Warp Route Interface

Interface

Hyperlane Warp Routes leverage theIHypERC20 token interface. Warp Route tokens implement this interface, which extends the standardERC20 interface.

/// @notice An interchain extension of the ERC20 interface interface

IHypERC20

is IERC20 { /* * *@notice Transfers tokens to the specified recipient on a remote chain * @param _destination The domain ID of the destination chain * @param _recipient The address of the recipient, encoded as bytes32 * @param _amount The amount of tokens to transfer* / function

transferRemote (uint32 _destination , bytes32 _recipient , uint256 _amount)

external

payable ; }

Security considerations

The deployer of a Warp Route can optionally specify the interchain security modules (ISMs) that are used to verify interchain transfer messages.

This means that each Warp Route may have a unique security configuration. Users transferring interchain tokens should understand the trust assumptions of a Route before using it.

Similarly, Warp frontends should manually curate their warp routes to avoid supporting insecure ones. See the Warp UI deployment docs details.

Deploy your Warp Route

Ready to deploy your Warp Route? It's easy - follow thestep-by-step guide . Edit this page Previous Warp Routes Next Warp Routes: Types