

ALTO Server Discovery Based on Well-Known Address

IETF-86 Orlando

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Problem Statement

- Before any ALTO messages are exchanged, how does an ALTO Client discover the address of the ALTO Server?
- Follow up: How can ALTO be deployed?

Current Proposed Methods and Issues

- DHCP Option

- Requires updates to DHCP Server, some DHCP clients and, in the case of broadband deployments, CPE to pass option to client.
- Some networks do not use DHCP

- DNS

- Requires updates to DNS Server and DNS clients determining the domain name of where ALTO Server is located.

Proposed solution

- Anycast address
 - Almost no dependency on network configuration or operator
 - Works out of the box
 - Application and ALTO Client friendly
 - Built-in Redundancy