Considerations regarding the correct use of EAP-Response/Identity

draft-ietf-radext-populating-eapidentity-00

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Status after adoption as WG item

- BCP track

- Introduced Terminology section
  - Identifiers: plenty of those available
  - We only care about those that transpire to EAP-Response/Identity in one way or another

- Basic advice still unchanged
  - Whatever you use as local encoding, convert it to UTF-8 when putting it inside EAP-Response/Identity
  - If there's a pool of more than one identifier to choose from, run a sequence of EAP sessions until one succeeds

Discussion Points on ML

1) Choice of terminology SOLVED

- Inner Identity → User Identifier
- Outer Identity → Realm Identifier
- Will use the latter in next rev

2) Can we mandate that all EAP-Response/Identity MUST be UTF-8? Yes. SOLVED

- BCP && Updates: 3748
- Nothing stopping us?

3) Local encodings of identifiers SOLVED

- No restrictions: what happens in the supplicant, stays in the supplicant
- But MUST convert whatever you have to UTF-8 when sending

Discussion Points on ML (2)

1) Cardinality of realm vs. user identifiers SOLVED

- There can be m user identifiers
- There can be n < m realm identifiers
- Realm in user idenfifier (if any) does not necessarily match realm identifier
- Choice of "n" is dependent on EAP method that uses "m" i.e. first choose EAP method, then look up realm identifier replace „matches" with „dependency"

2) User identifier SOLVED

- New EAP methods and existing ones permitting it: NAI
- Otherwise: whatever the method needs

3) Realm identifiers: local part and NAI-ness SOLVED

- Local part empty: best choice
- "anonymous" just for backward compatibility
- SHOULD NAI for closed enterprises / MUST NAI otherwise

Discussion Points from memory

1) At one point, we touched the topic "normalisation"

- Suggestion: follow NAI wording: EAP peer may normalise before sending.
- i.e. nobody else touch it!

Next Steps

1) Converge on open issues

2) New rev

3) Lather, rinse, repeat :-)