



draft-ietf-opsec-v6 (-16)

Operational Security Considerations for IPv6 Networks

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Objectives

“This document analyzes the operational security issues in several places of a network (enterprises, service providers and residential users) and proposes technical and procedural mitigations techniques.”

It’s about providing *security-oriented input* to operations.

We notice that, within the operators’ community, there’s quite some interest in such input coming from the IETF (similar to RFC 7381).

Structure & Main Elements

- Generic Security Considerations
- Enterprise Specific Sec Considerations
- Service Providers Specific Considerations
- Residential Users Security Considerations

Generic Security Considerations

- Addressing Architecture
- Extension Headers
- Link-Layer Security
- Control Plane Security
- Routing Security
- Transition/Coexistence Technologies
- General Device Hardening

Where the Draft Stands Today

- Evidently some of the sections have sparked heavy discussions on the mailing list.
 - ULAs...
- We think that a reasonable balance of discussing options while at the same time providing some guidance has been reached in the interim.
 - Referencing other documents further increases efficiency.

Next Steps

- We'd like to ask you for review and/or participation in *opsec*.
 - The document serves a purpose very much aligned with the goals of *v6ops*. We're in the same boat.
- We, as authors, thank you in advance for your efforts and contributions!

Thanks for Your Time

Questions?

