

SRv6 Operational Security

Considerations

draft-bdmgct-spring-srv6-security

Nick Buraglio, ESnet

Tal Mizrahi, Huawei

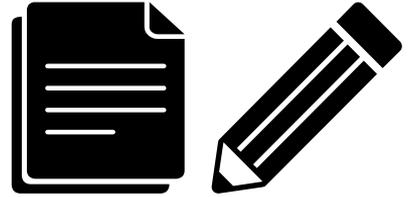
Tian Tong, China Unicom

Goals



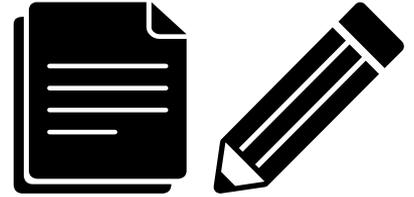
- **Provide comprehensive, unbiased view of what running SRv6 looks like from a risk perspective.**
- **Outline the practical security considerations for operating a production SRv6 based network.**
- **Create a referenceable draft useful to get folks started, and fill in operational gaps.**

Where we are



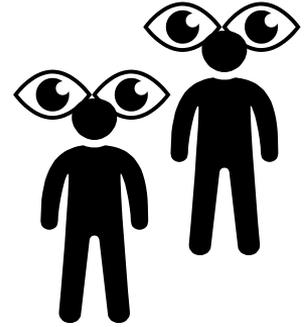
- Very early (clearly)
- First pass at risk profile
- Outline of important topics

Example Topics



- Encapsulation / tunneling issues
- Source Routing
- Segment Routing header
- Filtering considerations
- Topology and policy exposure
- Implications for security devices
-

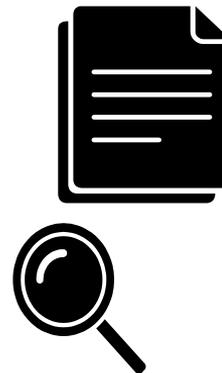
What would we like from you?



- Eyeballs
- Input
- Suggestions
- “Learn, adapt, document, refine, adopt”

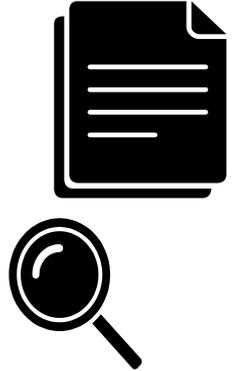
More details

- Current repo
<https://github.com/buraglio/draft-bdmgct-spring-srv6-security>
- pull requests and reviewers welcomes (and encouraged)
- <https://buraglio.github.io/draft-bdmgct-spring-srv6-security/draft-bdmgct-spring-srv6-security.html>



Contacts

- Nick Buraglio buraglio@forwardingplane.net
- Draft authors list *coming soon!*



Questions, Comments

