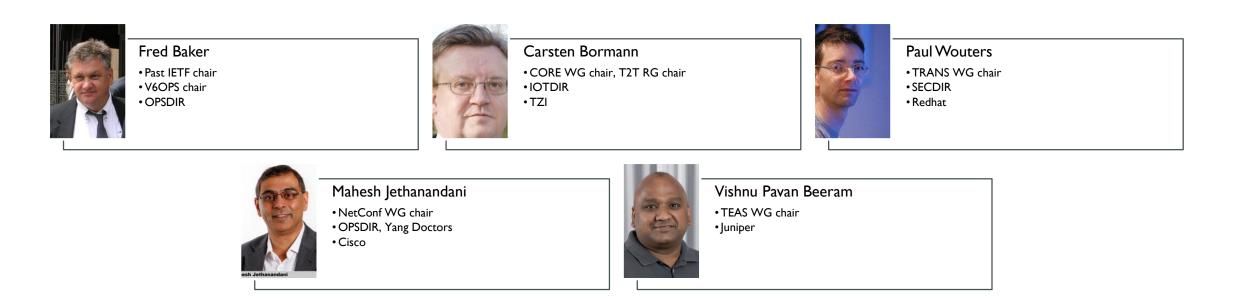
Security

SPEAKERS

Fred Baker
- Past IETF chair
- V6OPS chair
- OPSDIR

Carsten Bormann
- CORE WG chair, T2T RG chair
- IOTDIR
- TZI

Paul Wouters
- TRANS WG chair
- SECDIR
- Redhat

Mahesh Jethanandani
- NetConf WG chair
- OPSDIR, Yang Doctors
- Cisco

Vishnu Pavan Beeram
- TEAS WG chair
- Juniper

Many more speakers from India from Vendors, Academia, Opensource space….

HACKATHON

- Hackathons encourage developers to collaborate and develop utilities, ideas, running code and solutions that show practical implementations of IETF standards. Hackathon will be held on 9th November.

- This is also an excellent mechanism to participate in IETF by bringing in the implementation experience and providing useful comments to, in-progress standards.

- Goals -

  - Advance pace and relevance of IETF standard activities from India by bringing in the Indian ICT & developers to collaborate on implementing above cited technologies.

  - Provide Hackathon as an entry point for developers and engineers to join IETF activities by initially providing implementation experience, later collaborating on standards, take part in IETF Hackathon activities.

  - Educate new developers and expose them to new standards in IETF

  - Bring interoperability concerns and newer features (possibly from an Indian and/or Industry/ISP context

- Suggested Project/ Technologies Areas

  - IOT, Security/TLS, SDN, DNS, QUIC/HTTP 2.0

HELP OUT!

- Mark your calendars and make sure to attend the event, and use this opportunity!

- Please publicize the event in your organization and groups

- Please volunteer for the event and help us, in making it a success.

- If your organization would be interested in sponsorship, please link us up.

  - Details at - https://www.connections.iiesoc.in/sponsorship