

Two PANA-based Approaches

Yoshihiro Ohba (Toshiba)

Two PANA-based Approaches

- Side-by-side:
 - <http://tools.ietf.org/html/draft-ohba-pcp-pana-03>
- Encapsulation
 - <http://tools.ietf.org/html/draft-ohba-pcp-pana-encap-00>

Summary of the Two Approaches

	Side-by-Side	Encapsulation
Decoding	If (Bit0==1) then PANA else PCP	If (Opcode==AUTH) then PANA else other PCP op.
In-band Authentication Capability Discovery	<ul style="list-style-type: none">• ANNOUNCE-based• Trial-and-error1	<ul style="list-style-type: none">• Trial-and-error1• Trial-and-error2

- In “ANNOUNCE-based” discovery,
auth-capable client sends ANNOUNCE request with AUTH_CAPABILITY option
and receives ANNOUNCE response w/ or w/o AUTH_CAPABILITY option
- In “Trial-and-error1” discovery,
client sends unauthenticated PCP legacy request
and receives SUCCESS or AUTHENTICATION_REQUIRED result code
- In “Trial-and-error2” discovery,
auth-capable client sends PCP AUTH request
and receives SUCCESS or UNSUPP_OPCODE result code