# Common option compression draft-amsuess-core-TBD

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## Single simple use case

".well-known/\*"

".well-known/edhoc" eats 18 bytes BCP190 says it needs to be /.well-known/, and there's a preference for descriptive names

- Define empty option 501 (critical, safe, cachekey; 3 bytes) to mean "/.well-known/edhoc"
- Mutually exclusive with Uri-Path and Proxy-Uri
- Bycatch: can have uint value to give short version for "/.well-known/core" too (4 bytes – fight!)
- Problem solved.

#### What else could this do

without actually doing it any different - if you were happy with the above, read things that way

Express as SCHC C/D rule (see pelov-lpwan-architecture)

Equivalence can become machine-readable and transformable

Generalization for whatever else could be needed (Uri-Host-Literal?)

Further potential in non-traditional responses (short-hands for Response-For)

# Retroactive simplification of concepts

by example of oscore-edhoc, without needs for change

Alternative definition for EDHOC option: "invokes some SCHC rules"

POST, OSCORE: odat, EDHOC	$\iff$	POST /.well-known/edhoc,
Payload: edat, odat2		Payload: edat
		POST OSCORE: odat
		Payload: odat2
2.04 Changed, OSCORE,	$\iff$	2.04 Changed
Payload: odat3		2.04 Changed, OSCORE
		Payload: odat3
4.00 Bad Response	$\iff$	4.00 Bad Response
Payload: edat2		Payload: edat2
		4.01 Unauthorized

Note that C/D and F/R invoking rules on the request apply to both request and response.

## Questions

- Urgency?
- Value in generalization?