Events data SQL views

1. Introduction

PrivateServer logs three types of security events that can be accessed trough a read-only SQL view:

- auditing events: users of administration console can change (insert/update/delete) configuration objects. Their actions are logged.
- authentication events: administration services are provided only to authenticated users. Login and logout (successful or not) are logged.
- SIP sessions: VoIP clients are always connected to PrivateServer and periodically register to SIP server. Activity related to stay always connected is logged

These informations are viewable through administration console and could also be exported through read-only SQL views.

2. Auditing events

View: V_AUDIT_EVENT

Field	Type	Description
id	bigint(20)	PK - autoincrement
date_created	datetime	event timestamp
event_type	varchar(255)	type of object change
actor	varchar(255)	user's login
class_name	varchar(255)	type of object changed
object_id	varchar(255)	ID of changed object

3. **Authentication events**

View: V_AUTH_EVENT

Field	Type	Description
id	bigint(20)	PK - autoincrement
date_created	datetime	event timestamp
event_type	varchar(255)	login/logout/login failed
ip_address	varchar(255)	IP address of remote client
principal	varchar(255)	username used for authentication event

4. **SIP sessions**

View: V_SIP_SESSION

Field	Type	Description
id	bigint(20)	PK - autincrement

date_created	datetime	event timestamp
event_type	varchar(10)	type of network event
username	varchar(80)	SIP peername
useragent	varchar(255)	SIP useragent when applicable
remoteaddr	varchar(150)	IP and port of client
tlscipher	varchar(100)	Negotiated TLS cipher cuite

5. **Call Detail Record**

View: V_CDR

Field	**Type**	**Description**
id	bigint(20)	PK - autincrement
calldate	datetime	event timestamp
src	varchar(80)	caller number
src_user_agent	varchar(80)	caller useragent
dst	varchar(80)	called number
dst_user_agent	varchar(80)	called useragent
duration	int(11)	call duration (counting from dialing)
billsec	int(11)	call duration (counting from answer)