

Applying Generate Random Extensions And Sustain Extensibility (GREASE) to EDHOC Extensibility

`draft-ietf-core-edhoc-grease-00`

Christian Amsüss

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GREASE

- “Only by using the extension capabilities of a protocol is the availability of that capability assured.” [RFC 9170](#)¹
- This draft just does that.

¹Also [edm-protocol-greasing](#).

Major question: Are COSE headers a greasable extension point?

On the nature of ID_CRED_x

```
ID_CRED_I = {4: 'one', 12345: "narf"}  
{-12345: 99999999(["zort", null, [{}]]), 14: {8: ...}}
```

Outcomes:

- 1 It's not a usable extension point.
- 2 Grease it.

<https://github.com/lake-wg/grease/issues/1>

Other questions

- Open: Be explicit about failure when seeing critical form?

Editorial – mechanics are clear, using it this way is out of scope.

<https://github.com/lake-wg/grease/issues/2>

- Closing: Only Initiator can grease suites.

Yes.

Interop

- 1 Fix own libraries.
- 2 Try with others.

Next steps

- Answer COSE header question. Need help.
- Interop: Hold at which stage until done?