

PAWS: Problem statement, Use cases and, Requirements

[draft-ietf-paws-problem-stmt-usecases-rqmts-03](#)

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Current State

- Significantly updated the I-D V02 with lots of discussions since IETF82
 - Diff:
<http://tools.ietf.org/rfcdiff?url2=draft-ietf-paws-problem-stmt-usecases-rqmts-03>
- I-D V03 has now completed WGLC

Major updates from v02 to v03

- Removed many, but not all, references to “TV” to emphasize the I-D applies to white space regardless of frequency band.
- Changed terminology from using “primary” and “secondary” use of spectrum (assigned/licensed, additional)
- Added “Background Information” on white space in the UK

Major updates

- Reclassified database discovery and device registration as protocol services, not use cases
- Requirements were expanded as Normative Requirements
 - Extracted & organized from the completed services & use cases
- Established Guidelines on extensibility WRT the Data Model & administrative vs. spectrum functions

Major updates

- Threat model
 - Added a threat model in the security considerations section of the I-D

Updates to the Use cases

- Added the ability to revoke channels
- Identified exception case where Master may register over white space
- Master validation of Slave

Updates to the Requirements

- Major re-write & organization
- Data Model Requirements
 - Defining variables needed for operation
- Protocol Requirements
 - Defining what the protocol must do
- Operational Requirements
 - Defining what is necessary for the system to operate

Comment tracking (v02->v03)

Date	Section	URL
27-Jan	0	http://www.ietf.org/mail-archive/web/paws/current/msg00576.html
26-Jan	1.1	http://www.ietf.org/mail-archive/web/paws/current/msg00564.html
30-Jan	1.1	http://www.ietf.org/mail-archive/web/paws/current/msg00605.html
26-Jan	2.2	http://www.ietf.org/mail-archive/web/paws/current/msg00564.html
2-Feb	2.2	http://www.ietf.org/mail-archive/web/paws/current/msg00644.html
8-Feb	2.2	http://www.ietf.org/mail-archive/web/paws/current/msg00720.html
8-Feb	2.2	http://www.ietf.org/mail-archive/web/paws/current/msg00722.html
3-Feb	3.2	http://www.ietf.org/mail-archive/web/paws/current/msg00667.html
26-Jan	3.3	http://www.ietf.org/mail-archive/web/paws/current/msg00564.html
2-Feb	3.3	http://www.ietf.org/mail-archive/web/paws/current/msg00650.html
27-Jan	4	http://www.ietf.org/mail-archive/web/paws/current/msg00591.html
2-Feb	4	http://www.ietf.org/mail-archive/web/paws/current/msg00644.html
2-Feb	4.1	http://www.ietf.org/mail-archive/web/paws/current/msg00649.html
8-Feb	4.10	http://www.ietf.org/mail-archive/web/paws/current/msg00731.html
6-Feb	4.2	http://www.ietf.org/mail-archive/web/paws/current/msg00702.html
7-Feb	4.3	http://www.ietf.org/mail-archive/web/paws/current/msg00710.html
10-Feb	4.4	http://www.ietf.org/mail-archive/web/paws/current/msg00753.html
10-Feb	4.4	http://www.ietf.org/mail-archive/web/paws/current/msg00756.html
8-Feb	4.5	http://www.ietf.org/mail-archive/web/paws/current/msg00716.html
10-Feb	4.6	http://www.ietf.org/mail-archive/web/paws/current/msg00757.html
3-Feb	4.7	http://www.ietf.org/mail-archive/web/paws/current/msg00684.html
8-Feb	4.8	http://www.ietf.org/mail-archive/web/paws/current/msg00718.html
8-Feb	4.9	http://www.ietf.org/mail-archive/web/paws/current/msg00728.html
27-Jan	5.1	http://www.ietf.org/mail-archive/web/paws/current/msg00569.html
30-Jan	6	http://www.ietf.org/mail-archive/web/paws/current/msg00617.html
13-Feb	8	http://www.ietf.org/mail-archive/web/paws/current/msg00770.html
2-Feb	9	http://www.ietf.org/mail-archive/web/paws/current/msg00662.html
2-Feb	11	http://www.ietf.org/mail-archive/web/paws/current/msg00662.html
2-Feb		http://www.ietf.org/mail-archive/web/paws/current/msg00657.html

Comment tracking (v03->v04)

Date	Section	URL
03/06/12	6.1	http://www.ietf.org/mail-archive/web/paws/current/msg00831.html
03/06/12	2.2, 6.1	http://www.ietf.org/mail-archive/web/paws/current/msg00837.html
03/08/12	6.1	http://www.ietf.org/mail-archive/web/paws/current/msg00844.html
03/08/12	4.2.2	http://www.ietf.org/mail-archive/web/paws/current/msg00845.html
03/22/12	4.3, 6.1	http://www.ietf.org/mail-archive/web/paws/current/msg00903.html

Charter Scope

- Ofcom's "Draft regulatory requirements for white space devices in the UHF TV band" dated February 16, 2012
- For PAWS to be taken into use outside the US, need to recognize and meet the requirements from Ofcom
- Discussion about replying to WSDB with used channel information.

Next steps

- Update the PS, UC&R I-D with text resulting from consensus on the comments that have been posted, generate a new version