

# **SVCB and HTTPS for DNSSEC Service Instances**

# Scenario - “Custom Service”

- Discover the service using DNS-SD
  - SRV Record leads to Hostname, and Port
- Service is also expressible as a URI (i.e., connect using https://)
  - Though, DNS-SD is not of type `__https._tcp` but `__customtransfer._tcp`
- Server on the local network can receive both HTTP/2 and HTTP/3
  - Prefer using HTTP/3, but how to signal support

# Potential Approach: Use *SVCB* Record

- SRV Record Leads to Hostname, and Port
- In addition to A and AAAA query, run *SVCB* query too
- Use ALPN field in *SVCB* to signal h2 / h3