

Operational Security Considerations for IPv6 Networks



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Objective

- Analyze the operational security issues for a variety of network environments (service providers, content providers, enterprises and residential users)
- Describe technical and procedural mitigations techniques



Overview

- Network managers know how to operate secure IPv4 networks
- Running an IPv6 network is new for most operators
- IPv6 deployments introduce new security challenges
- Increase in global IPv6 deployments has led to more practical experience
- Improve awareness of IPv6 security issues and share common best practices that will help operators deploy IPv6 networks
- Complement RFC4942 by listing all security issues when operating a network and showing common deployments techniques to mitigate these issues



Next Steps

- Get initial feedback
- Work with v6ops and [homenet](#) WGs to avoid overlaps or conflicts
- Have draft ready for Paris
- Contact us at v4tov6sec@snozzages.com



Q&A

THANK YOU!