Module sui::authenticator_state

Singleton shared object which stores the global authenticator state. The actual state is stored in a dynamic field of type AuthenticatorStateInner to support future versions of the authenticator state.

Must match the JWK struct in fastcrypto-zkp

Must match the JwkId struct in fastcrypto-zkp

Sender is not @0x0 the system address.

Create and share the AuthenticatorState object. This function is call exactly once, when the authenticator state object is first created. Can only be called by genesis or change_epoch transactions.

Record a new set of active_jwks. Called when executing the AuthenticatorStateUpdate system transaction. The new input vector must be sorted and must not contain duplicates. If a new JWK is already present, but with a previous epoch, then the epoch is updated to indicate that the JWK has been validated in the current epoch and should not be expired.

Get the current active jwks. Called when the node starts up in order to load the current JWK state from the chain.

Struct

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