

draft-nharper-tokbind-tls13

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Section 2: Token Binding TLS Extension

ClientHello
+ token_binding

TLS 1.2
ServerHello
+ token_binding

TLS 1.3
ServerHello
EncryptedExtensions
+ token_binding

Allowed
ClientHello
+ token_binding
+ early_data

Forbidden
EncryptedExtensions
+ token_binding
+ early_data

Section 4: Clarification of TokenBinding.signature

Uses the exporter defined in TLS 1.3 §7.5, the replacement for the RFC 5705 EKM.

“[The exporter value is] computed with the following parameters:

- Secret: exporter_master_secret.
- label: The ASCII string "EXPORTER-Token-Binding" with no terminating NUL.
- context_value: No context value is supplied.
- key_length: 32 bytes.”

(These are the same inputs as in TBPROTO)