QUEBEC CITY
IETF 81

July 24-29, 2011

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RIM ®

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Area Directors

Applications Area (APP)
- Pete Resnick, Qualcomm
- Peter Saint-Andre, Cisco Systems

General Area (GEN)
- Russ Housley, Vigil Security, LLC

Internet Area (INT)
- Jari Arkko, Ericsson
- Ralph Droms, Cisco Systems

Operations and Management Area (OPS)
- Ronald Bonica, Juniper Networks
- Dan Romascanu, Avaya

Real-time Applications and Infrastructure Area (RAI)
- Gonzalo Camarillo, Ericsson
- Robert Sparks, Tekelec

Routing Area (RTG)
- Stewart Bryant, Cisco Systems
- Adrian Farrel, Juniper Networks

Security Area (SEC)
- Stephen Farrell, Trinity College Dublin
- Sean Turner, IECA, Inc.

Transport Area (TSV)
- Wesley Eddy, MTI Systems
- David Harrington, HuaweiSymantec

Welcome from the IETF Chair

Welcome to IETF 81 in Quebec City! I'm looking forward to collaborating with many talented and enthusiastic people during the week.

Please extend your thanks to our meeting host: Research In Motion (RIM). I am told that the social event at the Musée de la Civilisation on Tuesday evening will be quite wonderful. In addition, **.ca** and Comcast are sponsoring parts of the meeting, and Bell and Telus are providing the network connectivity. If you see someone with a green dot on their badge, please thank them.

The Nominations Committee (NomCom) is just getting started for leadership positions that start in March 2012. If you have thoughts about potential IAB, IESG, and IAOC members, please talk to someone with an orange dot.

First-time attendees have a "New Attendee" badge banner. Please welcome the newcomers and answer their questions about the IETF culture.

Depletion of the IANA IPv4 address pool last February has not resulted in a meltdown of the Internet. It has not created a crisis. However, there is a need for action. Please help everyone implement dual stack to support both IPv4 and IPv6. Some people demonstrated that IPv6 can be quite successful on *World IPv6 Day* on 8 June 2011. This event was a rigorous 24-hour global test flight of coexisting IPv4 and IPv6 services in the Internet. The IETF web site has supported IPv6 for many years, and it was part of this event. Learn more about what happened, and what did not happen, at:

http://www.internetsociety.org/worldipv6day/

I look forward to your participation this week, and I look forward to seeing you at IETF 82 in Taipei, Taiwan on 13-18 November 2011.

Thanks for all you do for the Internet!

Russ Housley
IETF Chair

Key Meeting Contacts

Network Connectivity and Audio Streaming Issues: **noc@ietf.org**.

All other meeting issues: **mtd@ietf.org**.

Registration

Location: 2000 A (Level 2)

DAY/DATE	HOURS
Sunday	1100 – 1900
Monday	0800 – 1800
Tuesday	0800 – 1800
Wednesday	0800 – 1700
Thursday	0800 – 1700
Friday	0800 – 1100

Note: To request a hard copy receipt, please send an email to registrar@ietf.org. All requested hard copy receipts will be available for pick up at the registration desk starting at 0800 on Wednesday, July 27, 2011.

Terminal Room

The Terminal Room will be in 2000 D (Level 2). Your IETF name badge is required for entry and 24-hour access is available starting at 1600 Sunday, July 24 through 1500 Friday, July 29.

Badges and Dots

Please wear your badge at all times.

Dot Key:
Blue: Working Group & BOF Chairs
Red: IAB
Yellow: IESG
Purple: IAOC
Pink: IRSG
Green: Host
Orange: NomCom
Brown: Acting RFC Series Editor

Banner Key:
Maroon Banner: First-Time Attendee
Orange Banner: Press

If you see attendees wearing the "New Attendee" banner, please make an effort to make them feel welcome and answer any questions they may have.

Food & Beverage Service

Sunday Welcome Reception
1700 – 1900 in 2000 ABC (Level 2)

Beverage and Snack Service:
Available in 2000ABC (Level 2)
Monday: 0800-0900 (Continental Breakfast)
             1610-1630 (Beverage & Snack)
Tuesday: 0800-0900 (Continental Breakfast)
             1500-1520 (Beverage & Snack)
Wednesday: 0800-0900 (Continental Breakfast)
             1610-1630 (Beverage & Snack)
Thursday: 0800-0900 (Continental Breakfast)
             1500-1520 (Beverage only)
             1720-1740 (Beverage & Snack)
Friday: 0800-0900 (Continental Breakfast)

* Lunch and dinner are not provided.

Lost and Found

Please turn in all "found" items to the IETF Registration Desk, 2000 A (Level 2).

Social Event

Where: Musée de la Civilisation
Date: Tuesday, July 26, 2011
Time: 1930-2200
Host: RIM
Cost: $35 USD per person
More info:
http://www.ietf.org/meeting/81/social.html
Register:
https://www.ietf.org/registration/ietf81/eventticket.py

Message Board

Located near the IETF Registration Desk. The message board contains important information such as agenda changes, incoming phone messages and messages to other attendees. Please do not post resumes, job openings or solicitations of any kind.

Meeting Communication

Troubleshooting	**Audio Streaming**
When reporting problems, please be as specific as possible in your message and remember to include the room name. For network connectivity and audio streaming issues, please contact **noc@ietf.org**. For all other meeting issues, including A/V and environmental issues (e.g. noise, temperature), please contact **mtd@ietf.org**.	Audio streaming during the meeting can be accessed at: **http://ietf81streaming.dnsalias.net/ietf/** Following the meeting, the audio archives will be housed on the IETF website at: **http://www.ietf.org/audio/ietf81/**
Jabber Rooms	**Meeting Mail Lists**
Jabber rooms are available for each session and use the name of the working group: **[wg]@jabber.ietf.org** Logging is automatically enabled in each room. The logs are located here: **http://jabber.ietf.org/logs/** For more information about Jabber, see **http://www.jabber.org/**	81ALL Everyone who has registered for the meeting is subscribed to 81ALL. The list is reserved for official communication from the IETF Administrative Director (IAD) and the Secretariat. **Attendees cannot send to this list.** 81ATTENDEES This list is intended for community discussions during the meeting and all subscribers can send to this list. Subscribe and unsubscribe at **www.ietf.org/mailman/listinfo/81attendees**. This mailing list will expire 30 days after meeting.

Note Well

Floor Plans

Québec City Convention Centre, Level 2
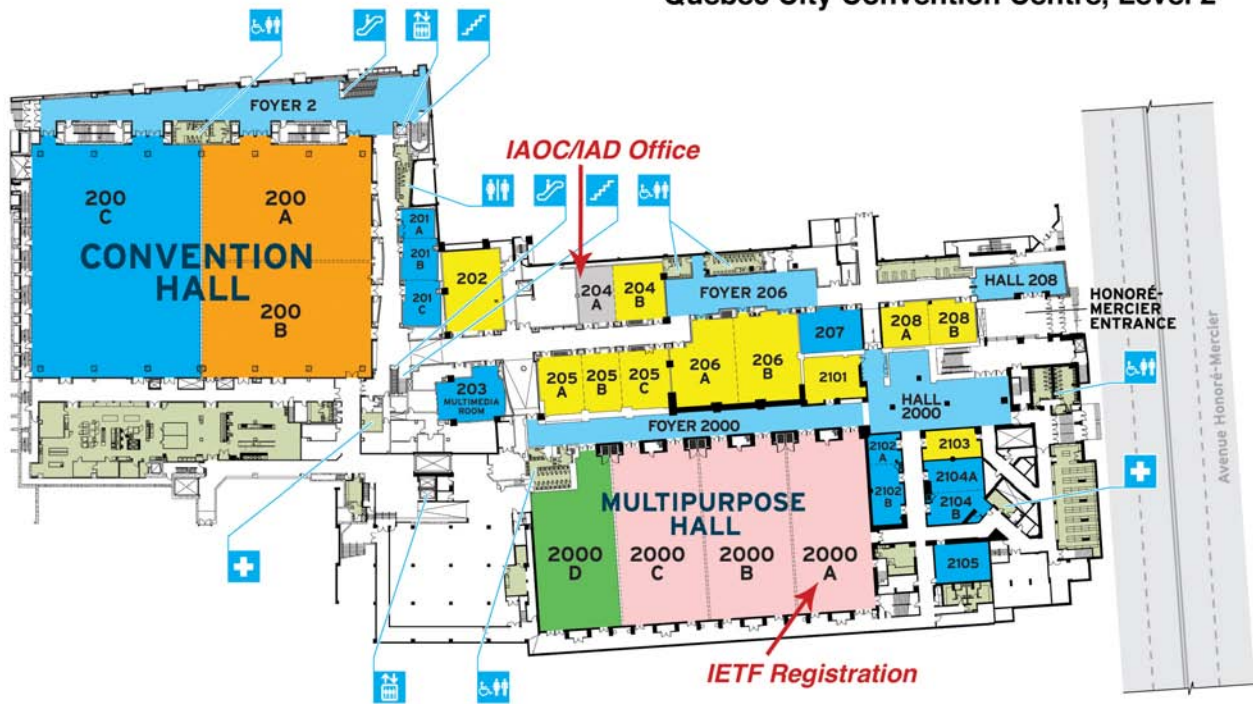
Registration - 2000 A; Breaks - 2000 BC
Terminal Room - 2000 D
Plenary Sessions - 200 AB
Breakout Rooms - 202, 204 B, 205 ABC, 206 A, 206 B, 208 AB, 2101, 2103
IAOC/IAD Office - 204 A

Québec City Convention Centre, Level 3

SOLARIUM

FOYER 3

303 B

303 A

302 B

302 A

301 B

301 A

304 B

304 A

ENTRANCE
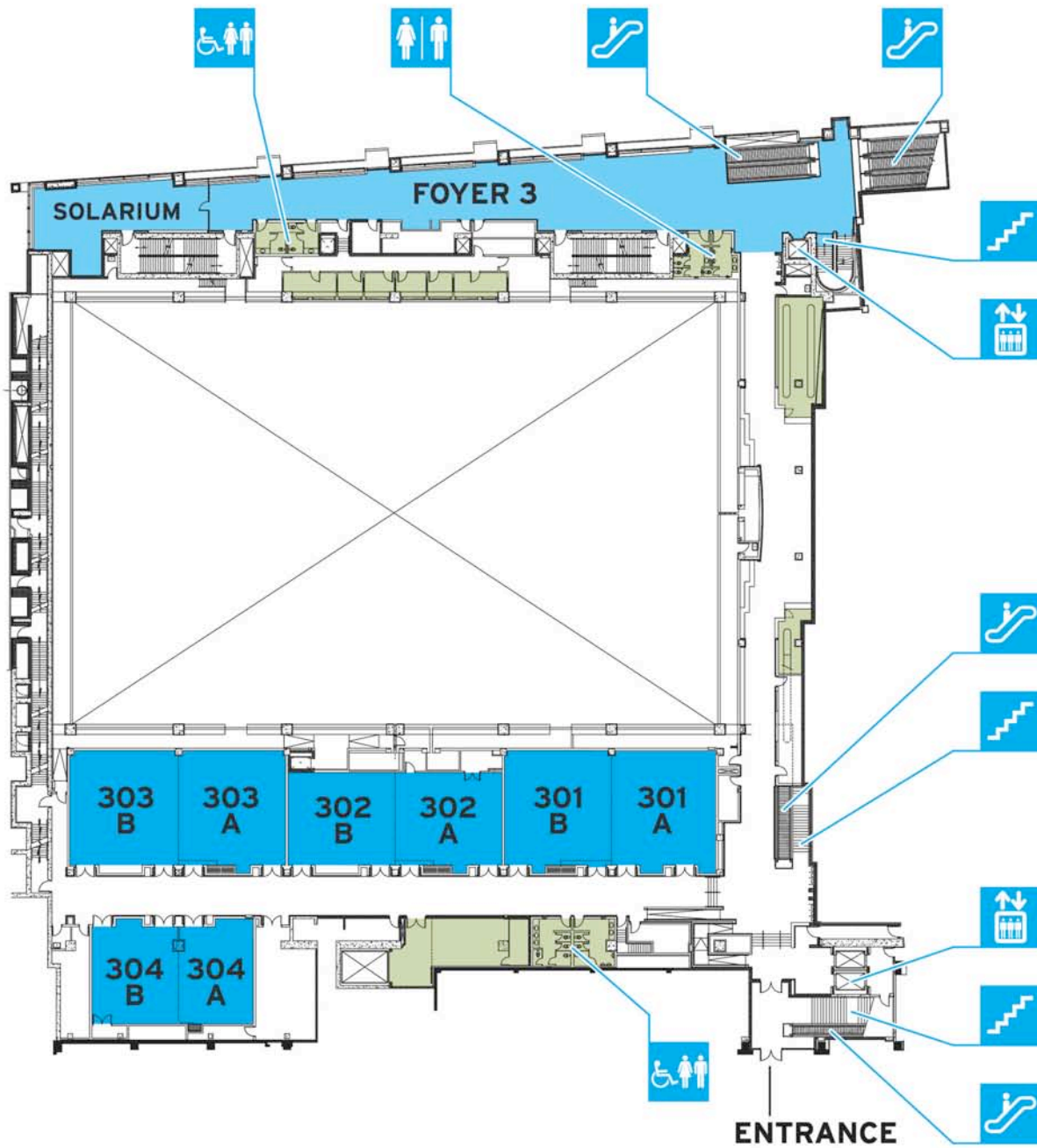
Area Map
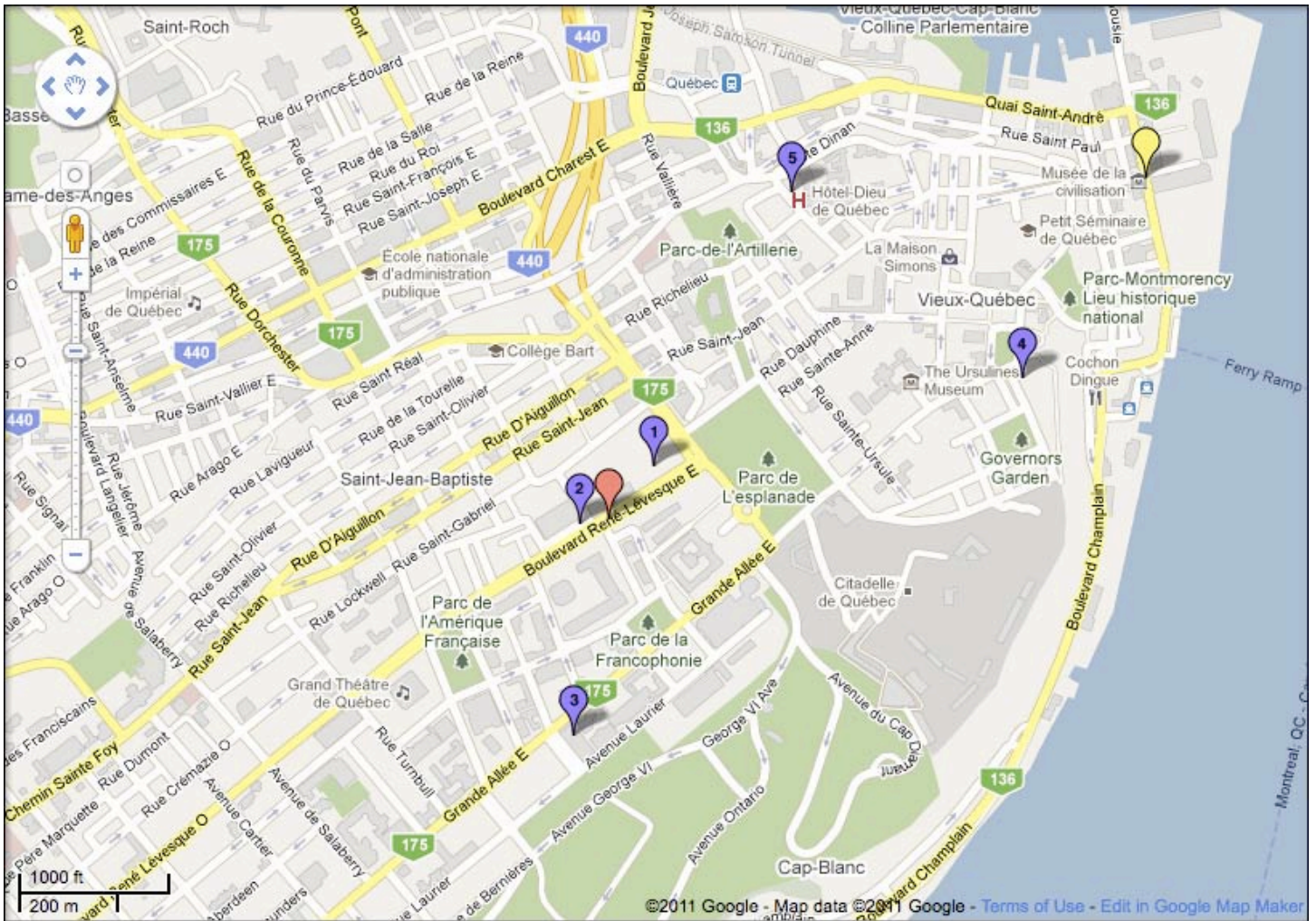
- Quebec City Convention Centre
1. Hilton Quebec
2. Delta Hotel - Québec City
3. Loews Hotel Le Concorde
4. Fairmont Le Château Frontenac
5. Hôtel-Dieu de Québec
- Musée de la Civilisation

See also: http://maps.google.com/maps/ms?msid=216838965031765977604.0004a40d3aeb3a39abd52&msa=0&ll=46.806405,-71.252861&spn=0.133946,0.3162

Agenda of IETF 81, July 24-29, 2011

SATURDAY, July 23, 2011
0930-1700 Code Sprint - 2000 D

SUNDAY, July 24, 2011
1100-1900 IETF Registration - 2000 A
1000-1200 IEPG Meeting - 206 B
1300-1450 Newcomer's Training - 206 B
1300-1450 Working Group Leadership Tutorial - 206 A
1300-1450 Newcomer's Training (French) - 205 ABC
1400-1600 Apps Area Prepatory Meeting for Internationalization Working Groups - 2103
1500-1650 Tools for Creating Internet-Drafts Tutorial - 206 B
1500-1650 Bringing New Work to the IETF - 206 A
1600-1700 Newcomer's Meet and Greet (open to Newcomers and WG chairs) - Verriere - 3rd Floor
1700-1900 Welcome Reception - 2000 ABC

MONDAY, July 25, 2011
0800-1800 IETF Registration - 2000 A
0800-0900 Continental Breakfast - 2000 BC

0900-1130 Morning Session I

208 AB	APP	httpauth	HTTP Authentication BOF – *Cancelled*
208 AB	APP	apparea/ appsawg	Applications Area Open Meeting / Applications Area Working Group
204 B	INT	multimob	Multicast Mobility WG
206 A	IRTF	dtnrg	Delay-Tolerant Networking Research Group
2101	OPS	radext	RADIUS EXTensions WG
205 ABC	RAI	dispatch	Dispatch WG
206 B	RTG	mpls	Multiprotocol Label Switching WG
202	TSV	ippm	IP Performance Metrics WG
2103	TSV	nfsv4	Network File System Version 4 WG

1130-1300 Break

1300-1500 Afternoon Session I

202	APP	websec	Web Security WG
2101	INT	lisp	Locator/ID Separation Protocol WG
206 B	INT	trill	Transparent Interconnection of Lots of Links WG
205 ABC	OPS	multrans	Multicast Transition BOF
2103	OPS	netconf	Network Configuration WG
206 A	RAI	ecrit	Emergency Context Resolution with Internet Technologies WG
204 B	SEC	pkix	Public-Key Infrastructure (X.509) WG
208 AB	TSV	ppsp	Peer to Peer Streaming Protocol WG

1510-1610 Afternoon Session II

2103	APP	repute	Reputation Services BOF
206 A	RAI	sipcore	Session Initiation Protocol Core WG
2101	RTG	forces	Forwarding and Control Element Separation WG
202	RTG	isis	IS-IS for IP Internets WG
204 B	TSV	pcn	Congestion and Pre-Congestion Notification WG

1610-1630 Afternoon Beverage and Snack Break I – 2000 BC

MONDAY, July 25, 2011 (continued)

1630-1930 Technical Plenary – 200 AB

1630 - 1700	1. Welcome 2. IRTF Chair's Report - Lars Eggert 3. IAB Chair's Report - Bernard Aboba 4. RSOC Report - Fred Baker
1700 - 1745	Technical Session I: "Report from World IPv6 Day" Moderators: Fred Baker and Leslie Daigle *On 8 June, major websites and major content delivery networks joined together for the first global-scale trial of IPv6. In this session, panelists will explore the lessons from this important event.*
1745 - 1915	Technical Session II: "The Web Privacy Tussle" Panel session moderated by Alissa Cooper Speakers: • Jens Grossklags (Pennsylvania State University) • Fred Carter (Office of the Information and Privacy Commissioner, Ontario, Canada) • Andy Zeigler (Microsoft) *Designers of Internet protocols, services, and applications are increasingly being confronted with challenges associated with protecting the privacy of individual Internet users. Past efforts to build privacy features into Internet standards have met with mixed results, while attempts to fully comprehend and document the privacy consequences of Internet protocols more broadly remain in a nascent stage.* *The web platform in particular has become an arena where privacy issues are emerging with increasing frequency. This plenary will explore the web privacy "tussle" by providing a diversity of perspectives on the tensions and motivations behind some of the privacy struggles that are currently exhibiting themselves on the web. By examining past attempts at addressing privacy issues within Internet standards and technologies, the panel provides an opportunity for the IETF community to better understand the aspects of privacy that are relevant to protocol design and the appropriate scope of privacy work in the IETF.*
1915 - 1930	IAB Open Microphone Session
1930	Adjourn

TUESDAY, July 26, 2011
0800-1800 IETF Registration - 2000 A
0800-0900 Continental Breakfast - 2000 BC
0900-1130 Morning Session I

2103	APP	eai	Email Address Internationalization WG
204 B	APP	httpbis	Hypertext Transfer Protocol Bis WG
208 AB	IRTF	p2prg	Peer-to-Peer Research Group
205 ABC	OPS	v6ops	IPv6 Operations WG
206 A	RAI	geopriv	Geographic Location/Privacy WG – *Combined with xmpp*
~~2101~~ 206 A	RAI	xmpp	Extensible Messaging and Presence Protocol WG – *Combined with geopriv*
206 B	RTG	ccamp	Common Control and Measurement Plane WG
202	TSV	tcpm	TCP Maintenance and Minor Extensions WG

1130-1300 Break
1300-1500 Afternoon Session I

204 B	APP	paws	Protocol to Access WS database WG
208 AB	INT	pcp	Port Control Protocol WG
206 A	OPS	dnsop	Domain Name System Operations WG
2101	OPS	netmod	NETCONF Data Modeling Language WG
205 ABC	RAI	rtcweb	Real-Time Communication in WEB-browsers WG
2103	RTG	pim	Protocol Independent Multicast WG
202	SEC	emu	EAP Method Update WG
206 B	TSV	alto	Application-Layer Traffic Optimization WG

1500-1520 Afternoon Beverage and Snack Break I - 2000 BC
1520-1700 Afternoon Session II

205 ABC	INT	6man	IPv6 Maintenance WG
2101	IRTF	nmrg	Network Management Research Group
2103	RAI	drinks	Data for Reachability of Inter/tra-NetworK SIP WG
204 B	RAI	soc	SIP Overload Control WG
208 AB	RTG	manet	Mobile Ad-hoc Networks WG
202	RTG	pwe3	Pseudowire Emulation Edge to Edge WG
206 A	SEC	woes	Web Object Encryption and Signing BOF
206 B	TSV	decade	Decoupled Application Data Enroute WG

1710-1810 Afternoon Session III

2103	APP	vcarddav	vCard and CardDAV WG
204 B	APP	yam	Yet Another Mail WG
205 ABC	INT	6man	IPv6 Maintenance WG
206 B	RAI	raiarea	Real-time Applications and Infrastructure Area Open Meeting
208 AB	RTG	manet	Mobile Ad-hoc Networks WG
202	RTG	pwe3	Pseudowire Emulation Edge to Edge WG
2101	TSV	storm	STORage Maintenance WG

WEDNESDAY, July 27, 2011
0800-1700 IETF Registration - 2000 A
0800-0900 Continental Breakfast - 2000 BC
0900-1130 Morning Session I

206 B	APP	core	Constrained RESTful Environments WG
205 ABC	INT	softwire	Softwires WG
~~2103~~	~~IRTF~~	~~hiprg~~	~~Host Identity Protocol~~
			– Moved TO Thursday Morning Session I 0900-1130
202	IRTF	irtf	IRTF Open Meeting
~~202~~ 2101	OPS	opsarea	Operations & Management Area Open Meeting
			- Combined with OPSAWG
~~202~~ 2101	OPS	opsawg	Operations and Management Area WG
			- Combined with OPSAREA
208 AB	RAI	avtcore	Audio/Video Transport Core Maintenance WG
206 A	RTG	idr	Inter-Domain Routing WG
~~2101~~ 2103	SEC	oauth	Web Authorization Protocol WG
204 B	TSV	mptcp	Multipath TCP WG

1130-1300 Break
1300-1500 Afternoon Session I

202	APP	core	Constrained RESTful Environments WG
208 AB	INT	homenet	Home Networking BOF
2101	OPS	ipfix	IP Flow Information Export WG
204 B	RAI	cuss	Call Control UUI Service for SIP WG
206 A	RTG	karp	Keying and Authentication for Routing Protocols WG
206 B	RTG	mpls	Multiprotocol Label Switching WG
2103	SEC	nea	Network Endpoint Assessment WG
205 ABC	TSV	conex	Congestion Exposure WG

1510-1610 Afternoon Session II

2101	APP	sieve	Sieve Mail Filtering Language WG
206 A	OPS	6renum	IPv6 Site Renumbering WG
205 ABC	RAI	avtext	Audio/Video Transport Extensions WG
~~202~~	~~RTG~~	~~l2vpn~~	~~Layer 2 Virtual Private Networks WG~~
			- Moved TO Thursday Afternoon Session I 1300-1500
202	RTG	rtgwg	Routing Area Working Group WG
			- Moved FROM Thursday Afternoon Session I 1300-1500
208 AB	SEC	cicm	Common Interface to Cryptographic Modules BOF
206 B	TSV	behave	Behavior Engineering for Hindrance Avoidance WG
2103	TSV	nfsv4	Network File System Version 4 WG

1610-1630 Afternoon Beverage and Snack Break I - 2000 BC
1630-1930 IETF Operations and Administration Plenary - 200 AB

1. Welcome
2. Host Presentation
3. Postel Award
4. Reporting
    - IETF Chair Report
    - NOC Report
    - IAOC Chair & IAD Reports
    - Trust Chair Report
    - NomCom Chair Report
5. Recognition
6. IAOC Open Mic
7. IESG Open Mic

THURSDAY, July 28, 2011
0800-1700 IETF Registration - 2000 A
0800-0900 Continental Breakfast - 2000 BC
0900-1130 Morning Session I
204 B   INT   dhc   Dynamic Host Configuration WG
~~202~~   ~~IRTF~~   ~~irtf~~   ~~IRTF Open Meeting~~
                                     –   Moved TO Wednesday Morning Session I 0900-1130
202   IRTF   hiprg   Host Identity Protocol
                                     - Moved FROM Wednesday Morning Session I 0900-1130
2103   IRTF   mobopts   IP Mobility Optimizations Research Group
208 AB   OPS   mboned   MBONE Deployment WG
206 A   RAI   clue   ControLling mUltiple streams for tElepresence WG
206 B   RTG   sidr   Secure Inter-Domain Routing WG
2101   SEC   krb-wg   Kerberos WG
205 ABC   TSV   tsvarea   Transport Area Open Meeting

1130-1300 Break
1300-1500 Afternoon Session I
204 B   APP   precis   Preparation and Comparison of Internationalized Strings WG
202   INT   netext   Network-Based Mobility Extensions WG
2101   OPS   bmwg   Benchmarking Methodology WG
2103   OPS   dime   Diameter Maintenance and Extensions WG
205 ABC   RAI   rtcweb   Real-Time Communication in WEB-browsers WG
206 A   RTG   ccamp   Common Control and Measurement Plane WG
~~208 AB~~   ~~RTG~~   ~~rtgwg~~   ~~Routing Area Working Group WG~~
                                     - Moved TO Wednesday Afternoon Session II 1510-1610
208 AB   RTG   l2vpn   Layer 2 Virtual Private Networks WG
                                     - Moved FROM Wednesday Afternoon Session II 1510-1610
206 B   SEC   saag   Security Area Open Meeting

1500-1520 Afternoon Beverage I - 2000 BC
1520-1720 Afternoon Session II
~~206 B~~   ~~APP~~   ~~apparea~~   ~~Applications Area Open Meeting   - Combined with APPSAWG~~
~~206 B~~   ~~APP~~   ~~appsawg~~   ~~Applications Area Working Group WG - Combined with APPAREA~~
                                     - Moved TO Monday Morning Session I 0900-1130
2103   INT   tictoc   Timing over IP Connection and Transfer of Clock WG
205 ABC   OPS   v6ops   IPv6 Operations WG
2101   RAI   siprec   SIP Recording WG
206 A   RTG   ospf   Open Shortest Path First IGP WG
202   RTG   pce   Path Computation Element WG
204 B   SEC   hokey   Handover Keying WG
208 AB   SEC   tls   Transport Layer Security WG

1720-1740 Afternoon Beverage and Snack Break II - 2000 BC
1740-1940 Afternoon Session III
202   APP   hybi   BiDirectional or Server-Initiated HTTP WG
208 AB   INT   mif   Multiple Interfaces WG
2103   IRTF   samrg   Scalable Adaptive Multicast Research Group
204 B   OPS   eman   Energy Management WG
206 A   RAI   codec   Internet Wideband Audio Codec WG
205 ABC   RTG   rtgarea   Routing Area Open Meeting
2101   SEC   kitten   Common Authentication Technology Next Generation WG
206 B   TSV   cdni   Content Delivery Networks Interconnection WG

FRIDAY, July 29, 2011
0800-1100 IETF Registration - 2000 A
0800-0900 Continental Breakfast - 2000 BC
0900-1130 Morning Session I

~~2103~~	~~INT~~	~~ancp~~	~~Access Node Control Protocol WG~~ – Cancelled
208 AB	INT	lwig	Light-Weight Implementation Guidance WG
2101	IRTF	vnrg	Virtual Networks Research Group
205 ABC	OPS	armd	Address Resolution for Massive numbers of hosts in the Data center WG
206 A	RAI	mmusic	Multiparty Multimedia Session Control WG
202	RAI	p2psip	Peer-to-Peer Session Initiation Protocol WG
204 B	SEC	abfab	Application Bridging for Federated Access Beyond web WG
206 B	TSV	tsvwg	Transport Area Working Group WG

1130-1300 Break
1300-1400 Afternoon Session I

2103	APP	iri	Internationalized Resource Identifiers WG
205 ABC	OPS	v6ops	IPv6 Operations WG
204 B	RAI	atoca	Authority-to-Citizen Alert WG
202	RAI	vipr	Verification Involving PSTN Reachability WG
~~206 B~~	~~RTG~~	~~l2vpn~~	~~Layer 2 Virtual Private Networks WG~~ - Cancelled
208 AB	RTG	roll	Routing Over Low power and Lossy networks WG
206 A	SEC	dane	DNS-based Authentication of Named Entities WG
2101	TSV	rmt	Reliable Multicast Transport WG

1415-1515 Afternoon Session II

2103	APP	iri	Internationalized Resource Identifiers WG
205 ABC	OPS	v6ops	IPv6 Operations WG
204 B	RAI	simple	SIP for Instant Messaging and Presence Leveraging Extensions WG
2101	RAI	splices	looSely-couPLed sIp deviCES WG
208 AB	RTG	roll	Routing Over Low power and Lossy networks WG
206 A	SEC	dane	DNS-based Authentication of Named Entities WG

Thank You to IETF 81 Host and Sponsors

Host

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Next Meeting: IETF 82

IETF 82 – Taipei, Taiwan
November 13-18, 2011

Hosted by

www.twnic.net.tw

Interested in Hosting an IETF?

The IAOC makes decisions about IETF meeting location and venue based on a number of factors, including host preferences, the availability of sponsors, availability and pricing of venues, and more. If you have an idea for a meeting location, or are interested in sponsoring a meeting, please contact Drew Dvorshak at dvorshak@isoc.org.

Important Dates for IETF 82

Week of 2011-08-15:	IETF Online Registration opens.
2011-08-15:	Working Group and BOF scheduling begins.
2011-09-26:	Cutoff date for requests to schedule Working Group meetings at 17:00 PT (00:00 UTC).
2011- 10-03:	Cutoff date for BOF proposal requests to Area Directors at 17:00 PT (00:00 UTC).
2011-10-06:	Cutoff date for Area Directors to approve BOFs at 17:00 PT (00:00 UTC).
2011-10-13:	Preliminary agenda published for comment.
2011-10-17:	Cutoff date for requests to reschedule Working Group and BOF meetings 17:00 PT (00:00 UTC).
2011-10-17:	Working Group Chair approval for initial document (Version -00) submissions appreciated by 17:00 PT (00:00 UTC).
2011-10-21:	Final agenda to be published.
2011-10-24:	Internet Draft Cut-off for initial document (-00) submission by 17:00 PT (00:00 UTC).
2011-10-31:	Internet Draft final submission cut-off by 17:00 PT (00:00 UTC).
2011-11-02:	Draft Working Group agendas due by 17:00 PT (00:00 UTC).
2011-11-04:	Early Bird registration and payment cut-off at 17:00 PT (00:00 UTC).
2011-11-07:	Revised Working Group agendas due by 17:00 PT (00:00 UTC).
2011-11-07:	Registration cancellation cut-off at 17:00 PT (00:00 UTC).
2011-11-11:	Final Pre-Registration and Pre-Payment cut-off at 17:00 local meeting time.
2011-11-13 - 2011-11-18: 82nd IETF Meeting in Taipei, Taiwan	
2011-12-16:	Proceedings submission cutoff date by 17:00 PT (00:00 UTC).
2012-01-05:	Proceedings submission corrections cutoff date by 17:00 PT (00:00 UTC).