DNS Server Selection on Multi-Homed Hosts

draft-savolainen-mif-dns-server-selection-02

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MIF IETF #77
22-03-2010
Changes between -00 and -01

• Added issues caused by synthesized AAAA records (DNS64/BIS): those addresses are valid only on the interface learned on

• Added that an FQDN may identify a service that provides different services on its different interfaces (e.g. Internet and Intranet facing)

• Added DNSSEC reference

• Minor nits
Changes between -01 and -02

• After suggestion from Arifumi Matsumoto, added a DHCPv6 option to configure explicitly which suffixes are particularly served by a DNS server – and prefer that server with matching FQDNs. DHCPv4 option not yet included, could be similar.

– DNS suffixes: The list of DNS suffixes MUST be encoded as specified in section "Representation and use of domain names" of RFC3315

• Added reference to draft-wing-behave-dns64-config

• Minor nits
Call for feedback

• Please comment on the draft and proposal directly or on the MIF mailing list
• Improvement ideas welcome, also as direct text input