

ALTO Server Discovery

draft-ietf-alto-server-discovery-04

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Updates in -04

- Scope limited to uncontrolled environments where resource consumer discovers ALTO server
 - Removal of reverse DNS query
 - Reverse DNS query issues documented in section 1.1.2
- 3rd party discovery left open
 - Information by 3rd party protocol (out of scope)
 - Mechanism documented in draft-kist-alto-3pdisc-00
- Non-DHCP networks: New PPP extension for Access Network Domain Name configuration
- Additional text on agent/proxy/VPN scenarios; discovery of addresses out of scope

PPP Extension for Access Network Domain Name configuration

- Focus: PPP [RFC1661] IPCP [RFC1332] configuration of residential user equipment
- New section: Deployment considerations for PPP option
 - If PPP is terminated at residential gateway other mechanisms might be used to forward discovery information to ALTO client (e.g., DHCP)
 - Details not specified

PPP Extension for Access Network Domain Name configuration

- Extension defined analogous to DHCP option [RFC5986]

– Access Network Name Encoding

```

+---+---+---+---+---+---+---+---+---+---+---+---+
| 7 | e | x | a | m | p | l | e | 3 | c | o | m | 0 |
+---+---+---+---+---+---+---+---+---+---+---+---+

```

– IPCP Configuration Option

Type	Len	Access Network Domain Name					
TBD	n	s1	s2	s3	s4	s5	...

Type: to be assigned by IANA

Len: Length of the 'Access Network Domain Name' in octets

Access Network Domain Name: Domain name encoded as above

Next Steps

- All concerns addressed?

Thank you
and
Time for your questions!

Acks

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