IETF 77 opsec WG

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Agenda

- Achievements since IETF 76
- Document status
- New work
- Any additional agenda items

Achievements

- Security Assessment of the Internet Protocol version 4
  - draft-ietf-opsec-ip-security
  - WGLC in December
  - Comments favorable
  - Feedback from Alfred Hoenes is being incorporated into draft prior to IESG submission.
- Issues with existing Cryptographic Protection Methods for Routing Protocols
  - draft-ietf-opsec-routing-protocols-crypto-issues
  - WGLC in January
  - Submitted to AD
  - Now in expert review

Achievements continued

- Cryptographic Authentication Algorithm Implementation Best Practices for Routing Protocols
  - Draft-ietf-opsec-igp-crypto-requirements
  - Accepted as a WG document now added to the stable.
  - Next steps prior to last-call?

Document status

Draft name	Rev.	Dated	Status	Comments, Issues
Active:				
draft-ietf-opsec-efforts	-11	2009-11-15	Active	
draft-ietf-opsec-icmp-filtering	-01	2009-10-26	Active	
draft-ietf-opsec-igp-crypto-requirements	-00	2010-01-29	Active	
draft-ietf-opsec-ip-security	-02	2010-02-20	Active	
IESG Processing:				
draft-ietf-opsec-routing-protocols-crypto-issues	-03	2010-01-21	Expert Review	
Published:				
Draft name	**Rev.**	**Dated**	**Status**	**Obsoleted by/*(Updated by)***
draft-ietf-opsec-blackhole-urpf	-04	2009-06-05	RFC 5635	
draft-ietf-opsec-current-practices	-07	2006-08-30	RFC 4778	
Expired:				
draft-ietf-opsec-filter-caps	-09	2007-07-13	Expired	
draft-ietf-opsec-framework	-05	2007-04-03	Expired	
draft-ietf-opsec-infrastructure-security	-01	2007-04-10	Expired	
draft-ietf-opsec-logging-caps	-04	2007-08-24	Expired	
draft-ietf-opsec-misc-cap	-00	2006-02-22	Expired	
draft-ietf-opsec-nmasc	-00	2006-03-01	Expired	
draft-ietf-opsec-routing-capabilities	-03	2007-06-15	Expired	

Document Status Continued

- Draft-ietf-opsec-icmp-filtering
  - Updated, still incomplete, authors hope to finish shortly
  - Will probably solicit reviews based on finished docs

Work with other groups

- draft-ietf-tcpm-tcp-security-01
  - Socialized on opsec.
  - discussion is continuing in TCPM
- KARP
  - draft-lebovitz-karp-roadmap
  - draft-ietf-karp-framework
  - draft-ietf-karp-threats-reqs
  - draft-ietf-karp-design-guide

New Work

- IP Options Filtering Recommendations
  - Draft-gont-opsec-ip-options-filtering-00
  - Steven Fount and Fernando Gont
  - In the style of ICMP filtering, for better or worse.

Example

New Work

- Protecting The Router Control Plane
  - draft-dugal-opsec-protect-control-plane-02
  - David Dugal
  - Carlos Pignataro
  - Rodney Dunn

DONE
Thanks!