

ILNP – Identifier Locator Network Protocol

FreeBSD 14.0 demo

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ILNP – The story so far ...

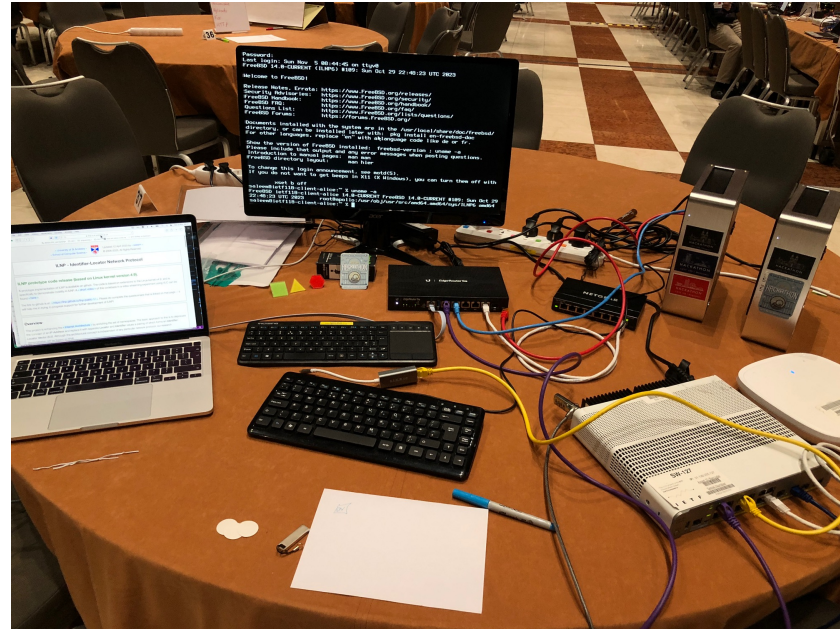
- RFCs 6740 – 6748 (Experimental)
- Ongoing research and development:
 - University of St Andrews
- IETF104/Prague – Linux 4.9 kernel

IETF118/Prague

- Team:
 - Gregor Haywood (BSD dev, remote)
 - Saleem Bhatti (Project lead, Prague)
 - Ryo Yanagida (Demo, Prague)
- Aim: test ILNP basic connectivity between Prague and Scotland.

Experiments

- (ILNP uses IPv6 Destination Options.)
- ping
- rsync
- ssh
- Privacy ephemeral node identifiers (NID)



Results and Conclusion

- ping 😊
- rsync 😊
- ssh 😊
- Ephemeral (NIDs) 😊
- Conclusion

