

Extending IETF tools for Working Group Draft Tracking

WGDTspec BOF

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Agenda



- Administrivia (5 min):
 - Jabber scribe for wgdtspec@jabber.ietf.org
 - Note taker (for Minutes)
 - Agenda Bashing
- BoF scope and goals (10 min)
- WG document states (45 min)
 - [draft-ietf-proto-wgdocument-states-02.txt](#)
- Requirements to extend the IETF Datatracker for I-D authors and WG chairs (45 min)
- Next steps & any other business (15 min)

Current Datatracker states ...



I-D
Exists

Expired

“IESG”
states

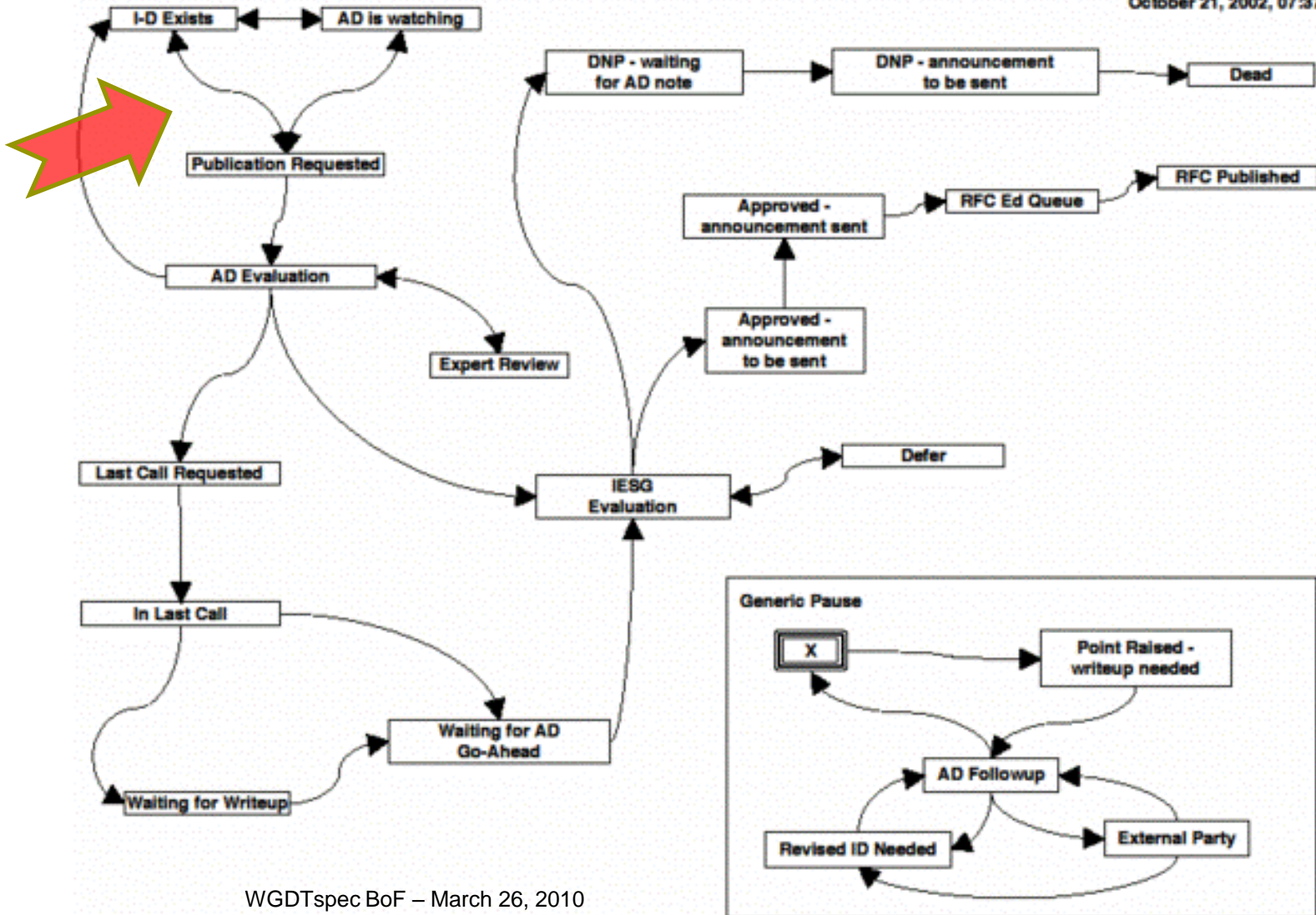
- The state displayed for every submitted I-D for which the Datatracker has no other status information.
- The state of every I-D which is more than 6 months old and which has not been submitted to the IESG or otherwise artificially kept alive by an AD.
- There are many “IESG document” states (e.g. AD is Watching, In Last Call, IESG Evaluation ...).

Focus of WGDTspec work

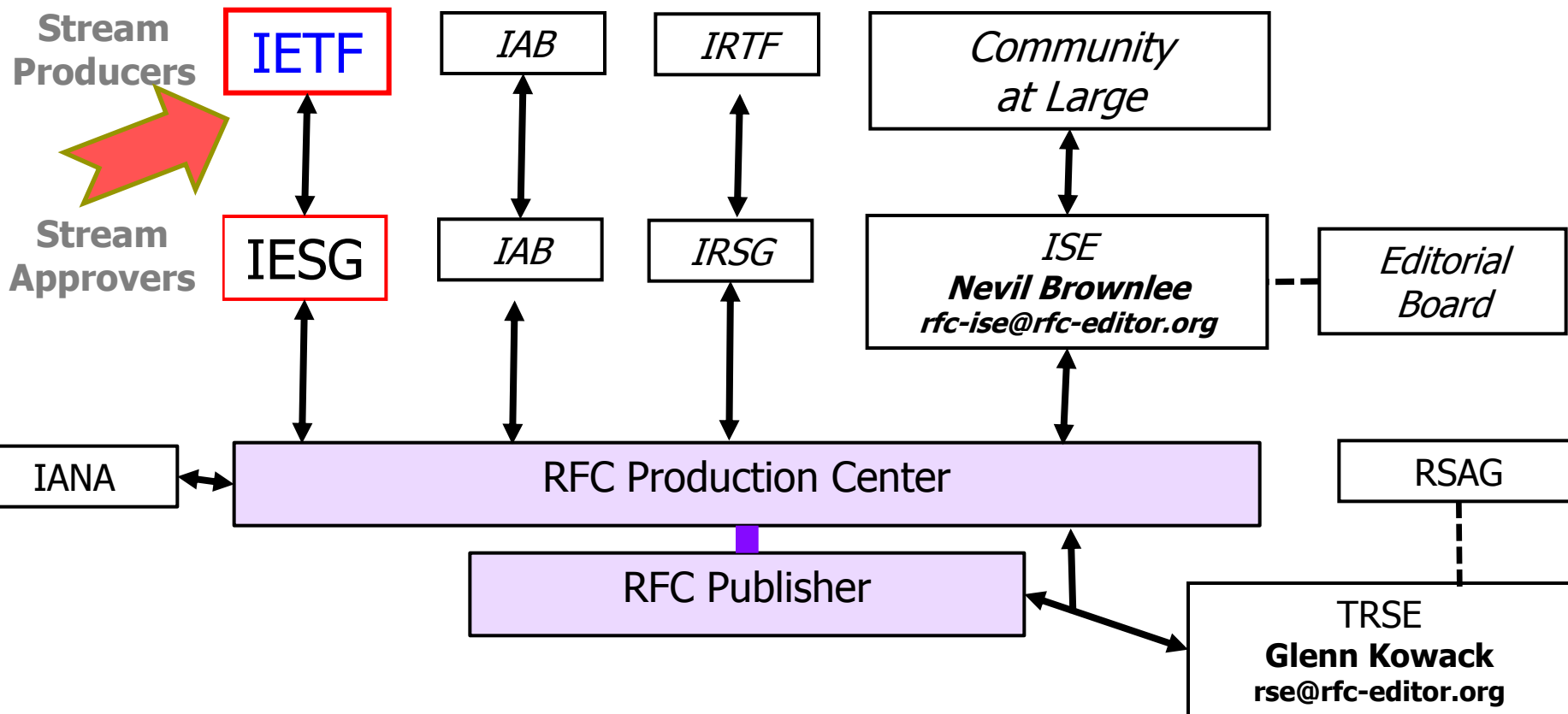
https://datatracker.ietf.org/images/state_diagram.gif



October 21, 2002, 07:37



Scope of this BoF



Adapted from RFC 5620, Figure 1: Ordinary RFC Series production and process
Source: IETF77 Newcomers Tutorial slides

Goals for today's BoF



- Discuss revisions to strawman WG document states proposed in:
[draft-ietf-proto-wgdocument-states-02.txt](#)
- Review strawman “state diagram” and discuss its applicability to IETG WGs;
- Identify requirements for extending the IETF Datatracker for I-D authors and WG chairs; and
- Discuss next steps and any other business.

IETF Document Lifecycle



WG documents go through the WG process...

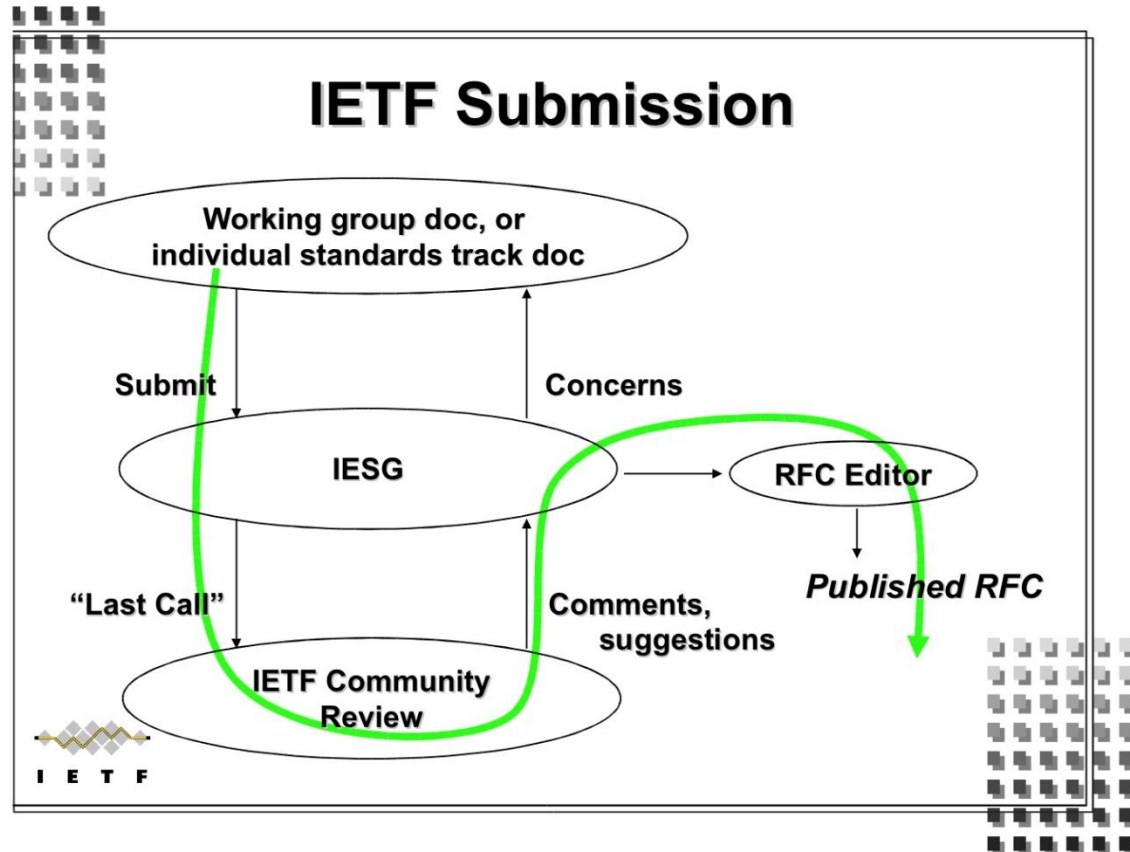


Diagram taken from Scott Bradner's Newcomer's Tutorial

Datatracker visibility of I-Ds



I-D
Exists

- A typical starting point for I-Ds adopted by IETF working groups.

WG Process

WG Process “Black Box”

Publication
Requested

- A desired end point for many working group drafts.

Current Datatracker states...



A screenshot of a Windows Internet Explorer browser window displaying the IETF Datatracker website. The browser's address bar shows the URL 'http://datatracker.ietf.org/doc/draft-ietf-opsec-efforts-11'. The website header includes the IETF logo and the text 'datatracker.ietf.org' with a 'Sign In' link. A left-hand navigation menu lists various categories such as 'Working Groups', 'Drafts & RFCs', and 'Other Documents'. The main content area is titled 'Security Best Practices Efforts and Documents draft-ietf-opsec-efforts-11'. Below the title are tabs for 'Document', 'IESG Evaluation Record', 'IESG Writeups', and 'History'. The 'Document' tab is active, showing a table of document metadata: Document type: Active Internet-Draft (OPSEC WG document), Last updated: 2009-11-15, State: I-D Exists, Intended status: -, Responsible AD: -, and Other versions: plain text, pdf, html. Below this table are links for 'Email Authors', 'IPR Disclosures', 'Dependencies to this draft', and 'Check nits'. Further down, the 'Network Working Group' information is listed, including the authors C. Lonvick and D. Spak, their affiliation with Cisco Systems, and the expiration date of May 19, 2010. The document title 'draft-ietf-opsec-efforts-11.txt' is also displayed. An 'Abstract' section follows, containing the text: 'This document provides a snapshot of the current efforts to define or apply security requirements in various Standards Developing Organizations (SDO).'

I-D
Exists

Current Datatracker states...



The screenshot shows a web browser window with the URL <http://datatracker.ietf.org/doc/draft-ietf-opsec-efforts/>. The page title is "Security Best Practices Efforts and Documents draft-ietf-opsec-efforts-11". The left sidebar contains navigation links for Working Groups, Drafts & RFCs, Meetings, and Other Documents. The main content area has tabs for Document, IESG Evaluation Record, IESG Writeups, and History. Below the tabs is a "Diffs" section with a form to compare versions. The "Document history" section contains a table with columns for Date, Version, By, and Text.

Date	Version	By	Text
2009-11-15	11	(System)	New version available: draft-ietf-opsec-efforts-11 (diff from -10)
2009-04-13	10	(System)	New version available: draft-ietf-opsec-efforts-10 (diff from -09)
2008-12-11	09	(System)	New version available: draft-ietf-opsec-efforts-09 (diff from -08)
2008-06-06	08	(System)	New version available: draft-ietf-opsec-efforts-08 (diff from -07)
2007-12-17	07	(System)	New version available: draft-ietf-opsec-efforts-07 (diff from -06)
2007-06-12	06	(System)	New version available: draft-ietf-opsec-efforts-06 (diff from -05)
2006-12-22	05	(System)	New version available: draft-ietf-opsec-efforts-05 (diff from -04)
2006-06-16	04	(System)	New version available: draft-ietf-opsec-efforts-04 (diff from -03)
2006-04-19	03	(System)	New version available: draft-ietf-opsec-efforts-03 (diff from -02)
2006-01-18	02	(System)	New version available: draft-ietf-opsec-efforts-02 (diff from -01)
2005-07-11	01	(System)	New version available: draft-ietf-opsec-efforts-01 (diff from -00)
2005-01-24	00	(System)	New version available: draft-ietf-opsec-efforts-00

I-D
Exists

Common WG I-D States



Candidate
WG Document

- An I-D under consideration for becoming a WG document.

Active
WG Document

- An I-D which has been adopted by a WG and is actively being developed.

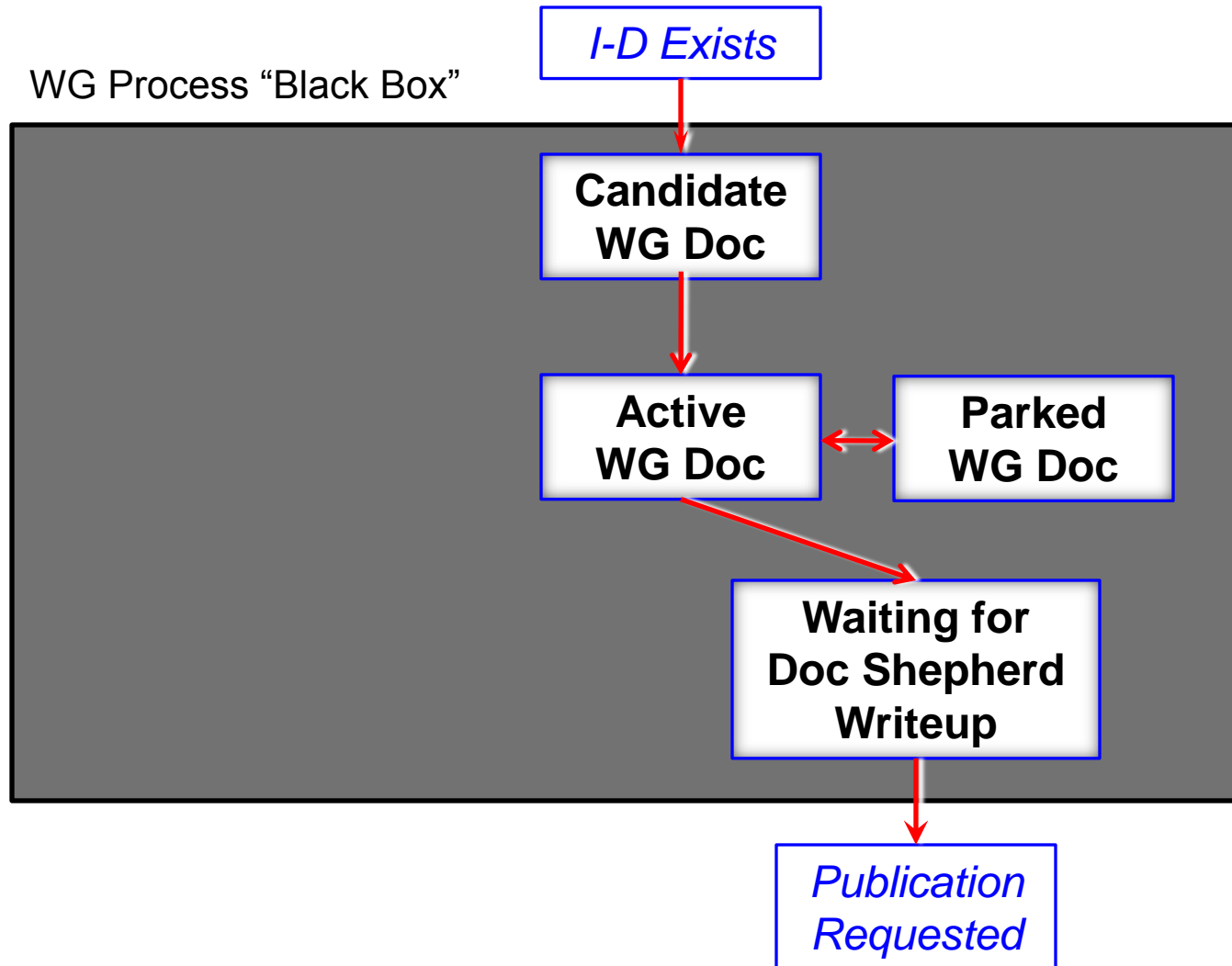
Parked
WG Document

- A WG document which cannot be progressed for some reason.

Waiting for
Doc Shepherd
Writeup

- An I-D which has been finalized by a WG and is waiting for the Document Shepherd to submit his/her writeup.
Next state = "Publication Requested"

Common WG I-D States



More WG Document States



Dead
WG Document

- An I-D which used to be an active WG document but has been abandoned.

Not a
WG Document

- An I-D which was considered for adoption by a WG, but was rejected.

In WG
Last Call*

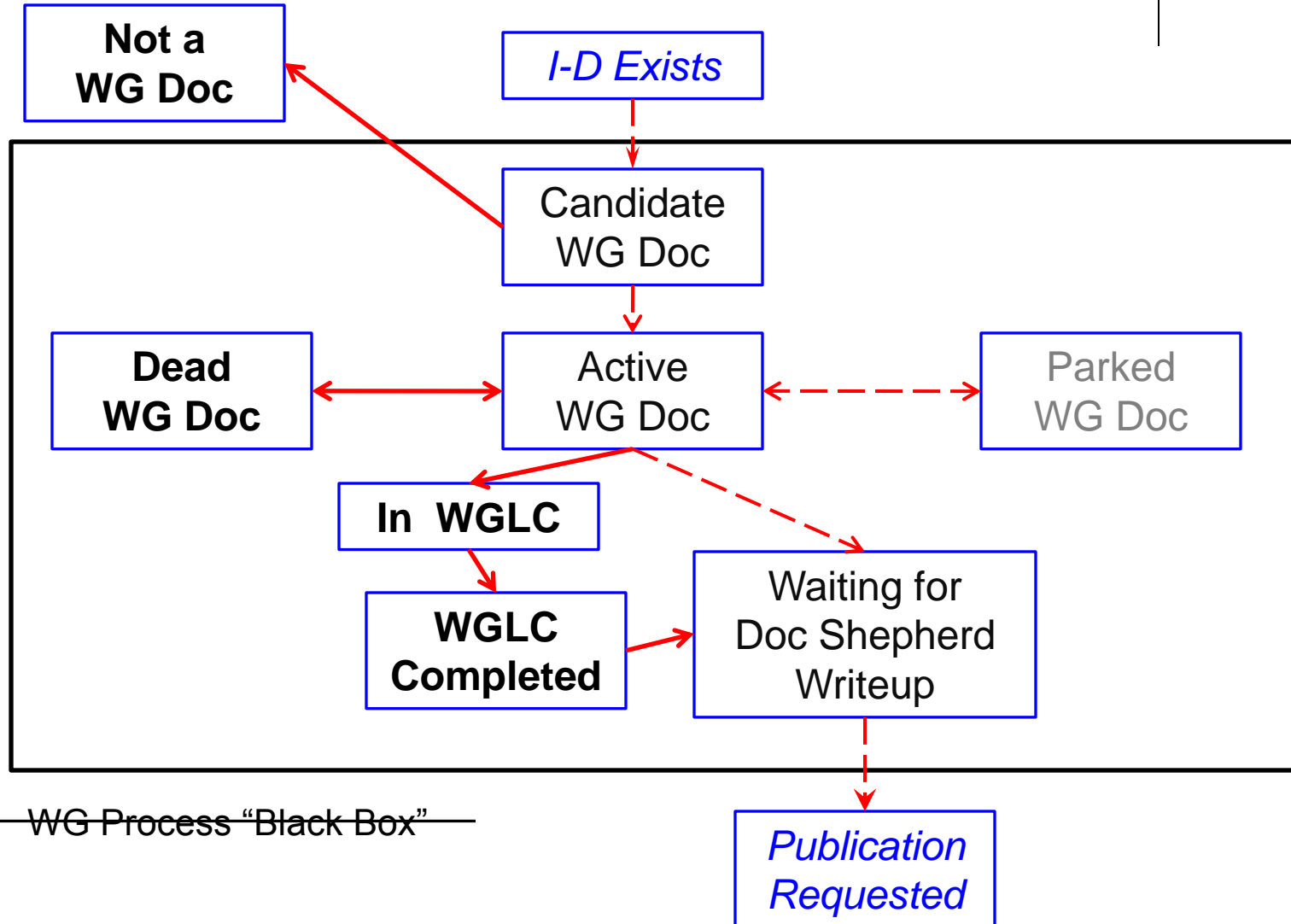
- An I-D for which a WGLC has been issued and is still in progress.

WGLC*
Completed

- An I-D for which a WGLC was completed and some action (e.g. to resolve comments) is required before the I-D can progress to another state.

* Note: WGLCs are optional.

More WG Document States



~~WG Process "Black Box"~~

WG Document “substates”



- To provide additional visibility into WG document status, “substate” annotations would be useful:
 - Awaiting (Cross-area, MIB Doctor, Security, Other) Review
 - Awaiting Merge with Other Document
 - Author or Editor Needed
 - Held due to Dependency on Other Document
 - Held due to IESG concerns
 - Revised I-D needed based on (WG or WGLC) comments
 - Document shepherd follow-up
 - See comment log

And perhaps 2 more states?



- Feedback from the code sprint on March 20th suggests we may want two more WG doc states:

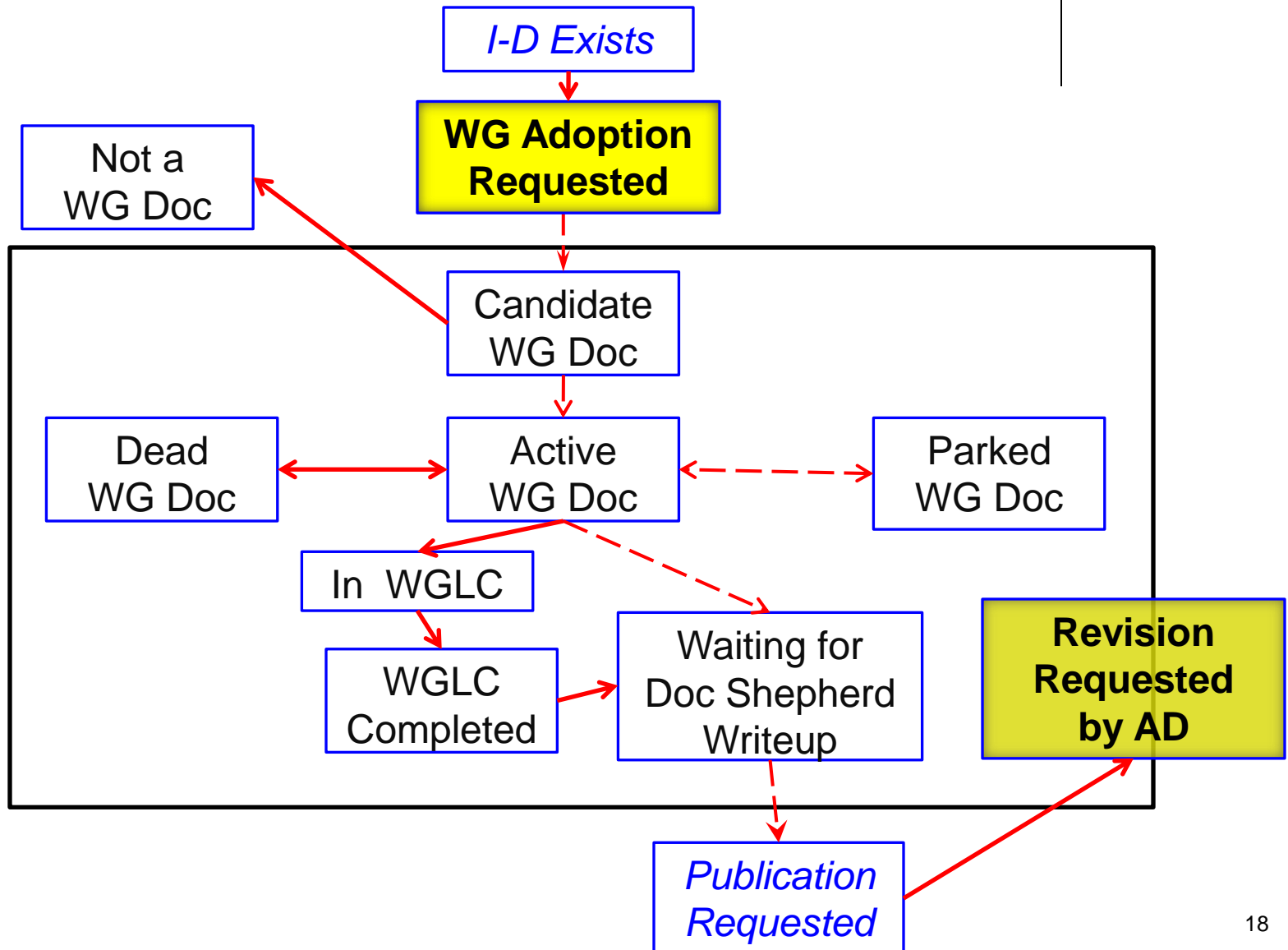
WG Adoption
Requested

- An existing I-D which its authors want to become a “Candidate WG Doc”.

Revision
Requested
by AD

- An I-D previously sent to the IESG for publication which has been returned to the WG for revision;

Two more states for WG Docs?



Discussion



- Are the proposed states fairly clear and unambiguous?
- Do most WGs follow a process involving most or all of the proposed states?
- Is anything missing?
- Are there any WGs for which the proposed states and state machine absolutely would not work?

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- **Requirements to extend the IETF Datatracker for I-D authors and WG chairs (45 min)**
- Next steps & any other business (15 min)

WGDTspec Requirements



- R1: A new state variable or field to hold WG Document states shall be added to the IETF Datatracker.
- R2: The new field specified in R1 shall track the working group state of WG documents and be updated by the working group chairs (or their delegates) once an I-D has been adopted as a WG document.
- R3: WG chairs, or their delegates, shall update the status for all of their WG documents, or opt out of doing so entirely. Updates must be for “all documents in a WG, or for none”. There shall be no partial updates.

WGDTspec Requirements



- R4: WG chairs shall be able to delegate the updating of WG document status information (e.g. to a WG secretary).
- R5: The IETF Secretariat shall also have the ability to update the status information for WG documents.
- R6: The updating of WG document status information shall not delete status information in the dB.
- R7: Erroneous WG document status information shall be corrected via an exception handling process (e.g. trouble ticket raised with the tools team) rather than by deleting status information in real-time.

WGDTspec Requirements



- R8: The Datatracker shall provide a convenient way for WG Chairs or their delegates to update the status of WG documents, for instance through the use of a multiple-choice selection box in a web interface.
- R9: WG authors and editors shall be able to change of the state of their own “I-D Exists” documents to the next state which is “WG Adoption Requested”.
- R10: The Datatracker shall provide a convenient way for WG Chairs to see the current status of all documents in their WGs, and a summary of all status updates made to WG documents by their delegates.

WGDTspec Requirements



R11: A separate tagging or annotation field shall be added to the Datatracker to capture a number of specific “substate” conditions for a draft, where the conditions can exist in parallel. These conditions do not change the WG state of the document but they are useful to indicate what action is needed next for the document.

R12: The tracker should provide a means to set one or more of these annotation tags for each working group document, for instance by use of a multiple-choice selection box in a web interface.

WGDTspec Requirements



R13: As part of the WG document status handling, a field should be available to indicate the next planned state of a draft, and the planned date for that state. The Next WG Document State field shall have the same possible values as the WG Document State field (R1).

WGDTspec Requirements



R14: A field should be available to indicate the intended status of each WG document, with the possible values being:

- “Informational”
- “Experimental”
- “Best Current Practice”
- “Proposed Standard”
- “Draft Standard”
- “Full Standard”
- “Historic”

Discussion



- Is anything BIG missing?
- Do we want specific requirements for the GUI into the Datatracker for:
 - Status update data entry?
 - Queries?

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Next Steps & AOB



1. “WG document states” I-D will be revised next week to incorporate comments from today.
2. Initial Requirements I-D will be ready next week too.
3. Please review and comment on both:
 - e-mail anytime to edj.etc@gmail.com

Thank You

