

GetInfo

MakeCredentia

Host requests Device to report

Host requests gener

al

ation of a

Host requests cryptographic

Client uses this command to
obtain the next per-credential

Host sends PIN to Device in

Host requ

MSG	CBOR	INIT	PING	CANCEL	ERROR	KEEPALIVE	WINK	LOCK
No need to implement as the CTAPHID_MSG Command is for Backward Compatibility with U2F Devices	Receive the CBOR encoded message. Feed it to the CBOR decoder and then execute the encapsulated CTAP2 Command	Handle the INIT Command. Respond with the 8-byte Nonce, the 4-byte Channel ID and other metadata.	Echo back the n-byte payload to the client with the same command.	Requested by the Client to Cancel any outstanding requests on the active Channel ID.	Used by Authenticator to relay any and all Error Messages.	Used for indicating device is active while processing a CTAPHID_MSG command. No need to implement.	For Visual/Audible identification of a particular Authenticator device, when more than one device is attached to the client.	Places an exclusive lock for one channel to communicate with the device. Maximum locking duration is 10 seconds.

GetAssertion	GetNextAssertion	ClientPIN
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Cancel

Reset

into the Authenticator

Used by the client to reset or

Host requests Device to report
version, extension, ID and
capabilities

Host requests gener
new credential i
authenticato

NO INPUT

versions
extensions
aaguid
options
maxMsgSize
pinProtocols

clientDataHash
rp
user
pubKeyCredParams
excludeList
extensions
options
pinAuth
pinProtocol

ation or a
n the
ir.

proof of user authentication as
well as user consent to a given
transaction.

obtain the next per-credential
signature for a given
authenticatorGetAssertion
request.

Host sends PIN to Device in
encrypted format while setting
or changing a PIN.

Host reques
to cancel a
are retui

authData
fmt
attSmt

rpId
clientDataHash
allowList
extensions
options
pinAuth
pinProtocol

credential
authData
signature
user
numberOfCredentials

NO INPUT

credential
authData
signature
user

Get Retries
Get Key Agreement
Set PIN
Change PIN
Get PIN token

NO INPUT

pinProtocol
subCommand
keyAgreement
pinAuth
newPinEnc
pinHashEnc
getKeyAgreement
getRetries

KeyAgreement
pinToken
retries

Resets the Authenticator
and all ongoing operations
back to a ready state

Used by the client to reset an
authenticator back to a factory
default state

success/failure

NO INPUT

NO OUTPUT