Module bridge::message

Emergency op payload is just a single byte

Token Transfer Message Format: [message_type: u8] [version:u8] [nonce:u64] [source_chain: u8] [sender_address_length:u8] [sender_address: byte[]] [target_chain:u8] [target_address_length:u8] [target_address: byte[]] [token_type:u8] [amount:u64]

Emergency Op Message Format: [message type: u8] [version:u8] [nonce:u64] [chain id: u8] [op type: u8]

Blocklist Message Format: [message_type: u8] [version:u8] [nonce:u64] [chain_id: u8] [blocklist_type: u8] [validator_length: u8] [validator_ecdsa_addresses: byte[][]]

Update bridge limit Message Format: [message_type: u8] [version:u8] [nonce:u64] [receiving_chain_id: u8] [sending_chain_id: u8] [new limit: u64]

Update asset price message [message type: u8] [version:u8] [nonce:u64] [chain id: u8] [token id: u8] [new price:u64]

Update Sui token message [message_type:u8] [version:u8] [nonce:u64] [chain_id: u8] [native_token:bool] [token_ids:vector] [token_type_name:vector] [token_prices:vector]

Return the required signature threshold for the message, values are voting power in the scale of 10000

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[sender_address: byte[]] [target_chainu8] [target_address_lengthu8] [target_address: byte[]] [token_type:u8] [amount:u64]
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Emergency Op Message Format: [message_type: u8] [versionu8] [nonce:u64] [chain_id: u8] [op_type: u8]
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| Blocklist Message Format: [message_type: u8] [version:u8] [nonce:u64] [chain_id: u8] [blocklist_type: u8] [validator_length: u8] [validator_ecdsa_addresses: byte[]]] |
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| Emergency op payload is just a single byte                                                                                                                                                                                                          |
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| Token Transfer Message Format: [message_type: u8] [versionu8] [nonce:u64] [source_chain: u8] [sender_address_length:u8] [sender_address: byte[]] [target_chain:u8] [target_address_length:u8] [target_address: byte[]] [token_type:u8] [amount:u64] |
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Update bridge limit Message Format: [message_type: u8] [version:u8] [nonce:u64] [receiving_chain_id: u8] [sending_chain_id: u8]
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Update asset price message [message_type: u8] [version:u8] [nonce:u64] [chain_id: u8] [token_id: u8] [new_price:u64]
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Update Sui token message [message_type:u8] [version:u8] [nonce:u64] [chain_id: u8] [native_token:bool] [token_ids:vector]
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Token Transfer Message Format: [message\_type: u8] [versionu8] [nonce:u64] [source\_chain: u8] [sender\_address\_length:u8]

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[sender_address: byte[]] [target_chain:u8] [target_address_length:u8] [target_address: byte[]] [token_type:u8] [amount:u64]
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Emergency Op Message Format: [message_type: u8] [version:u8] [nonce:u64] [chain_id: u8] [op_type: u8]
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Blocklist Message Format: [message_type: u8] [version:u8] [nonce:u64] [chain_id: u8] [blocklist_type: u8] [validator_length: u8]
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Update bridge limit Message Format: [message_type: u8] [version:u8] [nonce:u64] [receiving_chain_id: u8] [sending_chain_id: u8]
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Update Sui token message [message_type:u8] [version:u8] [nonce:u64] [chain_id:u8] [native_token:bool] [token_ids:vector]
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Token Transfer Message Format: [message\_type: u8] [version:u8] [nonce:u64] [source\_chain: u8] [sender\_address\_length:u8] [sender address: byte[]] [target chain:u8] [target address length:u8] [target address: byte[]] [token type:u8] [amount:u64] ```bash ... ```bash Emergency Op Message Format: [message\_type: u8] [version:u8] [nonce:u64] [chain\_id: u8] [op\_type: u8] ```bash ```bash Blocklist Message Format: [message\_type: u8] [version:u8] [nonce:u64] [chain\_id: u8] [blocklist\_type: u8] [validator\_length: u8] [validator\_ecdsa\_addresses: byte[][]] ```bash \*\*\* ```bash Update bridge limit Message Format: [message\_type: u8] [version:u8] [nonce:u64] [receiving\_chain\_id: u8] [sending\_chain\_id: u8] [new\_limit: u64] ```bash ```bash Update asset price message [message\_type: u8] [version:u8] [nonce:u64] [chain\_id: u8] [token\_id: u8] [new\_price:u64] ```bash ```bash ... Update Sui token message [message\_type:u8] [version:u8] [nonce:u64] [chain\_id:u8] [native\_token:bool] [token\_ids:vector] [token type name:vector] [token prices:vector] ```bash ... ```bash

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| Emergency op payload is just a single byte | |
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| [sender_address: byte[]] [target_chain:u8] [target_address_length:u8] [target_address: byte[]] [token_type:u8] [amount:u64] |
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| Blocklist Message Format: [message_type: u8] [version:u8] [nonce:u64] [chain_id: u8] [blocklist_type: u8] [validator_length: u8] [validator_ecdsa_addresses: byte[][]] |
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| Update Sui token message [message_type:u8] [version:u8] [nonce:u64] [chain_id: u8] [native_token:bool] [token_ids:vector] [token_type_name:vector] [token_prices:vector] |
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Token Transfer Message Format: [message_type: u8] [versionu8] [nonce:u64] [source_chain: u8] [sender_address_length:u8]

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Emergency Op Message Format: [message_type: u8] [versionu8] [nonce:u64] [chain_id: u8] [op_type: u8]
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| $\label{lem:control_point} \begin{tabular}{ll} Update Sui token message [message_type:u8] [version:u8] [nonce:u64] [chain_id:u8] [native_token:bool] [token_ids:vector] [token_type_name:vector] [token_prices:vector] \end{tabular}$ |
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Update asset price message [message_type: u8] [version:u8] [nonce:u64] [chain_id: u8] [token_id: u8] [new_price:u64]
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Update Sui token message [message_type:u8] [version:u8] [nonce:u64] [chain_id: u8] [native_token:bool] [token_ids:vector]
[token_type_name:vector] [token_prices:vector]
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Return the required signature threshold for the message, values are voting power in the scale of 10000
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| Function                                                                                                 |
|----------------------------------------------------------------------------------------------------------|
| ```bash                                                                                                  |
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| ····                                                                                                     |
| Return the required signature threshold for the message, values are voting power in the scale of $10000$ |
| ```bash                                                                                                  |
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| ```bash                                                                                                  |
| ***                                                                                                      |
| Function                                                                                                 |

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# **Function**

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## **Function**

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