

DNS Challenges in Large Enterprises

A Glimpse Beyond TLDs and Public DNS

Andreas Taudte // DDI User Group // Stockholm // October 2025 // v1.0



BEHIND THE SCENES OF ENTERPRISE DNS

- Multiple Brands, Subsidiaries, isolated Networks (Silos)
- Hybrid Infrastructure (On-Prem, DNS-as-a-Service, Multi-Cloud)
- Split DNS still alive (internal vs. public Visibility)
- Multi-Vendor DNS (Domain Controllers, Linux Servers, Appliances, Cloud-native)



ENTERPRISE DNS CHALLENGES

- Compliance and Auditability (GDPR, BSI, NIS2, industry-specific)
- Mission-critical but not the Enterprise's Core Business
- Scarce DNS Expertise inside Enterprises (**SKILLS GAP**)
- Under-represented in broader DNS Discussions



BRINGING ENTERPRISE DNS ONTO THE OARC STAGE

- Reliability, Security, Resilience (**SHARED GOALS**)
- Public DNS Experts and Enterprise Teams can learn from each other
- Bridging the Gap between Internet-scale and Enterprise-scale Operations
- OARC to create a Platform where Enterprises can share, learn, and contribute



THANK YOU FOR YOUR TIME.



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