Database: ServerEquipmentStatistic
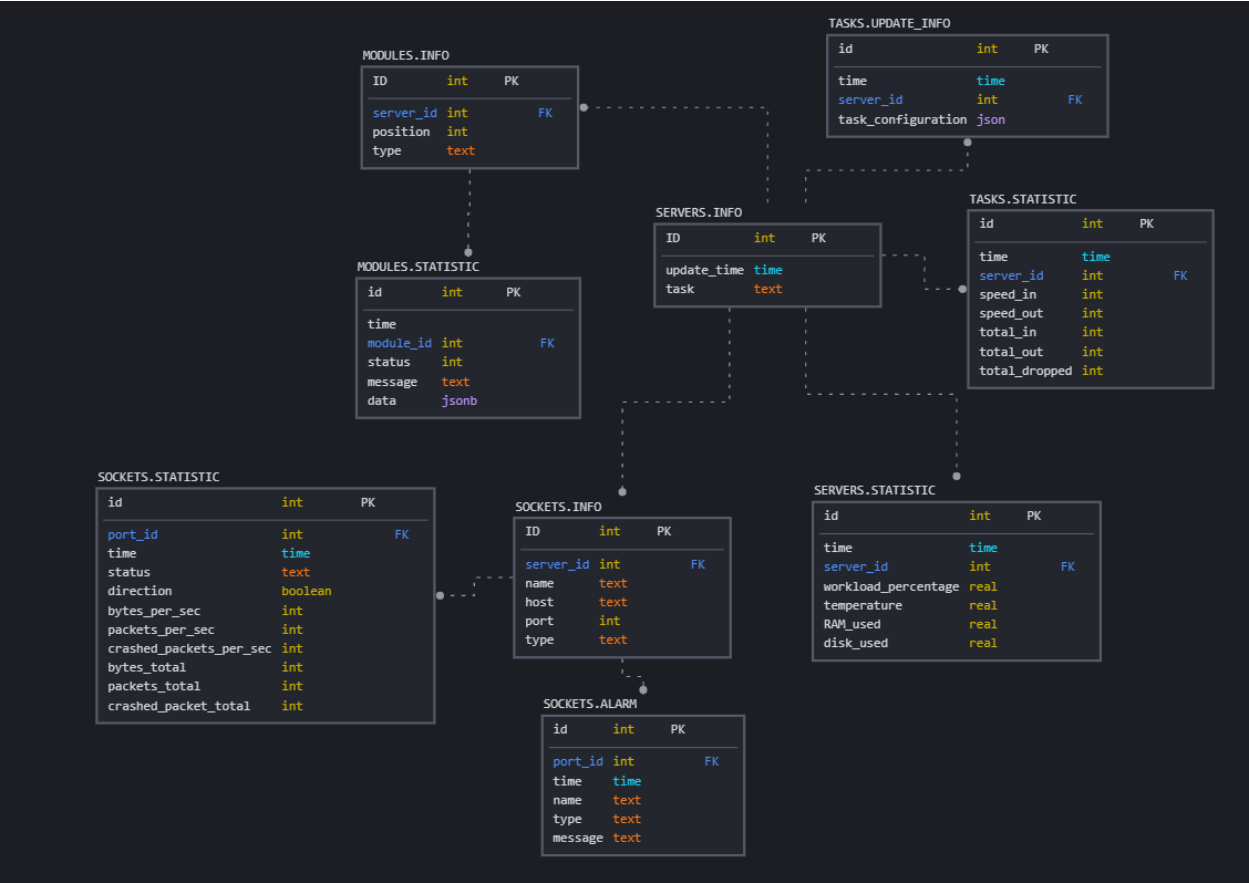

Table SERVERS.INFO

Information about servers

Columns (3)

№	Name	Type	Description
1	ID	int	Server ID
2	update_time	time	Time of task updating
3	task	text	Task description

Table: SERVERS.STATISTIC

Statistic of servers

Columns (7)

№	Name	Type	Description
1	id	int	Record id
2	time	time	Time of record
3	server_id	int	Server ID
4	workload_percentage	real	Workload

5	temperature	real	Server temperature
6	RAM_used	real	Used RAM (bytes)
7	disk_used	real	Used disk memory (bytes)

Table: TASKS.UPDATE_INFO

Statistic of tasks updating

Columns (4)

№	Name	Type	Description
1	id	int	Record id
2	time	time	Time of record
3	server_id	int	Server ID
4	task_configuration	json	Task configuration

Table: TASKS.STATISTIC

Statistic of tasks

Columns (8)

№	Name	Type	Description
1	ID	int	Socket ID
2	time	time	Time of record
3	server_id	int	Server ID
4	speed_in	int	Speed of data receiving (bytes/sec)
5	speed_out	int	Speed of data sending (bytes/sec)
6	total_in	int	All bytes has been received
7	total_out	int	All bytes has been sending
8	total_dropped	int	All bytes has been dropped

Table: MODULES.INFO

Information about tasks modules

Columns (4)

№	Name	Type	Description
1	ID	int	Module ID
2	server_id	int	Server ID
3	position	int	Module position in task
4	type	text	Type of module

Table: MODULES.STATISTIC

Modules statistic

№	Name	Type	Description
1	id	int	Record id
2	time	time	Time of record
3	server_id	int	Server ID
4	status	int	Module status
5	message	text	Message from module
6	data	jsonb	Module statistic

Table: SOCKETS.INFO

Information about sockets

Columns (5)

№	Name	Type	Description
1	ID	int	Socket ID
2	server_id	int	Server ID
3	name	text	Name of socket
4	host	text	Host of socket
5	port	int	Port of socket
6	type	text	Type of socket

Table: SOCKET.STATISTIC

Sockets statistic

Columns (11)

№	Name	Type	Description
1	ID	int	Socket ID
2	port_id	int	Pot ID
3	time	time	Time of record
4	status	text	Port status
5	direction	Boolean	0 – in / 1 – out
6	bytes_per_second	int	Bytes amount per second
7	packate_per_sec	int	Packets amount per second
8	crashed_packet_per_sec	int	Crashed packets amount per second
9	bytes_total	int	Bytes amount during the work
10	packets_total	int	Packets amount during the work
11	crashed_packed_total	int	Crashed packets amount during the work

Table: SOCKETS.ALARM

Statistic of socket alarms

№	Name	Type	Description
1	ID	int	Socket ID
2	port_id	int	Pot ID
3	time	time	Time of record
4	name	text	Alarm name
5	type	text	Alarm type
6	message	text	Alarm text