

# draft-ponomarev-hip-dns-locators-01

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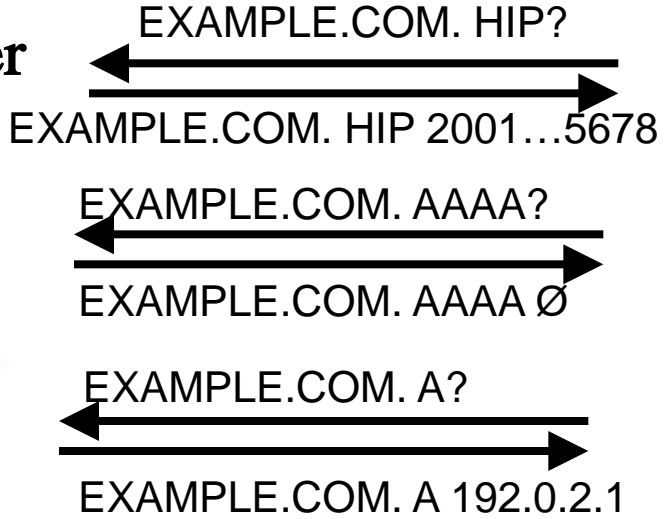
IETF75, Stockholm

The logo consists of a stylized, light green graphic on the left, resembling a series of parallel lines or a building facade, and the text 'HELSINKI INSTITUTE FOR INFORMATION TECHNOLOGY' on the right, stacked in four lines.

HELSINKI  
INSTITUTE FOR  
INFORMATION  
TECHNOLOGY

# NOW

DNS Server



HIP Software

OpenHIP



HIT	IP
2001...5678	192.0.2.1

EXAMPLE.COM.  
AAAA 2001...5678

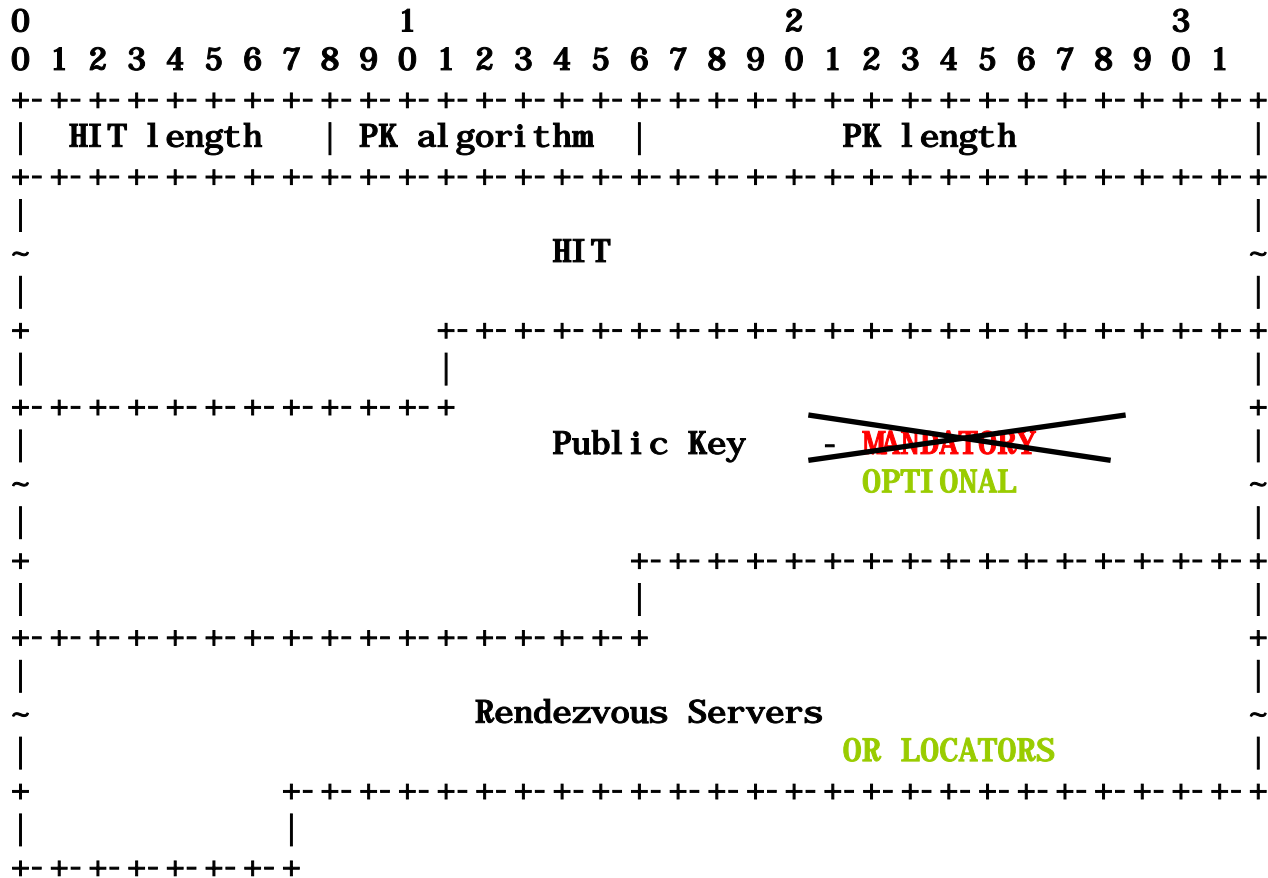
EXAMPLE.COM. AAAA?

sendto(2001...5678)

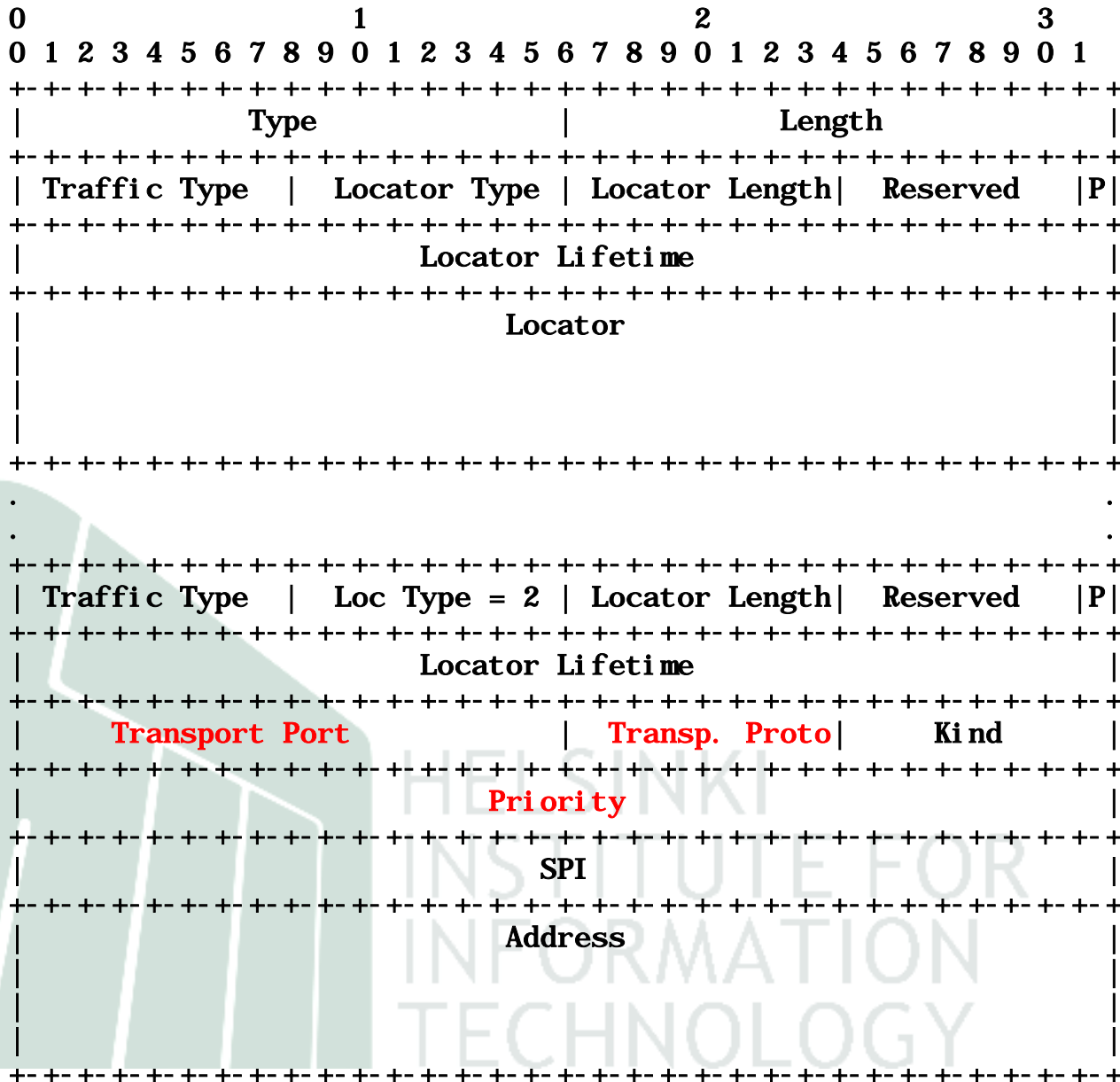
Legacy Application



# RFC5205: HIP RR



# LOCATOR in nat-traversal



# Summary

- Reduce the size of DNS messages -- less TCP
- HIP over HIP(139) or UDP?
- Custom UDP ports
- No need for RVS

