

cosmos_vote_beta1_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
proposal_id	VARCHAR	NN
voter_address_id	uuid	NN
options	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_delegate_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

alliance_delegate_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_withdrawvalidatorcommission_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

blocks		
block_id ϕ	uuid	NN
block_hash	VARCHAR	NN
chain_id	VARCHAR	NN
height	VARCHAR	NN
tx_num	VARCHAR	NN
created_at	timestamp	NN

type		
id ϕ	uuid	NN
type	VARCHAR	NN
height	VARCHAR	NN

transactions		
tx_id ϕ	uuid	NN
block_id	uuid	NN
tx_hash	VARCHAR	NN
chain_id	VARCHAR	NN
height	VARCHAR	NN
memo	VARCHAR	NN
fee_denom	VARCHAR	NN
fee_amount	VARCHAR	NN
gas_limit	VARCHAR	NN
created_at	timestamp	NN
tx_info	jsonb	NN
comment	VARCHAR	NN

address		
address_id ϕ	uuid	NN
address_type	VARCHAR	NN
addresses	VARCHAR	NN
comment	VARCHAR	NN
created_at	timestamp	NN
updated_at	timestamp	NN

cosmwasm_executecontract_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
send_address_id	uuid	NN
tx_type	VARCHAR	NN
contracts	VARCHAR	NN
msg	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmwasm_instantiatecontract_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
send_address_id	uuid	NN
admin_address_id	uuid	NN
tx_type	VARCHAR	NN
code_id	VARCHAR	NN
label	VARCHAR	NN
msg	VARCHAR	NN
funds	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmwasm_storecode_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
sender_address_id	uuid	NN
tx_type	VARCHAR	NN
wasm_byte_code	VARCHAR	NN
instantiate_permission	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

ibc_acknowledgement_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
sequence_num	VARCHAR	NN
source_port	VARCHAR	NN
source_channel	VARCHAR	NN
destination_port	VARCHAR	NN
destination_channel	VARCHAR	NN
data_msg	VARCHAR	NN
timeout_height_revision_number	VARCHAR	NN
timeout_height_revision_height	VARCHAR	NN
timeout_timestamp	VARCHAR	NN
acknowledgement	VARCHAR	NN
proof_acked	VARCHAR	NN
proof_height_revision_number	VARCHAR	NN
proof_height_revision_height	VARCHAR	NN
signer	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

ibc_updateclient_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
client_id	VARCHAR	NN
client_message	jsonb	NN
signer	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

ibc_channelopenconfirm_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
port_id	VARCHAR	NN
channel_id	VARCHAR	NN
proof_acked	VARCHAR	NN
proof_height_revision_number	VARCHAR	NN
proof_height_revision_height	VARCHAR	NN
signer	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_multisend_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
inputs_address_id	uuid	NN
inputs_denom	VARCHAR	NN
inputs_amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_multisend_outputs		
id ϕ	uuid	NN
message_id	uuid	NN
outputs_address_id	uuid	NN
outputs_denom	VARCHAR	NN
outputs_amount	VARCHAR	NN

alliance_undelegate_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_grant_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
send_address_id	uuid	NN
receive_address_id	uuid	NN
tx_type	VARCHAR	NN
authorizationtype	VARCHAR	NN
max_tokens	VARCHAR	NN
authorization_type	VARCHAR	NN
msg	VARCHAR	NN
expiration	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_grant_allowlist		
address_id ϕ	uuid	NN
message_id	uuid	NN
addresses	VARCHAR	NN

cosmos_beginredelegate_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_src_address_id	uuid	NN
validator_dst_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

alliance_redelegate_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_src_address_id	uuid	NN
validator_dst_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

alliance_claimdelegationrewards_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_undelegate_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_edvalidator_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
description_moniker	VARCHAR	NN
description_identity	VARCHAR	NN
description_website	VARCHAR	NN
description_security_contact	VARCHAR	NN
description_details	VARCHAR	NN
commission_rate	VARCHAR	NN
min_self_delegation	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_exec_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
receive_address_id	uuid	NN
tx_type	VARCHAR	NN
msg_num	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

ibc_recvpacket_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
sequence_num	VARCHAR	NN
source_port	VARCHAR	NN
source_channel	VARCHAR	NN
destination_port	VARCHAR	NN
destination_channel	VARCHAR	NN
data_msg	VARCHAR	NN
timeout_height_revision_number	VARCHAR	NN
timeout_height_revision_height	VARCHAR	NN
timeout_timestamp	VARCHAR	NN
proof_commitment	VARCHAR	NN
proof_height_revision_number	VARCHAR	NN
proof_height_revision_height	VARCHAR	NN
signer	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_withdrawdelegatorreward_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

ibc_transfer_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
sender_address_id	uuid	NN
receiver_address_id	uuid	NN
tx_type	VARCHAR	NN
source_port	VARCHAR	NN
source_channel	VARCHAR	NN
token_denom	VARCHAR	NN
token_amount	VARCHAR	NN
timeout_height_revision_num	VARCHAR	NN
timeout_height_revision_height	VARCHAR	NN
timeout_timestamp	VARCHAR	NN
memo	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_vote_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
proposal_id	VARCHAR	NN
voter_address_id	uuid	NN
options	VARCHAR	NN
metadata	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_unjail_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
validator_addr_id	uuid	NN
message_info	jsonb	NN
comment	VARCHAR	NN

ibc_channelopenentry_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
port_id	VARCHAR	NN
previous_channel_id	VARCHAR	NN
channel_state	VARCHAR	NN
channel_ordering	VARCHAR	NN
counterparty_port_id	VARCHAR	NN
counterparty_channel_id	VARCHAR	NN
connection_hops	VARCHAR	NN
counterparty_version	VARCHAR	NN
proof_init	VARCHAR	NN
proof_height_revision_number	VARCHAR	NN
proof_height_revision_height	VARCHAR	NN
signer	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

ibc_timeout_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
sequence_num	VARCHAR	NN
source_port	VARCHAR	NN
source_channel	VARCHAR	NN
proof_height_revision_number	VARCHAR	NN
proof_height_revision_height	VARCHAR	NN
destination_channel	VARCHAR	NN
data_msg	VARCHAR	NN
timeout_height_revision_number	VARCHAR	NN
timeout_height_revision_height	VARCHAR	NN
timeout_timestamp	VARCHAR	NN
proof_unreceived	VARCHAR	NN
proof_height_revision_number	VARCHAR	NN
proof_height_revision_height	VARCHAR	NN
next_seq_recv	VARCHAR	NN
signer	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_vote_beta1_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
proposal_id	VARCHAR	NN
voter_address_id	uuid	NN
options	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_delegate_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

alliance_delegate_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_withdrawvalidatorcommission_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

blocks		
block_id ϕ	uuid	NN
block_hash	VARCHAR	NN
chain_id	VARCHAR	NN
height	VARCHAR	NN
tx_num	VARCHAR	NN
created_at	timestamp	NN

type		
id ϕ	uuid	NN
type	VARCHAR	NN
height	VARCHAR	NN

transactions		
tx_id ϕ	uuid	NN
block_id	uuid	NN
tx_hash	VARCHAR	NN
chain_id	VARCHAR	NN
height	VARCHAR	NN
memo	VARCHAR	NN
fee_denom	VARCHAR	NN
fee_amount	VARCHAR	NN
gas_limit	VARCHAR	NN
created_at	timestamp	NN
tx_info	jsonb	NN
comment	VARCHAR	NN

address		
address_id ϕ	uuid	NN
address_type	VARCHAR	NN
addresses	VARCHAR	NN
comment	VARCHAR	NN
created_at	timestamp	NN
updated_at	timestamp	NN

cosmwasm_executecontract_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
send_address_id	uuid	NN
tx_type	VARCHAR	NN
contracts	VARCHAR	NN
msg	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmwasm_instantiatecontract_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
send_address_id	uuid	NN
admin_address_id	uuid	NN
tx_type	VARCHAR	NN
code_id	VARCHAR	NN
label	VARCHAR	NN
msg	VARCHAR	NN
funds	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmwasm_storecode_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
sender_address_id	uuid	NN
tx_type	VARCHAR	NN
wasm_byte_code	VARCHAR	NN
instantiate_permission	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

ibc_acknowledgement_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
sequence_num	VARCHAR	NN
source_port	VARCHAR	NN
source_channel	VARCHAR	NN
destination_port	VARCHAR	NN
destination_channel	VARCHAR	NN
data_msg	VARCHAR	NN
timeout_height_revision_number	VARCHAR	NN
timeout_height_revision_height	VARCHAR	NN
timeout_timestamp	VARCHAR	NN
acknowledgement	VARCHAR	NN
proof_acked	VARCHAR	NN
proof_height_revision_number	VARCHAR	NN
proof_height_revision_height	VARCHAR	NN
signer	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

ibc_updateclient_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
client_id	VARCHAR	NN
client_message	jsonb	NN
signer	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

ibc_channelopenconfirm_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
port_id	VARCHAR	NN
channel_id	VARCHAR	NN
proof_acked	VARCHAR	NN
proof_height_revision_number	VARCHAR	NN
proof_height_revision_height	VARCHAR	NN
signer	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_multisend_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
inputs_address_id	uuid	NN
inputs_denom	VARCHAR	NN
inputs_amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_multisend_outputs		
id ϕ	uuid	NN
message_id	uuid	NN
outputs_address_id	uuid	NN
outputs_denom	VARCHAR	NN
outputs_amount	VARCHAR	NN

alliance_undelegate_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_grant_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
send_address_id	uuid	NN
receive_address_id	uuid	NN
tx_type	VARCHAR	NN
authorizationtype	VARCHAR	NN
max_tokens	VARCHAR	NN
authorization_type	VARCHAR	NN
msg	VARCHAR	NN
expiration	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_grant_allowlist		
address_id ϕ	uuid	NN
message_id	uuid	NN
addresses	VARCHAR	NN

cosmos_beginredelegate_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_src_address_id	uuid	NN
validator_dst_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

alliance_redelegate_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_src_address_id	uuid	NN
validator_dst_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

alliance_claimdelegationrewards_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_undelegate_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_edvalidator_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
description_monitor	VARCHAR	NN
description_identity	VARCHAR	NN
description_website	VARCHAR	NN
description_security_contact	VARCHAR	NN
description_details	VARCHAR	NN
commission_rate	VARCHAR	NN
min_self_delegation	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_send_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
from_address_id	uuid	NN
to_address_id	uuid	NN
tx_type	VARCHAR	NN
tx_denom	VARCHAR	NN
amount	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_exec_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
receive_address_id	uuid	NN
tx_type	VARCHAR	NN
msg_num	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_revoke_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
send_address_id	uuid	NN
receive_address_id	uuid	NN
tx_type	VARCHAR	NN
msg_type_url	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

ibc_recvpacket_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
sequence_num	VARCHAR	NN
source_port	VARCHAR	NN
source_channel	VARCHAR	NN
destination_port	VARCHAR	NN
destination_channel	VARCHAR	NN
data_msg	VARCHAR	NN
timeout_height_revision_number	VARCHAR	NN
timeout_height_revision_height	VARCHAR	NN
timeout_timestamp	VARCHAR	NN
proof_commitment	VARCHAR	NN
proof_height_revision_number	VARCHAR	NN
proof_height_revision_height	VARCHAR	NN
signer	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_withdrawdelegatorreward_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
delegator_address_id	uuid	NN
validator_address_id	uuid	NN
tx_type	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

ibc_transfer_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
sender_address_id	uuid	NN
receiver_address_id	uuid	NN
tx_type	VARCHAR	NN
source_port	VARCHAR	NN
source_channel	VARCHAR	NN
token_denom	VARCHAR	NN
token_amount	VARCHAR	NN
timeout_height_revision_num	VARCHAR	NN
timeout_height_revision_height	VARCHAR	NN
timeout_timestamp	VARCHAR	NN
memo	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_vote_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
proposal_id	VARCHAR	NN
voter_address_id	uuid	NN
options	VARCHAR	NN
metadata	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

cosmos_unjail_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
validator_addr_id	uuid	NN
message_info	jsonb	NN
comment	VARCHAR	NN

ibc_channelentry_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
port_id	VARCHAR	NN
previous_channel_id	VARCHAR	NN
channel_state	VARCHAR	NN
channel_ordering	VARCHAR	NN
counterparty_port_id	VARCHAR	NN
counterparty_channel_id	VARCHAR	NN
connection_hops	VARCHAR	NN
counterparty_version	VARCHAR	NN
proof_init	VARCHAR	NN
proof_height_revision_number	VARCHAR	NN
proof_height_revision_height	VARCHAR	NN
signer	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN

ibc_timeout_msg		
message_id ϕ	uuid	NN
tx_id	uuid	NN
tx_type	VARCHAR	NN
sequence_num	VARCHAR	NN
source_port	VARCHAR	NN
source_channel	VARCHAR	NN
destination_port	VARCHAR	NN
destination_channel	VARCHAR	NN
data_msg	VARCHAR	NN
timeout_height_revision_number	VARCHAR	NN
timeout_height_revision_height	VARCHAR	NN
timeout_timestamp	VARCHAR	NN
proof_unreceived	VARCHAR	NN
proof_height_revision_number	VARCHAR	NN
proof_height_revision_height	VARCHAR	NN
next_seq_rcv	VARCHAR	NN
signer	VARCHAR	NN
message_info	jsonb	NN
comment	VARCHAR	NN