

IETF Tools Tutorial

IETF 84

Vancouver, Canada

29 July 2012

Henrik Levkowetz

Alice Russo

Overview of this tutorial

- 1) 3 URLs for 3 service groups
- 2) Document search, display, and print tools
- 3) Draft preparation tools
- 4) Working group tools
- 5) IESG related pages
- 6) IETF meeting related tools
- 7) Notification services
- 8) Tool-builder tools
- 9) Questions

3 URLs for 3 service groups

At this time, the information needed by an IETF participant is spread out over 3 different URLs:

- www.ietf.org
- datatracker.ietf.org
- tools.ietf.org

When this tools tutorial was given last time, at IETF-69, it was quite focused on tools.ietf.org. Since then, we've managed to build equivalents of a number of the pages there into the [datatracker](http://datatracker.ietf.org), and will be showing you links to both the [datatracker](http://datatracker.ietf.org) and [tools](http://tools.ietf.org) site pages where both are available.

Migration of tools

With time, we expect mature services to move from tools.ietf.org to datatracker.ietf.org, and with the improved database schema in place (since March this year) more and more new services will be built directly on datatracker.tools.ietf.org. Since tools.ietf.org is still more agile than datatracker.ietf.org, some experimental tools will still appear there first, and then move to the datatracker if people find them valuable.

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The Internet Engineering Task Force (IETF)

The goal of the IETF is to make the Internet work better.

The mission of the IETF is to make the Internet work better by producing high quality, relevant technical documents that influence the way people design, use, and manage the Internet. Newcomers to the IETF should [start here](#).

News

- [IETF Daily Dose](#)
- [IETF Email List Archiving RFI](#)
- [IETF Meeting Agenda Creation Tool RFI](#)
- [IETF Journal \(March 2012\)](#)

Next Meeting: IETF 84, July 29-August 3, 2012

[Vancouver, BC, Canada](#)
Host: [Google](#)

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- [IETF 84 Agenda](#)

**Email Archives Quick Search**

IETF Discussion:

IETF-Announce:

I-D-Announce:

IPR-Announce:

Previous Meeting: IETF 83, Paris, France

- [IETF 83, Paris, France](#)
- [IETF 83 Proceedings](#)
- [Audio Archives](#)

Internet-Drafts and RFCs Quick Search**Related Web Pages**

[IASA and IAOC](#) | [IAB](#) | [RFC Editor](#) | [IANA](#) | [IRTF](#) | [IETF Trust](#) | [ISOC](#)
[ISOC Fellowship to the IETF Program](#)

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IETF Datatracker

Search Internet-Drafts and RFCs

Name/number/title:

Types:

- RFCs
 Internet-Drafts (active)
 Internet-Drafts (expired/replaced/withdrawn)

 Advanced

The IETF Datatracker is the IETF's web system for managing information about:

- [Internet-Drafts and RFCs](#)
- [IPR disclosures](#)
- [Liaison statements](#)
- [Meeting agenda](#) and [session agendas/slides/minutes](#)
- [IESG telechat agenda](#)



IETF Tools

IETF-related tools, standalone or hosted on tools.ietf.org.

(Tools hosted by the secretariat are listed at <http://www.ietf.org/tools>).

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Prepare documents

[Edit IDs in .nroff with wysiwyg display](#)

Stefan Santesson

NroffEdit is a Java application for writing and editing Internet Draft files using the nroff format. This application lets you load any I-D nroff file, which will be shown processed in the right-hand window, and can be edited in the left-hand window.

[Write RFCs using wiki-style markup \('markdown'\)](#)

Miek Gieben

Pandoc2rfc uses Pandoc in combination with Make and XSLT scripting to produce internet-drafts in XML format from plain text input. The plain text only needs a few formatting conventions, more or less like wiki markup.

[Draft Submission](#)

Secretariat Services

The New Internet Draft Submission Tool replaces the older Draft Submission Tool and the even older email submission workflow, and lets an author submit a new or updated draft through a webpage, and have it appear in the archives immediately.

[Draft HTML and PDF from XML source](#)

Julian Reschke

A set of XSLT transformations that can be used to transform RFC2629-compliant XML (see [RFC 2629](#)) to



Search, show and print documents

[PDF Conversions of drafts and RFCs](#)

Henrik Levkowetz

This repository provides PDF conversions of drafts and RFCs, which can be very helpful in order to print these documents.

[Retrieve IETF Documents from the search bar](#)

Sean Leonard

This adds an IETF document retrieval search provider to the Firefox (v2+) or IE (v7+)

[Download the latest documents](#)

Rsync access to various document archives:

- Unpurged IETF drafts repository:

To list, do:

```
rsync rsync.tools.ietf.org::tools.id
```

To sync, do:

```
rsync -  
avz rsync.tools.ietf.org::tools.id ./id
```

- Currently available htmlized drafts and RFCs:

To list, do:

```
rsync rsync.tools.ietf.org::tools.html
```

To sync, do:

```
rsync -  
avz rsync.tools.ietf.org::tools.html ./html
```

- For a full list of the various rsync sources at

[tools.ietf.org](#), do

```
rsync rsync.tools.ietf.org::
```

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Document search, display, and print tools

This covers tools for:

- retrieval of current and old documents based on part of the filename, or on content;
- various ways to view the documents (plain text, HTML, PDF, diffs);
- print them nicely, and
- get more information about their status.

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IETF Documents

Retrieve a document (with HTML markup):

RFC number, draft name
(full or partial) or URL:

Use Google to search drafts and RFCs:



New RFCs in the repository during the last 14 days:



(Full index pages to htmlized RFCs are available, too: [traditional](#), [mini](#), [2-column](#).)

- [rfc6627](#) Overview of Pre-Congestion Notification Encoding.
G. Karagiannis, K. Chan, T. Moncaster, M. Menth, P. Eardley, B. Briscoe. July 2012. (Format: TXT=47274 bytes) (Status: INFORMATIONAL)
- [rfc6655](#) AES-CCM Cipher Suites for Transport Layer Security (TLS).
D. McGrew, D. Bailey. July 2012.
(Format: TXT=17052 bytes) (Status: PROPOSED STANDARD)
- [rfc6656](#) Description of Cisco Systems' Subnet Allocation Option for DHCPv4.
R. Johnson, K. Kinnear, M. Stapp. July 2012.
(Format: TXT=54971 bytes) (Status: INFORMATIONAL)
- [rfc6658](#) Packet Pseudowire Encapsulation over an MPLS PSN.
S. Bryant, Ed., L. Martini, G. Swallow, A. Malis. July 2012.
(Format: TXT=32164 bytes) (Status: PROPOSED STANDARD)
- [rfc6660](#) Encoding Three Pre-Congestion Notification (PCN) States in the IP Header Using a Single Diffserv Codepoint (DSCP).
B. Briscoe, T. Moncaster, M. Menth. July 2012.
(Format: TXT=52230 bytes) (Obsoletes [RFC5696](#)) (Status: PROPOSED STANDARD)
- [rfc6661](#) Pre-Congestion Notification (PCN) Boundary-Node Behavior for the Controlled Load (CL) Mode of Operation.
A. Charny, F. Huang, G. Karagiannis, M. Menth, T. Taylor, Ed.. July 2012.
(Format: TXT=72258 bytes) (Status: EXPERIMENTAL)

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[\[Docs\]](#) [\[txt|pdf\]](#) [\[draft-ietf-ipsec-...\]](#) [\[Diff1\]](#) [\[Diff2\]](#)

PROPOSED STANDARD

Network Working Group
Request for Comments: 3456
Category: Standards Track

B. Patel
Intel Corp
B. Aboba
Microsoft
S. Kelly
Airespace
V. Gupta
Sun Microsystems, Inc.
January 2003

Dynamic Host Configuration Protocol (DHCPv4) Configuration of IPsec Tunnel Mode

Status of this Memo

This document specifies an Internet standards track protocol for the Internet community, and requests discussion and suggestions for improvements. Please refer to the current edition of the "Internet Official Protocol Standards" (STD 1) for the standardization state and status of this protocol. Distribution of this memo is unlimited.

Copyright Notice

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Abstract

This memo explores the requirements for host configuration in IPsec tunnel mode, and describes how the Dynamic Host Configuration Protocol (DHCPv4) may be leveraged for configuration. In many remote access scenarios, a mechanism for making the remote host appear to be present on the local corporate network is quite useful. This may be accomplished by assigning the host a "virtual" address from the corporate network, and then tunneling traffic via IPsec from the host's ISP-assigned address to the corporate security gateway. In



Internet-Draft Archive

[more about this prototype...](#)

The document name you specified, "*draft.*-dhc-*", matched multiple documents:

(There were 347 matches, and the list has been truncated. But if you want, you can [see them all](#).)

[sort by date](#) [sort by name](#)

21 Nov 2001	draft-aboba-dhc-domsearch	txt pdf
15 Mar 2000	draft-aboba-dhc-mdns-conf	txt pdf
01 Oct 2001	draft-aboba-dhc-mini	txt pdf
18 Jun 2003	draft-aboba-dhc-nad-ipv4	txt pdf
03 Jun 2005	draft-achanta-dhc-ap-options	txt pdf
01 Mar 2001	draft-aiello-dhc-appliance-class	txt pdf
30 Sep 2010	draft-asati-dhc-relay-agent-config	txt pdf
06 Nov 2002	draft-bakke-dhc-snmp-trap	txt pdf
30 May 2010	draft-baldwin-dhc-softwire-anycast-dhcp	txt pdf
09 Jul 2012	draft-bhandari-dhc-access-network-identifier	txt pdf xml
16 Jul 2012	draft-bhandari-dhc-class-based-prefix	txt pdf xml html
17 Jun 2011	draft-bi-dhc-opextensions	txt pdf
16 Jul 2012	draft-bi-dhc-sec-option	txt pdf
27 May 2005	draft-blatherwick-dhc-mitel-site-options-usage	txt pdf
30 Oct 2008	draft-boucadair-dhc-port-range	txt pdf
19 Jun 2006	draft-brzozowski-dhc-dhcpv6-leasequery	txt pdf
17 Jun 2004	draft-cadar-dhc-dhcpv6-opt-email	txt pdf
21 Dec 2004	draft-cadar-dhc-dhcpv6-opt-smtp	txt pdf
10 Feb 2004	draft-cadar-dhc-dhcpv6-v4options	txt pdf
17 Jun 2004	draft-cadar-dhc-opt-imap	txt pdf
25 Apr 2007	draft-calhoun-dhc-capwap-ac-option	txt pdf
09 Jul 2012	draft-cao-dhc-anqp-option	txt pdf
19 Aug 2004	draft-chowdhury-dhc-bcmcv4-option	txt pdf
19 Aug 2004	draft-chowdhury-dhc-bcmcv6-option	txt pdf
18 Oct 2004	draft-chowdhury-dhc-mip6-agenton	txt pdf

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PDF conversion of IETF documents

PDF conversion of IETF documents is provided here.

Any rfc, std, fyi, bcp or draft document is available converted to PDF here, by simply forming a URL consisting of <http://tools.ietf.org/pdf/> followed by the document name, with a .pdf extension.

Examples:

<http://tools.ietf.org/pdf/rfc2549.pdf>

<http://tools.ietf.org/pdf/draft-ietf-mobike-protocol-06.pdf>

<http://tools.ietf.org/pdf/std1.pdf>

<http://tools.ietf.org/pdf/fyi36.pdf>

<http://tools.ietf.org/pdf/bcp100.pdf>

Alternatively, you can enter an rfc number or draft name in the form below, and submit in order to get a pdf version of the rfc or draft:

Document:

Strictly speaking, a .pdf extension is not necessary, but if you use it, it makes the caching work better. The document is then retrieved directly if it has already been converted, and no script invocation occurs.

The conversion is done by a tiny script which is kicked into action if the requested PDF doesn't already exist. (In other words, an [Apache 404 ErrorDocument](#) script). It takes the document name (rfc, bcp, draft, or whatever) and figures out from the first part of the name where it should look for the original text document. Once it has the text file, it does a text to pdf conversion using a couple of handy standard utility programs: [enscript](#) and [Ghostscript](#)'s ps2pdf. The invocation looks like this (\$path, \$file and \$base are variables which have been set earlier in the script):

```
cat $path/$file | fixff | enscript --margins 76::76: -B -q -p $base.ps
ps2pdf $base.ps $base.pdf
```

Here `fixff` is a small `awk` script which fixes up the form feeds, to make the page breaks come out right - not all drafts have

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[Adslmib](#)

[Alto](#)

[Ancp](#)

[Appsawg](#)

Document search, display, and print (continued)

Ebook files

Tero Kivinen is generating ebook compilations of RFCs and drafts daily, in .mobi and .epub formats:

- rfc.mobi - All RFCs in single .mobi (kindle) file
- rfc.epub - All RFCs in single .epub file
- area.*.* - I-Ds, related I-Ds, WG RFCs for all WGs in area
- i-d.*.* - I-Ds, related I-Ds, WG RFCs for a WG



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Name	Last modified	Size
rfc.mobi	22-Jul-2012 15:54	262M
area.rtg.epub	22-Jul-2012 01:48	11M
area.rtg.mobi	22-Jul-2012 01:47	34M
area.int.epub	22-Jul-2012 01:09	5.6M
area.int.mobi	22-Jul-2012 01:09	16M
area.ops.epub	22-Jul-2012 01:07	3.9M
area.ops.mobi	22-Jul-2012 01:07	11M
area.rai.epub	22-Jul-2012 01:06	4.1M
area.rai.mobi	22-Jul-2012 01:06	12M
area.sec.epub	22-Jul-2012 01:03	2.5M
area.tsv.epub	22-Jul-2012 01:03	2.6M
area.sec.mobi	22-Jul-2012 01:03	7.2M
area.tsv.mobi	22-Jul-2012 01:03	7.7M
area.app.epub	22-Jul-2012 01:03	2.1M
area.app.mobi	22-Jul-2012 01:03	5.9M
area.iesg.epub	22-Jul-2012 01:00	48K
i-d.sidr.mobi	22-Jul-2012 01:00	927K
i-d.sidr.epub	22-Jul-2012 01:00	455K
i-d.rtgwg.epub	22-Jul-2012 00:56	413K
i-d.rtgwg.mobi	22-Jul-2012 00:56	864K
i-d.roll.epub	22-Jul-2012 00:52	475K
i-d.roll.mobi	22-Jul-2012 00:52	1.0M
i-d.pwe3.epub	22-Jul-2012 00:47	947K
i-d.pwe3.mobi	22-Jul-2012 00:47	1.9M
i-d.pim.mobi	22-Jul-2012 00:40	880K
i-d.pim.epub	22-Jul-2012 00:40	397K
i-d.pce.epub	22-Jul-2012 00:36	828K

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IETF Areas

This page provides information about active working groups.

For a list of concluded working groups, see the [Concluded Working Groups Page](#).

[Applications Area \(app\)](#)

Area Directors:

[Barry Leiba](#) [Pete Resnick](#)

Document collections:

[epub](#) [mobi](#)

Working Groups:

2010-Oct-26	appsawg	Murray Kucherawy , Salvatore Loreto	Applications Area Working Group
2010-Mar-10	core	Carsten Bormann , Cullen Jennings	Constrained RESTful Environments
2006-Mar-17	eai	John Klensin , Joseph Yee	Email Address Internationalization
2007-Oct-23	httpbis	Mark Nottingham	Hypertext Transfer Protocol Bis
2010-Jan-26	hybi	Salvatore Loreto , Gabriel Montenegro	BiDirectional or Server-Initiated HTTP
2012-Jul-17	imapmove	Ned Freed , Alexey Melnikov	IMAP MOVE extension
2010-Jan-26	iri	Peter Saint-Andre , Chris Weber	Internationalized Resource Identifiers
2011-Jun-14	paws	Gabor Bajko , Brian Rosen	Protocol to Access WS database
2010-Jun-11	precis	Marc Blanchet , Yoshiro Yoneya	Preparation and Comparison of Internationalized Strings
2011-Nov-07	repute	Dave Crocker , Chris Lewis	Reputation Services

Document search, display, and print (continued)

Options for getting RFCs in bulk from www.rfc-editor.org (in text or PDF):

- rsync to maintain a directory of RFCs
- get tarballs of RFCs

How to use rsync to download documents from the RFC Editor Repository

[1] To get the list of modules available

type `'rsync ftp.rfc-editor.org:'`

This will return a results like following

(Module Names)	(Comments)
<code>everything-ftp</code>	<code>Everything FTP</code>
<code>rfcs</code>	<code>Contents of in-notes/ and subdirectories bcp/, fyi/, ien/, and std/</code>
<code>rfcs-text-only</code>	<code>Text files from [rfcs]</code>
<code>rfc-ed-all</code>	<code>Entire repository (excluding internet-drafts)</code>
<code>internet-drafts</code>	<code>Internet Drafts</code>
<code>ids-text-only</code>	<code>Text files from [Internet Drafts]</code>
<code>rfcs-pdf-only</code>	<code>PDF versions of ASCII RFCs to ensure correct page breaks, etc</code>

[2] To create a mirror using a module

Type `'rsync -avz --delete ftp.rfc-editor.org::Module-Name Target-Directory'`

Ex) To create a mirror of the text versions of all the RFCs, i.e.,

```
in-notes/*.txt
in-notes/bcp/*.txt
in-notes/fyi/*.txt
in-notes/ien/*.txt
```

Downloading RFC Collections

- **Download/Update collection using rsync**

The RFC Editor supports the **rsync** program, which can efficiently maintain a local copy of various subsets of the RFC Editor's repository in sync with the official copy. The [How-To document](#) explains how to specify the desired subset of the repository, using a template called a *module* by **rsync**.

- **Download Collections using FTP**

You can download the entire collection of RFCs or various subsets, in either `.tar.gz` format for Unix systems or `.zip` format for Windows. Pay attention to the approximate sizes shown: some of these are BIG files.

- Entire RFC Collection: [.tar.gz](#) or [Zipped](#) format. variable; over 130MB. (These files are updated once per week)
- RFCs 1-500: [.tar.gz](#) or [Zipped](#) format. 7MB.
- RFCs 501-1000: [.tar.gz](#) or [Zipped](#) format. 8MB.
- RFCs 1001-1500: [.tar.gz](#) or [Zipped](#) format. 14MB.
- RFCs 1501-2000: [.tar.gz](#) or [Zipped](#) format. 8MB.
- RFCs 2001-2500: [.tar.gz](#) or [Zipped](#) format. 8MB.
- RFCs 2501-3000: [.tar.gz](#) or [Zipped](#) format. 10MB.
- RFCs 3001-3500: [.tar.gz](#) or [Zipped](#) format. 7MB.
- RFCs 3501-4000: [.tar.gz](#) or [Zipped](#) format. 9MB.
- RFCs 4001-4500: [.tar.gz](#) or [Zipped](#) format. 7MB.

IETF Tools Tutorial

- 1) 3 URLs for 3 service groups
- 2) Document search, display, and print tools
- 3) **Draft preparation tools**
- 4) Working group tools
- 5) IESG related pages
- 6) IETF meeting related tools
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Draft preparation tools

When writing an I-D, choose a formatting tool.

xml2rfc and Nroff Edit are covered in more detail in the [Tools for Creating I-Ds tutorial](#).

The options

	NroffEdit	xml2rfc	Word template
Source file	nroff	XML	.doc or .docx
Web site / RFC	http://aaa-sec.com/nroffedit	http://xml.resource.org	RFC 5385
Run locally	Yes	Yes or online	Yes
Template for I-D	Yes (auto updated)	Yes (multiple)	2-Word- v2.0.template.dot
Automated	Yes	Yes	No

xml2rfc

A handy little tool, **xml2rfc**, will allow you to take your XML source (using the format defined in [RFC 2629](#) and its [unofficial successor](#)) and see how the results look like in the original ASCII look-and-feel or the new modern HTML rendition of that look-and-feel.

Conversion

1. Download **xml2rfc** as a [zip](#) or [tgz](#) file, or
2. Try your results in this handy converter form:

Convert Your XML Source

Input file Nessun file selezionato

Output format

Text: plaintext ... unpaginated PDF

Web page: HTML PDF ePub

Other: nroff expanded XML

Options

Checking Strict Fast

Output result Use frames to show Warnings & Errors Window File

Living on the edge?

Here is the current [development](#) release.

March 2011 release

Version **1.36** is available. Here's the [README](#) file.

Major new xml2rfc features include:

- Generate proper boilerplate for RFC generation ([RFC 5741](#)). (Also see the RFC Editor's [status-memos](#) page.)

AAA-sec.com

Your Triple-A Security Resource

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Translations of this page ([Ukranian](#))

WYSIWYG Internet-Draft Nroff Editor

[Latest version 2.08 - Released May 23, 2011 - Free Download](#)

Now including on-line integration with the IETF Tools diff check. Check your draft against the latest published draft in the IETF repository on the push of a single button. Generate permanent diff links for distribution and comments.

Now including automated RFC reference generation and automated version control. Now also provides font style and size configuration

Internet-Drafts are working documents of the [Internet Engineering Task Force](#) standards processes to create RFC documents.

Nroff Edit is a Java based WYSIWYG editor for writing and editing Internet-Drafts using the common Nroff format. The Nroff based Internet-Draft file is edited in the left window while the resulting compiled text version is instantly shown in the right Window as a result of any edit changes.

Draft preparation tools (continued)

Once you've written your draft, you can check idnits, create diff files, and run spell-check.



Idnits Tool

Check internet-drafts for submission nits

Version: 2.12.13

Author: [Henrik Levkowetz](#)

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Check a draft for nits:

verbose output (adds additional information to some error and warning messages)

only do submission checks

copyright year (if different from current)

Scegli file

Nessun file selezionato

Check file

Latest update: 2012-01-10 16:18 CET - webmaster@tools.ietf.org

idnits 2.12.13

tmp/draft-ietf-httpbis-content-disp-09.txt:

(Attempted to download draft-reschke-rfc2183-in-http-issues state...
- Failure fetching the file, proceeding without it.)

Checking boilerplate required by RFC 5378 and the IETF Trust (see
<http://trustee.ietf.org/license-info>):

No issues found here.

Checking nits according to <http://www.ietf.org/id-info/lid-guidelines.txt>:

No issues found here.

Checking nits according to <http://www.ietf.org/id-info/checklist> :

-- The draft header indicates that this document updates RFC2616, but the
abstract doesn't seem to directly say this. It does mention RFC2616
though, so this could be OK.

Miscellaneous warnings:

== The copyright year in the IETF Trust and authors Copyright Line does not
match the current year

-- The document date (March 28, 2011) is 489 days in the past. Is this
intentional?

Checking references for intended status: Proposed Standard

(See RFCs 3967 and 4897 for information about using normative references
to lower-maturity documents in RFCs)



Rfcdiff Tool

Version: 0.11

Author: [Henrik Levkowetz](#)

Rfcdiff Web Service

File 1 - Upload file: Nessun file selezionato
or enter URL or draft name:

File 2 - Upload file: Nessun file selezionato
or enter URL or draft name:

Output format:

- Side-by-side diff
- Before-after diff
- Changebars
- Html wdiff

Html Wdiff Options:

Colour of old text:

Colour of new text:

Larger diff text:

Column width:

You can also use this web-service with an URL query-string of the form:

```
http://tools.ietf.org//rfcdiff?url1=http-url-to-doc-1&url2=http-url-to-doc-2
```

which makes it possible to send around links to diffs between document versions without actually generating the diff yourself, as long as the two document versions are available by http.

Example (yes, it is long - no way to get around that... - but you could use tinyurl.com to get a short alias to one of

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Rfcdiff Tool

Author: [Henrik Levkowetz](#)File 1 - Upload file: Nessun file selezionatoor enter URL: File 2 - Upload file: Nessun file selezionatoor enter URL: Output format: Side-by-side diff
 Before-after diff
 Changebars
 Html wdiffColumn width: Color of old text: Color of new text: Larger diff text:

You can also use this web service with an URL query string of the form:

[< draft-ietf-httpbis-content-disp-08.txt](#)[draft-ietf-httpbis-content-disp-09.txt >](#)

HTTPbis Working Group
Internet-Draft
Updates: 2616 (if approved) March 14, 2011
Intended status: Standards Track
Expires: September 15, 2011

J. Reschke
greenbytes

Use of the Content-Disposition Header Field in the
Hypertext Transfer Protocol (HTTP)

[draft-ietf-httpbis-content-disp-08](#)

Abstract

RFC 2616 defines the Content-Disposition response header field, but points out that it is not part of the HTTP/1.1 Standard. This specification takes over the definition and registration of Content-Disposition, as used in HTTP, and clarifies internationalization aspects.

Editorial Note (To be removed by RFC Editor before publication)

skipping to change at *page 1, line 34*

Disposition in the HTTP/1.1 specification, as currently revised by the IETF HTTPbis working group. See also <http://trac.tools.ietf.org/wg/httpbis/trac/ticket/123>.

Discussion of this draft should take place on the HTTPBIS working group mailing list (ietf-http-wg@w3.org). The current issues list is at <http://trac.tools.ietf.org/wg/httpbis/trac/query?component=content-disp> and related documents (including fancy diffs) can be found at <http://tools.ietf.org/wg/httpbis/>.

The changes in this draft are summarized in Appendix E.12.

Status of This Memo

This Internet-Draft is submitted in full conformance with the provisions of BCP 78 and BCP 79.

Internet-Drafts are working documents of the Internet Engineering Task Force (IETF). Note that other groups may also distribute working documents as Internet-Drafts. The list of current Internet-Drafts is at <http://datatracker.ietf.org/drafts/current/>.

HTTPbis Working Group
Internet-Draft
Updates: 2616 (if approved) March 28, 2011
Intended status: Standards Track
Expires: September 29, 2011

J. Reschke
greenbytes

Use of the Content-Disposition Header Field in the
Hypertext Transfer Protocol (HTTP)

[draft-ietf-httpbis-content-disp-09](#)

Abstract

RFC 2616 defines the Content-Disposition response header field, but points out that it is not part of the HTTP/1.1 Standard. This specification takes over the definition and registration of Content-Disposition, as used in HTTP, and clarifies internationalization aspects.

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Discussion of this draft should take place on the HTTPBIS working group mailing list (ietf-http-wg@w3.org). The current issues list is at <http://trac.tools.ietf.org/wg/httpbis/trac/query?component=content-disp> and related documents (including fancy diffs) can be found at <http://tools.ietf.org/wg/httpbis/>.

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Idspell Tool

Version: 0.11

Author: [Henrik Levkowitz](#)

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Webservice

Check a draft for spelling errors:

Nessun file selezionato

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Verification Tools

If your I-D contains...

- a YANG module or MIB module, please see <http://www.ops.ietf.org>.
- ABNF syntax, there are various parsers available.

FYI, if your I-D is approved for publication as an RFC, the RFC Editor will use these tools and contact you regarding errors:

- ABNF: Bill's ABNF parser (<http://tools.ietf.org/tools/bap/abnf.cgi>)
- XML: xmllint
- MIB module: SMICng
- YANG module: pyang

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- 9) Questions

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Document	Title	Date	Status	IPR	Area Dir
Active Internet-Drafts					
draft-ietf-httpbis-authscheme-registrations-03	Initial Hypertext Transfer Protocol (HTTP) Authentication Scheme Registrations	2012-02-20	AD is watching ⊕ WG Document		Barry Lei
draft-ietf-httpbis-method-registrations-09	Initial Hypertext Transfer Protocol (HTTP) Method Registrations	2012-07-16 new	AD is watching ⊕ WG Document		Barry Lei
draft-ietf-httpbis-p1-messaging-20	HTTP/1.1, part 1: Message Routing and Syntax"	2012-07-16 new	AD is watching ⊕ WG Document		Barry Lei
draft-ietf-httpbis-p2-semantic-20	HTTP/1.1, part 2: Semantics and Payloads	2012-07-16 new	AD is watching ⊕ WG Document		Barry Lei
draft-ietf-httpbis-p3-payload-20	HTTP/1.1, part 3: Message Payload and Content Negotiation	2012-07-16 new	AD is watching ⊕ WG Document		Barry Lei
draft-ietf-httpbis-p4-conditional-20	HTTP/1.1, part 4: Conditional Requests	2012-07-16 new	AD is watching ⊕ WG Document		Barry Lei
draft-ietf-httpbis-p5-range-20	HTTP/1.1, part 5: Range Requests	2012-07-16 new	AD is watching ⊕ WG Document		Barry Lei
draft-ietf-httpbis-p6-cache-20	HTTP/1.1, part 6: Caching	2012-07-16 new	AD is watching ⊕ WG Document		Barry Lei
draft-ietf-httpbis-p7-auth-20	HTTP/1.1, part 7: Authentication	2012-07-16 new	AD is watching ⊕ WG Document	1	Barry Lei

RFCs

RFC 6266 (draft-ietf-httpbis-content-disp)	Use of the Content-Disposition Header Field in the Hypertext Transfer Protocol (HTTP)	2011-06	RFC 6266 (Proposed Standard)		Alexey M
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Related Documents	Title	Date	Status	IPR	Area Dir
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Use of the Content-Disposition Header Field in the Hypertext Transfer Protocol (HTTP)

draft-ietf-httpbis-content-disp-09

[Document](#)[IESG Evaluation Record](#)[IESG Writeups](#)[History](#)**RFC**

Document Stream: IETF
Last updated: 2011-03-28
Replaces: [draft-reschke-rfc2183-in-http](#)
Intended RFC status: Proposed Standard
Other versions: (expired, archived): [plain text](#), [pdf](#), [html](#)

IETF State: WG Document (httpbis)
Document shepherd:

[IESG State:](#) [RFC 6266](#)
Responsible AD: Alexey Melnikov
IESG Note: Mark Nottingham (HTTPBIS chair) is the document shepherd
Send notices to: httpbis-chairs@tools.ietf.org, draft-ietf-httpbis-content-disp@tools.ietf.org

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This Internet-Draft is no longer active. Unofficial copies of old Internet-Drafts can be found here:
<http://tools.ietf.org/id/draft-ietf-httpbis-content-disp>.

Abstract:

RFC 2616 defines the Content-Disposition response header field, but points out that it is not part of the HTTP/1.1 Standard. This specification takes over the definition and registration of Content-Disposition, as used in HTTP, and clarifies internationalization aspects.

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Use of the Content-Disposition Header Field in the Hypertext Transfer Protocol (HTTP)

draft-ietf-httpbis-content-disp-09

[Document](#)[IESG Evaluation Record](#)[IESG Writeups](#)[History](#)**Diffs**

From: Format:

To:

Document history

Date	Version	By	Text
2011-06-06	09	Cindy Morgan	State changed to RFC Published from RFC Ed Queue.
2011-06-06	09	(System)	RFC published
2011-03-28	09	Cindy Morgan	State changed to RFC Ed Queue from Approved-announcement sent.
2011-03-28	09	Cindy Morgan	IESG has approved and state has been changed to Approved-announcement sent
2011-03-28	09	Cindy Morgan	Closed "Approve" ballot
2011-03-28	09	Cindy Morgan	Approval announcement text regenerated
2011-03-28	09	Alexey Melnikov	Ballot writeup text changed
2011-03-28	09	(System)	New version available: draft-ietf-httpbis-content-disp-09 (diff from -08)
2011-03-25	08	Sean Turner	[Ballot Position Update] Position for Sean Turner has been changed to No Objection from Discuss
2011-03-18	08	David Harrington	[Ballot comment] I cleared
2011-03-18	08	David Harrington	[Ballot Position Update] Position for David Harrington has been changed to No Objection from Discuss
2011-03-17	08	Cindy Morgan	Removed from agenda for telechat
2011-03-17	08	Cindy Morgan	State changed to IESG Evaluation::AD Followup from IESG Evaluation.

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Use of the Content-Disposition Header Field in the Hypertext Transfer Protocol (HTTP)

RFC 6266

[Document](#)[IESG Evaluation Record](#)[IESG Writeups](#)[History](#) **Yes**

[Alexey Melnikov]

[Peter Saint-Andre]

(was Discuss)

 No Objection

Adrian Farrel

(was No Record)

Ralph Droms

Robert Sparks

Ronald Bonica

Russ Housley

Sean Turner

(was Discuss, No Objection, Discuss)

Stewart Bryant

(was Discuss)

[Dan Romascanu]

[David Harrington]

(was Discuss)

[Jari Arkko]

 No Record

Barry Leiba

Benoit Claise

Brian Haberman

Gonzalo Camarillo

Martin Stiemering

Pete Resnick

Stephen Farrell

Wesley Eddy

Note: This ballot was opened for revision 06 and is now closed.

Summary: *Needs a YES. Needs 3 more positions.*

Adrian Farrel

Comment (2011-03-16)

I have no objection to the publication of this document. There are a couple of small points that I think would benefit from attention first.

Section 2 says that BNF from RFC 2616 is used. Section 3 mentions "ABNF". Is this the same (in which case please use consistent terminology) or different (in which case please supply a reference for ABNF).

(See also Peter's Discuss

Section 4.3 contains a number of bullets. The first one uses RFC 2119 language to specify behavior, but the remaining bullets use apple-pie language. Do you need to upgrade all bullets to RFC 2119?

Robert Sparks

Comment (2011-03-14)

Consider adding "At the time of publication of this document, " to the front of the sentence starting with the purl.org URL at the end of Appendix D. Using a tool like purl.org helps make it easier to manage moving content around, but won't guarantee that that the content isn't a dangling reference or that it contains relative content in 20 years.

HTTPbis Working Group Agenda - IETF 84

Meeting chat: <xmpp:httpbis@jabber.ietf.org?join>

Minutes: <http://tools.ietf.org/wg/httpbis/minutes>

=====

TUESDAY, July 31, 2012

1300-1500 Afternoon Session I (Regency E)

Audio: <http://ietf84streaming.dnsalias.net/ietf/ietf847.m3u>

- * 1 min - Blue sheets / scribe selection
- * 4 min - Agenda bashing
- * 10 min - HTTP/1.1 draft -20 changes overview
- * 5 min - HTTP/1.1 status
- * 10 min - HTTP/1.1 p1 - p2 issues discussion
<http://trac.tools.ietf.org/wg/httpbis/trac/report/9>
- * 15 min - HTTP/1.1 p4 - p7 WGLC issues discussion
<http://trac.tools.ietf.org/wg/httpbis/trac/report/20>
- * 15 min - Summary of HTTP/2.0 Authentication expressions of interest
- * 45 min - Discussion of HTTP/2.0 Authentication proposals
- * 15 min - Related Work
draft-tbray-http-legally-restricted-status [Tim Bray]

=====

WEDNESDAY, August 1, 2012

1300-1500 Afternoon Session I (Regency F)

Audio: <http://ietf84streaming.dnsalias.net/ietf/ietf848.m3u>

- * 1 min - Blue sheets / scribe selection
- * 4 min - Agenda bashing
- * 15 min - Summary of HTTP/2.0 Protocol expressions of interest
- * 45 min - Discussion of HTTP/2.0 Protocol proposals
- * 45 min - Charter Discussion
- * 10 min - Wrap-up

=====

Recommended Reading for HTTP/1.x:

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Httpbis Status Pages

*Hypertext Transfer Protocol Bis (Active WG)**App Area: Barry Leiba, Pete Resnick | 2007-Oct-23 —**Chairs:*[Mark Nottingham](#) [Drafts](#) | [Agendas](#) | [Minutes](#) | [Wiki](#) | [Issues](#) | [Source](#) | [Charters](#) | [Jabber](#) [Room](#), [Logs](#) | [List Archive](#) | *Working Group Documents:**Document collections: [epub](#) [mobi](#)*

Draft name	Rev.	Dated	Status	Comments, Issues
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Httpbis Status Pages

Hypertext Transfer Protocol Bis (Active WG)

App Area: [Barry Leiba](#), [Pete Resnick](#) | 2007-Oct-23 —

Chairs:

[Mark Nottingham](#) 

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draft-ietf-httpbis-content-disp

Status: Published as [RFC 6266](#)

Issues:  0/17

Working documents:

2011-06-06 15:59	rfc6266.txt [txt/plain] [txt/pdf] [nits] [diff -from-09]
2011-03-28 07:12	draft-ietf-httpbis-content-disp-09.txt [txt/plain] [txt/pdf] [nits] [diff -from-08 , wdiff , txt]
2011-03-14 22:28	draft-ietf-httpbis-content-disp-08.txt [txt/plain] [txt/pdf] [nits] [diff -from-07 , wdiff , txt]
2011-03-14 12:52	draft-ietf-httpbis-content-disp-07.txt [txt/plain] [txt/pdf] [nits] [diff -from-06 , wdiff , txt]
2011-02-26 11:40	draft-ietf-httpbis-content-disp-06.txt [txt/plain] [txt/pdf] [nits] [diff -from-05 , wdiff , txt]
2011-02-17 11:02	draft-ietf-httpbis-content-disp-05.txt [txt/plain] [txt/pdf] [nits] [diff -from-04 , wdiff , txt]
2010-11-12 13:06	draft-ietf-httpbis-content-disp-04.txt [txt/plain] [txt/pdf] [nits] [diff -from-03 , wdiff , txt]
2010-10-	draft-ietf-httpbis-content-disp-03.txt [txt/plain] [txt/pdf] [nits] [diff -from-

Other

Httpbis drafts:

[-httpbis-method](#)

[-registrations](#)

[-httpbis-p7-auth](#)

[-httpbis-p6-cache](#)

[-httpbis-p5-range](#)

[-httpbis-p4-conditional](#)

[-httpbis-p3-payload](#)

[-httpbis-p2-semantics](#)

[-httpbis-p1-messaging](#)

[-httpbis-authscheme](#)

[-registrations](#)

[-httpbis-security](#)

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Httpbis Status Pages

Hypertext Transfer Protocol Bis (Active WG)

App Area: [Barry Leiba](#), [Pete Resnick](#) | 2007-Oct-23 —

Chairs:

[Mark Nottingham](#) 

[Drafts](#) | [Agendas](#) | [Minutes](#) | [Wiki](#) | [Issues](#) | [Source](#) | [Charters](#) | [Jabber](#) [Room](#), [Logs](#) | [List Archive](#) |

[agenda-69](#) [agenda-70](#) [agenda-72](#) [agenda-74](#) [agenda-75](#) [agenda-77](#) [agenda-78](#) [agenda-80](#) [agenda-81](#) [agenda-83](#) [agenda-84](#)

(Materials Upload)

IETF-84 httpbis agenda

Session 2012-07-31 1300-1500: Regency E - [Audio stream](#) - [httpbis chatroom](#)

Session 2012-08-01 1300-1500: Regency F - [Audio stream](#) - [httpbis chatroom](#)

Agenda

HTTPbis Working Group Agenda - IETF 84

Meeting chat: <xmpp:httpbis@jabber.ietf.org?join>

Minutes: <http://tools.ietf.org/wg/httpbis/minutes>

=====

TUESDAY, July 31, 2012

1300-1500 Afternoon Session I (Regency E)

Audio: <http://ietf84streaming.dnsalias.net/ietf/ietf847.m3u>

- * 1 min - Blue sheets / scribe selection
- * 4 min - Agenda bashing
- * 10 min - HTTP/1.1 draft -20 changes overview
- * 5 min - HTTP/1.1 status
- * 10 min - HTTP/1.1 p1 - p2 issues discussion
<http://trac.tools.ietf.org/wg/httpbis/trac/report/9>
- * 15 min - HTTP/1.1 p4 - p7 WGLC issues discussion
<http://trac.tools.ietf.org/wg/httpbis/trac/report/20>
- * 15 min - Summary of HTTP/2.0 Authentication expressions of interest

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Httpbis Status Pages

Hypertext Transfer Protocol Bis (Active WG)

App Area: [Barry Leiba](#), [Pete Resnick](#) | 2007-Oct-23 —

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[minutes-69](#) [minutes-70](#) [minutes-72](#) [minutes-74](#) [minutes-75](#) [minutes-77](#) [minutes-78](#) [minutes-80](#) [minutes-81](#) [minutes-83](#) ([Materials Upload](#))

IETF-84 httpbis minutes

There are no httpbis minutes from IETF-84 yet, but an interactive document which supports collaborative editing is provided below, for note-taking during the meeting. This will be replaced by the meeting minutes when they have been submitted.

You can open the document [without embedding](#) if you prefer that over the embedded version below.

B *I* U ~~S~~            1

```
1 |Welcome to Etherpad Lite!
2
3 |This pad text is synchronized as you type, so that
4 |everyone viewing this page sees the same text.
5 |This allows you to collaborate seamlessly on documents.
```


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httpbis

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{3} Active Tickets by Component (13 matches)

method-registrations (1 match)

Max items per page

Ticket	Summary	Type	Priority	Status	Created
#377	what is the idempotency of LINK and UNLINK?	design	normal	new	2012-07-23

non-specific (3 matches)

Ticket	Summary	Type	Priority	Status	Created
#234	Uniform terminology	editorial	normal	new	2010-07-24
#271	Review SHOULD-level requirements	editorial	normal	new	2011-02-08
#326	Ideas for stuff that could go into a Part 0	editorial	normal	new	2011-12-05

p1-messaging (2 matches)

Ticket	Summary	Type	Priority	Status	Created
#176	half-close because of pipelining	editorial	normal	new	2009-06-25
#339	Misc editorial feedback for consideration in p1	editorial	normal	new	2012-02-07

p2-semantic (5 matches)

Ticket	Summary	Type	Priority	Status	Created
#22	ETP (end-to-end principle) in...	editorial	normal	new	2007-10-22

Email aliases:

`<wg-acronym>-chairs@tools.ietf.org`

`<wg-acronym>-ads@tools.ietf.org`

For example:

`mip4-chairs@tools.ietf.org` goes to Henrik Levkowetz and Pete McCann

`mip4-ads@tools.ietf.org` goes to Brian Haberman and Ralph Droms

(and `int-ads@tools.ietf.org` would too)

IETF Tools Tutorial

- 1) 3 URLs for 3 service groups
- 2) Document search, display, and print tools
- 3) Draft preparation tools
- 4) Working group tools
- 5) **IESG related pages**
- 6) IETF meeting related tools
- 7) Notification services
- 8) Tool-builder tools
- 9) Questions

IESG-related pages

The IESG meets every 2 weeks to process documents, WG charters and other matters. The support pages they use are public:

- The IESG agenda
- Documents on future IESG agendas
- WG chartering tool

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IESG Agenda: 2012-08-16

See also: [Documents on Future IESG Telechat Agendas](#) and [IESG Discuss Positions](#).

1. Administrivia

1.1 Roll Call

1.2 Bash the Agenda

1.3 Approval of the Minutes of Past Telechats

1.4 List of Remaining Action Items from Last Telechat

OUTSTANDING TASKS

Last updated: July 23, 2012

- o Brian Haberman to propose plan to move RFC 5156 to Historic.
- o Sean Turner to review the Protocol Number Request [IANA #501375].

2. Protocol Actions

Reviews should focus on these questions: "Is this document a reasonable basis on which to build the salient part of the Internet infrastructure? If not, what changes would make it so?"

2.1 WG Submissions

2.1.1 New Items

[draft-ietf-ospf-prefix-hiding \[txt\]](#)

Hiding Transit-only Networks in OSPF (Proposed Standard)

Note: Acee Lindem (acee.lindem@ericsson.com) is the document shepherd.

IPR:

- [Cisco's Statement of IPR Related to draft-ietf-ospf-prefix-hiding-03](#)

Token: Stewart Bryant (rtg area)



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Documents on Future IESG Telechat Agendas

IESG telechat 2012-08-16

[Full IESG Agenda](#)[Download Documents](#)

2. Protocol Actions

2.1 WG Submissions

draft-ietf-ospf-prefix-hiding-05	Hiding Transit-only Networks in OSPF (13 pp)	IESG Evaluation (for 4 days) Intended status: Proposed Standard ⊕ WG Document		IPR:1	Stewart Bryant
draft-ietf-ospf-hybrid-bcast-and-p2mp-03	OSPF Hybrid Broadcast and P2MP Interface Type (16 pp)	IESG Evaluation (for 4 days) Intended status: Proposed Standard ⊕ WG Document			Stewart Bryant

2.2 Individual Submissions

draft-polk-local-emergency-rph-namespace-02	IANA Registering a SIP Resource Priority Header Field Namespace for Local Emergency Communications (8 pp)	IESG Evaluation (for 10 days) Intended status: Proposed Standard ⊕ IETF			Robert Sparks
draft-yegin-pana-encr-avp-03	Encrypting PANA AVPs (9 pp)	In Last Call (ends 2012-08-08) (for 18 days) Intended status: Proposed Standard ⊕ IETF			Ralph E. Droms

3. Document Actions

3.1 WG Submissions

3.2 Individual Submissions Via AD

3.3 IRTF and Independent Submission Stream Documents

3.3.3 For Action

draft-keranen-ipv6day-measurements-03	Some Measurements on World IPv6 Day	Publication Requested (for 0 days)			Russ Housley
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Chartering or Re-Chartering Working Groups

Groups with a charter in state *Informal IESG review*, *Internal review*, *External review*, or *IESG review*.

Group	Charter	Date	Status
dsii	Data Set Identifier Interoperability	2012-06-20	Informal IESG review (Initial Chartering)

IETF Tools Tutorial

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IETF meeting related tools

Try the meeting agenda marked up with links to:

- HTMLized session agendas,
- Jabber rooms,
- meeting materials,
- room location, etc.

Individually customized extracts from the agenda converted to downloadable and subscribable calendar files.

Based on <http://datatracker.ietf.org/meeting/84/agenda.txt>. Latest change seen 28 Jul 2012 18:15 GMT

IETF-84 Agenda

[SUNDAY](#) [MONDAY](#) [TUESDAY](#) [WEDNESDAY](#) [THURSDAY](#) [FRIDAY](#)

Agenda of the 84th IETF Meeting

July 29-August 3, 2012

Updated 2012-07-28 08:49:58 PDT

[Room Maps](#)

IETF agendas are subject to change, up to and during the meeting.

SATURDAY, July 28, 2012

0930-1800 Code Sprint - [Turner](#)

SUNDAY, July 29, 2012

1100-1900 IETF Registration - [Regency Ballroom Foyer](#)

1000-1200 IEPG Meeting - [Regency A](#)

1300-1450 Newcomers' Orientation - [Regency B](#)

1300-1450 Network Configuration Management with NETCONF and YANG Tutorial - [Regency E](#)

1300-1450 Meetecho Tutorial for Participants and WG Chairs - [Regency A](#)

1500-1650 Security Tutorial - [Regency A](#)

1500-1650 Introduction to IETF Tools Tutorial - [Regency B](#)



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IETF 84 Meeting Agenda

Vancouver, BC, July 29 – August 3, 2012

Updated 2012-07-28 08:49:58 PDT

(There's also a [plaintext agenda](#) and a [tools-style agenda](#) available)**IETF agendas are subject to change, up to and during the meeting.**

You can customize the agenda below to show only selected working group sessions. To be able to return to the customized view later, bookmark the resulting URL.

- ▶ [Select working group sessions](#)

SATURDAY, July 28, 2012

0930-1800 **Code Sprint - [Turner](#)**

SUNDAY, July 29, 2012

1000-1200 **IEPG Meeting - [Regency A](#)**

1100-1900 **IETF Registration - [Regency Ballroom Foyer](#)**

1130-1300 **Break - [Regency Ballroom Foyer](#)**

1300-1450 **Meetecho Tutorial for Participants and WG Chairs - [Regency A](#)**

1300-1450 **Network Configuration Management with NETCONF and YANG Tutorial - [Regency E](#)**

1300-1450 **Newcomers' Orientation - [Regency B](#)**

1500-1650 **Introduction to IETF Tools Tutorial - [Regency B](#)**

1500-

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Based on <http://datatracker.ietf.org/meeting/84/agenda.txt>. Latest change seen 28 Jul 2012 18:15 GMT

IETF-84 ical/vcal Agenda Generator

Mark the sessions below which you'd like included in your calendar and hit the submit button at the bottom of the page, and custom iCal and vCal files will be generated for you.

*The iCal files are updated hourly, so if the agenda changes, and your calendar application has the ability to **subscribe** to a calendar, you can subscribe to the URL of generated file, and get updates as they occur.*

Some pre-built iCal files:

- *All sessions:* [IETF-84](#)
- *Sessions by Area:* [APP](#) [GEN](#) [INT](#) [OPS](#) [RAI](#) [RTG](#) [SEC](#) [TSV](#)

Agenda of the 84th IETF Meeting

July 29-August 3, 2012

Updated 2012-07-28 08:49:58 PDT

IETF agendas are subject to change, up to and during the meeting.

[All sessions .ics file](#)

SATURDAY, July 28, 2012

☐ 0930-1800 Code Sprint - Turner

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IETF 84 Meeting Agenda

Vancouver, BC, July 29 – August 3, 2012

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(There's also a [plaintext agenda](#) and a [tools-style agenda](#) available)**IETF agendas are subject to change, up to and during the meeting.**

You can customize the agenda below to show only selected working group sessions. To be able to return to the customized view later, bookmark the resulting URL.

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Week View										
Download as an .ical file										
Saturday	Sunday			Monday	Tuesday		Wednesday	Thursday		Friday
0930-1800 Code Sprint <i>Turner</i>	1000-1200 IEPG Meeting <i>Regency A</i>			0900-1130 Dynamic Host Configuration (dhc) <i>Regency F</i>	0900-1020 Distributed Mobility Management (dmm) <i>Regency E</i>		0900-1130 IPv6 Maintenance (6man) <i>Regency C</i>	0900-1130 Softwires (softwire) <i>Regency B</i>		
					1030-1130 Distributed Mobility Management (dmm)					1120-1220 Port Control Protocol (pcp)
	1300-1450 Newcom Orientat <i>Regency B</i>	1300-1450 Network Configu Manage with	1300-1450 Meetect Tutorial for Participa	1300-1530 Multicast Mobility (multimob) <i>Regency B</i>	1300-1530 Sunseting IPv4 (sunset4) <i>Regency D</i>	1300-1500 Network Time Protocol (ntp) <i>Regency A</i>	1300-1500 Timing over IP Connection and Transfer of Clock	1300-1500 Multiple Interfaces (mif) <i>Regency E</i>	1300-1500 Network-Based Mobility Extensions (netext) <i>Regency F</i>	1300-1500 Transparent Interconnect of Lots of Links (trill) <i>Regency F</i>
	1500-1650 Security Tutorial	1500-1650 Introduction to IETF				1520-1650 Home Networking		1510-1710 Internet Area Working	1510-1710 Port Control Protocol	

TCPM meeting, IETF-84, Vancouver, BC, Canada
Monday, July 30, 09:00 - 11:30

WG Status

Time: 5 minutes

Working Group Items

* Shared Use of Experimental TCP Options

[draft-ietf-tcpm-experimental-options](#)

Speaker: chairs proxying Joe Touch

Time: 5 minutes

* A TCP Authentication Option NAT Extension (not a WG item)

[draft-touch-tcp-ao-nat](#)

Speaker: chairs proxying Joe Touch

Time: 5 minutes

* Proportional Rate Reduction for TCP

[draft-ietf-tcpm-proportional-rate-reduction](#)

Speaker: Matt Mathis

Time: 5 minutes

* Increasing TCP's Initial Window

[draft-ietf-tcpm-initcwnd](#)

Speaker: Matt Mathis

Time: 5 minutes

* TCP Fast Open

[draft-ietf-tcpm-fastopen](#)

Speaker: Yuchung Cheng

Time: 5 minutes

* RFC 1323bis

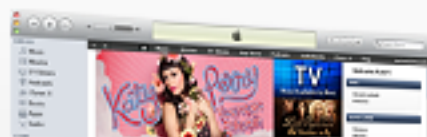
[draft-ietf-tcpm-1323bis](#)

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Description

Internet Engineering Task Force (IETF) Conference application for tracking the Tri-annual working group meeting schedules and room locations.

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- 6) IETF meeting related tools
- 7) **Notification services**
- 8) Tool-builder tools
- 9) Questions

Notification services

The Daily Dose of IETF

RSS feed: New RFCs

RSS feed: IPR Disclosures to the IETF

NEW

Create an account and use "My tracked I-Ds" to create a personal list of I-Ds you want track. Under Exports, you can subscribe to a feed of changes to the statuses of I-Ds on your personal list.

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The Daily Dose of IETF

"Be conservative in what you send and liberal in what you accept"

[< Prev](#)

Issue 1697 — 2012-07-27

IETF-Announce List

- [NomCom 2012-2013: Timeline and Seeds for Random Selection](#) (NomCom Chair)
- [New Non-WG Mailing List: irs-discuss -- Interface to The Internet Routing System \(IRS\)](#) (IETF Secretariat)
- [Protocol Action: 'Internet X.509 Public Key Infrastructure -- HTTP Transfer for CMP' to Proposed Standard \(draft-ietf-pkix-cmp-transport-protocols-20.txt\)](#) (The IESG)
- [Last Call: <draft-ietf-ccamp-dpm-06.txt> \(Label Switched Path \(LSP\) Data Path Delay Metrics in Generalized MPLS/ MPLS-TE Networks\) to Proposed Standard](#) (The IESG)
- [Protocol Action: 'A Location Dereferencing Protocol Using HELD' to Proposed Standard \(draft-ietf-geopriv-deref-protocol-07.txt\)](#) (The IESG)

[more messages »](#)

New RFCs



- [RFC 6697 on Handover Keying \(HOKEY\) Architecture Design](#) (rfc-editor)
- [RFC 6696 on EAP Extensions for the EAP Re-authentication Protocol \(ERP\)](#) (rfc-editor)
- [RFC 6691 on TCP Options and Maximum Segment Size \(MSS\)](#) (rfc-editor)
- [RFC 6689 on Usage of the RSVP ASSOCIATION Object](#) (rfc-editor)

[more recent RFCs »](#)

Drafts Sent to IESG

- [MPLS-TP Security Framework](#) (draft-ietf-mpls-tp-security-framework): Active » Publication Requested
- [MPLS and Ethernet OAM Interworking](#) (draft-ietf-pwe3-mpls-eth-oam-iwk): Active » Publication Requested

IESG Progress

- [Label Switched Path \(LSP\) Data Path Delay Metrics in Generalized MPLS/ MPLS-TE Networks](#) (draft-ietf-ccamp-dpm): AD Evaluation » In Last Call
- [A Location Dereferencing Protocol Using HELD](#) (draft-ietf-geopriv-deref-protocol): IESG Evaluation::AD Followup » Approved-announcement sent
- [Internet X.509 Public Key Infrastructure -- HTTP Transfer for CMP](#) (draft-ietf-pkix-cmp-transport-protocols): IESG Evaluation::AD Followup » Approved-announcement sent

Drafts Sent to RFC Editor

- [xDSL multi-pair bonding \(G.Bond\) MIB](#) (draft-ietf-adslmib-gbond-mib): Approved-announcement sent » RFC Ed Queue
- [Pseudowire Control Word Negotiation Mechanism Update](#) (draft-ietf-pwe3-cbit-negotiation): Approved-announcement sent » RFC Ed Queue

Autorizzazione necessaria!

Questo server non può verificare l'autorizzazione all'accesso a `"/accounts/login/`". Questo errore potrebbe essere causato da credenziali errate (nome utente o password errata) oppure da un browser che non riesce a comunicare il nome utente e la password in modo corretto.

Nel caso in cui ritieni di aver diritto ad accedere al documento, controlla il nome utente e la password forniti e riprova.

Se pensi che questo sia un errore del server, per favore contatta il [webmaster](#).

Error 401

datatracker.ietf.org

Sun Jul 29 14:44:41 2012

Apache/2.2.10 (Linux/SUSE) mod_ssl/2.2.10 OpenSSL/0.9.8h PHP/5.2.13 with Suhosin-Patch mod_python/3.3.1 Python/2.6 mod_wsgi/3.3 mod_perl/2.0.4 Perl/v5.10.0

IETF Tools Tutorial

- 1) 3 URLs for 3 service groups
- 2) Document search, display, and print tools
- 3) Draft preparation tools
- 4) Working group tools
- 5) IESG related pages
- 6) IETF meeting related tools
- 7) Notification services
- 8) **Tool-builder tools**
- 9) Questions

Tool-builder tools

Meta-information about drafts and working groups which is available to prospective tool builders -- where to find it, what kind of information is available, and in which formats.

Questions?

If you have comments or suggestions about IETF tools, please send them to tools-discuss@ietf.org.

If you have questions about xml2rfc, please send them to xml2rfc@ietf.org.

Thank you.

Alice Russo

Henrik Levkowetz

IETF Tools Tutorial "CHEAT SHEET" (IETF 84)

1) 3 URLs for 3 service groups

IETF site	http://www.ietf.org
Datracker	https://datatracker.ietf.org
Tools site	http://tools.ietf.org

2) Document search, display, and print tools

Datracker	http://datatracker.ietf.org/
Search	http://tools.ietf.org/search/
HTMLized	http://tools.ietf.org/html/rfc2026
Partial match	http://tools.ietf.org/html/draft-rfc-editor
PDF	http://tools.ietf.org/pdf/

3) Draft preparation tools

xml2rfc	http://xml.resource.org
nroffedit	http://aaa-sec.com/nroffedit/
RFC 5385	http://tools.ietf.org/html/rfc5385/

<http://tools.ietf.org/html/rfc5385/>