Database Schema Diagram

qos_measurement_results

Column	Type	Key
id	bigint	PK
qos_measurement_id	bigint	
implausible	boolean	
result	jsonb	
type	varchar	
qos_objective_id	bigint	
success_count	integer	
failure_count	integer	

qos_objectives

Column	Type	Key
id	integer	PK
enabled	boolean	
type	varchar	
concurrency_group	integer	
summary_key	varchar	
description_key	varchar	
parameters	jsonb	
evaluations	jsonb	

qos_measurements

Column	Type	Key
id	bigint	PK
relative_start_time_ns	bigint	
relative_end_time_ns	bigint	
start_time	timestamp	
end_time	timestamp	
duration_ns	bigint	
measurement_uuid	uuid	
status	varchar	
reason	varchar	
version_protocol	varchar	
version_library	varchar	
implausible	boolean	

measurements

Column	Type	Key
uuid	uuid	PK
opendata_source	varchar	
start_time	timestamp	
end_time	timestamp	
duration_ns	bigint	
os_name	varchar	
os_version	varchar	
os_api_level	varchar	
os_cpu_usage	jsonb	
os_mem_usage	jsonb	
device_codename	varchar	
device_model	varchar	
device_fullname	varchar	
network_client_public_ip	inet	
provider_public_ip_asn	integer	
provider_public_ip_rdns	varchar	
provider_public_ip_as_name	varchar	
provider_country_asn	varchar(8)	
provider_name	varchar	
provider_shortname	varchar	
open_data_uuid	uuid	
client_app_version_name	varchar	
client_app_version_code	integer	
client_language	varchar(8)	
client_app_git_rev	varchar	
client_timezone	varchar	
client_uuid	uuid	
network_signal_info	jsonb	
network_cell_location_info	jsonb	
mobile_network_operator_mcc	integer	
mobile_network_operator_mnc	integer	
mobile_network_country_code	varchar(10)	
mobile_network_operator_name	varchar	
mobile_sim_operator_mcc	integer	
mobile_sim_operator_mnc	integer	
mobile_sim_operator_name	varchar	
mobile_is_roaming	boolean	
mobile_sim_country_code	varchar(10)	
mobile_roaming_type	varchar	
initial_network_type_id	integer	
geo_location_accuracy	double precision	
mobile_network_signal_strength_2g3g_dbm	integer	
mobile_network_lte_rsrp_dbm	integer	
mobile_network_lte_rsrp_db	integer	
mobile_network_lte_rssnr_db	integer	
wifi_network_link_speed_bps	integer	
wifi_network_rssi_dbm	integer	
network_group_name	varchar	
network_client_public_ip_country_code	varchar	
client_type	varchar	
geo_location_latitude	double precision	
geo_location_longitude	double precision	
network_cell_location_arfcn	integer	
tag	varchar	
wifi_initial_bssid	varchar	
wifi_initial_ssid	varchar	

clients

Column	Type	Key
uuid	uuid	PK
client_type	varchar(40)	
registration_time	timestamp	
terms_and_conditions_accepted	boolean	
terms_and_conditions_accepted_version	integer	
terms_and_conditions_accepted_time	timestamp	
group_name	varchar	

network_types

Column	Type	Key
id	bigint	PK
name	varchar	
group_name	varchar	
category	varchar	

speed_measurements

Column	Type	Key
id	bigint	PK
relative_start_time_ns	bigint	
relative_end_time_ns	bigint	
start_time	timestamp	
end_time	timestamp	
duration_ns	bigint	
measurement_uuid	uuid	
status	varchar	
reason	varchar	
version_protocol	varchar	
version_library	varchar	
implausible	boolean	
throughput_avg_download_bps	bigint	
throughput_avg_upload_bps	bigint	
throughput_avg_download_log	double precision	
throughput_avg_upload_log	double precision	
bytes_download	bigint	
requested_duration_download_ns	bigint	
requested_duration_upload_ns	bigint	
duration_upload_ns	bigint	
duration_download_ns	bigint	
relative_start_time_upload_ns	bigint	
relative_start_time_download_ns	bigint	
duration_rtt_ns	bigint	
relative_start_time_rtt_ns	bigint	
connection_info	jsonb	
rtt_median_ns	bigint	
rtt_median_log	double precision	
speed_raw_data	jsonb	
bytes_upload	bigint	
rtt_info	jsonb	
requested_duration_upload_slow_start_ns	bigint	
requested_duration_download_slow_start_ns	bigint	

measurement_servers

Column	Type	Key
uuid	uuid	PK
type	varchar	
name	varchar	
port	integer	
port_tls	integer	
address_ipv4	varchar	
address_ipv6	varchar	
enabled	boolean	
secret_key	varchar	
info_city	varchar	
info_country	varchar	
geo_location_latitude	double precision	
geo_location_longitude	double precision	

providers

Column	Type	Key
id	bigint	PK
name	varchar(255)	
short_name	varchar(64)	
asn_mappings	jsonb	
mcc_mnc_mappings	jsonb	

devices

Column	Type	Key
id	bigint	PK
code_name	varchar	
full_name	varchar	

translations

Column	Type	Key
language_code	varchar(50)	PK
json	jsonb	

settings

Column	Type	Key
id	varchar(100)	PK
json	jsonb	

Relationships
- qos_measurement_results.qos_measurement_id → qos_measurements.id (qos_measurement_id:id)
- qos_measurement_results.qos_objective_id → qos_objectives.id (qos_objective_id:id)
- qos_measurements.measurement_uuid → measurements.uuid (measurement_uuid:uuid)
- measurements.client_uuid → clients.uuid (client_uuid:uuid)
- measurements.initial_network_type_id → network_types.id (initial_network_type_id:id)
- speed_measurements.measurement_uuid → measurements.uuid (measurement_uuid:uuid)

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