

Pandore – Database developer guide

This document is a developer guide for the Pandore project database

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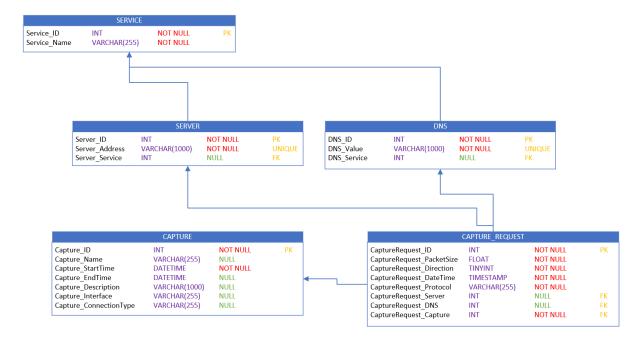
1. General informations

1.1. Server

The database server used for the Pandore project is MariaDB Server 10.6.4

1.2. Database architecture

The diagram below is a class diagram of the database architecture:



2. Versions

2.1. Version 1

• First database architecture implementation

2.2. Version 2

- Fields CaptureRequest DNS and CaptureRequest Server now allow NULL values
- Stored procedure CreateRequestString edited. It allows now to call it with NULL values for DNS or Server fields
- Stored procedure ReadAllRequests edited. New procedure parameter Details. Allows now to get requests with DNS and Server details
- Stored procedure ReadRequestsByCaptureID edited. New procedure parameter Details.
 Allows now to get requests with DNS and Server details
- Stored procedure ReadRequestByID edited. New procedure parameter Details. Allows now to get requests with DNS and Server details

3. Table Service

3.1. Description

This table is used to identify the name of different services (ex: Facebook, Youtube, ...).

It consists of 2 attributes :

Name	Туре	Allow NULL	Constraint	Description
Service_ID	INT		PK	Service ID
Service_Name	VARCHAR(255)		Unique	Service Name

3.2. Stored procedures

3.2.1. CreateService

3.2.1.1. Description

This procedure allows to create a new service into the database

3.2.1.2. Prototype

CreateService (IN Name VARCHAR(255))

3.2.1.3. Parameters

Name	Type	Allow NULL	Description
Name	VARCHAR(255)		Service name

3.2.1.4. Example

CALL CreateService("Facebook");

3.2.2. ReadAllServices

3.2.2.1. Description

This procedure allows to list all services in the database

3.2.2.2. Prototype

ReadAllServices()

3.2.2.3. Returns

Service list ordered alphabetically

```
MariaDB [pandore]> CALL ReadAllServices();
+-----+
| Service_ID | Service_Name |
+-----+
| 1 | Facebook |
| 3 | Google
| 2 | Youtube |
```

3.2.2.4. Example

CALL ReadAllServices();

3.2.3. ReadServiceByID

3.2.3.1. Description

This procedure allows to find a service in the database by its ID

3.2.3.2. Prototype

ReadServiceByID(IN ID INT)

3.2.3.3. Parameters

Name	Туре	Allow NULL	Description
ID	INT		Service ID to find

3.2.3.4. Returns

The service found with the given ID

```
MariaDB [pandore]> CALL ReadServiceByID(1);
+-----+
| Service_ID | Service_Name |
+-----+
| 1 | Facebook |
+-----+
```

3.2.3.5. Example

CALL ReadServiceByID(1);

3.2.4. ReadServiceByName

3.2.4.1. Description

This procedure allows to find a service by its name

3.2.4.2. Prototype

ReadServiceByName(IN Name VARCHAR(255))

3.2.4.3. Parameters

Name	Туре	Allow NULL	Description
Name	VARCHAR(255)		Service name to find

3.2.4.4. Returns

Services found with the given service name

```
MariaDB [pandore]> CALL ReadServiceByName("Facebook");
+------+
| Service_ID | Service_Name |
+-----+
| 1 | Facebook |
+------+
```

3.2.4.5. Example

CALL ReadServiceByName("Facebook");

3.2.5. UpdateService

3.2.5.1. Description

This procedure allows to update an existing service

3.2.5.2. Prototype

UpdateService(IN ID INT, IN Name VARCHAR(255))

3.2.5.3. Parameters

Name	Type	Allow NULL	Description
ID	INT		Service ID to update
Name	VARCHAR(255)		New service name

3.2.5.4. Example

CALL UpdateService(1, "Google");

3.2.6. DeleteServiceByID

3.2.6.1. Description

This procedure allows to delete a service by its ID

3.2.6.2. Prototype

DeleteServiceByID (IN ID INT)

3.2.6.3. Parameters

Name	Type	Allow NULL	Description
ID	INT		ID of the service to delete

3.2.6.4. Example

CALL DeleteServiceByID(1);

3.2.7. DeleteServiceByName

3.2.7.1. Description

This procedure allows to delete a service by its name

3.2.7.2. Prototype

DeleteServiceByName (IN Name VARCHAR(255))

3.2.7.3. Parameters

Name	Type	Allow NULL	Description
Name	VARCHAR(255)		Name of the service to delete

3.2.7.4. Example

CALL DeleteServiceByName("Facebook");

4. Table Server

4.1. Description

This table is used to identify different server addresses and associate them to services

It consists of 3 attributes :

Name	Туре	Allow NULL	Constraint	Description
Server_ID	INT		Primary Key	Service ID
Server_Address	VARCHAR(1000)		Unique	Service Name
Server_Service	INT		Foreign Key	ID of the associated service

4.2. Stored procedures

4.2.1. CreateServer

4.2.1.1. Description

This procedure allows to create a new server in the database

4.2.1.2. Prototype

CreateServer(IN Address VARCHAR(1000), IN Service INT)

4.2.1.3. Parameters

Name	Туре	Allow NULL	Description
Address	VARCHAR(1000)		Address of the server
Service	INT		ID of the associated service

4.2.1.4. Example

CALL CreateServer("10.135.20.32", 1);

4.2.2. ReadAllServers

4.2.2.1. Description

This procedure allows to list all servers in the database

4.2.2.2. Prototype

ReadAllServers()

4.2.2.3. Returns

Server list ordered alphabetically

4.2.2.4. Example

CALL ReadAllServices();

4.2.3. ReadServersByServiceID

4.2.3.1. Description

This procedure allows to list all servers for a given service

4.2.3.2. Prototype

ReadServersByServiceID(IN Service INT)

4.2.3.3. Parameters

Name	Type	Allow NULL	Description
Service	INT		ID of the service

4.2.3.4. Returns

List of servers associated to given service

```
MariaDB [pandore]> CALL ReadServersByServiceID(1);
+------+
| Server_ID | Server_Address | Server_Service |
+-----+
| 2 | 10.135.20.31 | 1 |
| 3 | 10.135.20.37 | 1 |
```

4.2.3.5. Example

CALL ReadServersByServiceID(1);

4.2.4. ReadServerByID

4.2.4.1. Description

This procedure allows to find a server by its ID

4.2.4.2. Prototype

 ${\tt ReadServerByID}({\tt IN}\ {\tt ID}\ {\tt INT})$

4.2.4.3. Parameters

Name	Туре	Allow NULL	Description
ID	INT		ID of the server

4.2.4.4. Returns

Server found with given ID

```
MariaDB [pandore]> CALL ReadServerByID(2);
+-----+
| Server_ID | Server_Address | Server_Service |
+-----+
| 2 | 10.135.20.31 | 1 |
+-----+
```

4.2.4.5. Example

CALL ReadServerByID(1);

4.2.5. ReadServerByAddress

4.2.5.1. Description

This procedure allows to find a server by its address

4.2.5.2. Prototype

ReadServerByAddress(IN Address VARCHAR(1000))

4.2.5.3. Parameters

Name	Туре	Allow NULL	Description
Address	VARCHAR(1000)		Address of the server

4.2.5.4. Returns

Server found with given address

```
MariaDB [pandore]> CALL ReadServerByAddress("10.135.20.31");

+-----+

| Server_ID | Server_Address | Server_Service |

+-----+

| 2 | 10.135.20.31 | 1 |

+-----+
```

4.2.5.5. Example

CALL ReadServerByAddress("10.135.20.31");

4.2.6. UpdateServer

4.2.6.1. Description

This procedure allows to update a server

4.2.6.2. Prototype

UpdateServer(IN ID INT, IN Address VARCHAR(1000), IN Service INT)

4.2.6.3. Parameters

Name	Туре	Allow NULL	Description
ID	INT		ID of the server to update
Address	VARCHAR(1000)		New server address
Service	INT		New service ID

4.2.6.4. Example

CALL UpdateServer(1, "147.112.200.11", 2);

4.2.7. DeleteServerByID

4.2.7.1. Description

This procedure allows to delete a server by its ID

4.2.7.2. Prototype

DeleteServerByID(IN ID INT)

4.2.7.3. Parameters

Name	Type	Allow NULL	Description
ID	INT		ID of the server to delete

4.2.7.4. Example

CALL DeleteServerByID(1);

4.2.8. DeleteServerByAddress

4.2.8.1. Description

This procedure allows to delete a server by its address

4.2.8.2. Prototype

DeleteServerByAddress(IN Address VARCHAR(1000))

4.2.8.3. Parameters

Name	Type	Allow NULL	Description
Address	VARCHAR(1000)		Address of the server to delete

4.2.8.4. Example

CALL DeleteServerByAddress("10.135.20.31");

4.2.9. DeleteServerByServiceID

4.2.9.1. Description

This procedure allows to delete servers associated to given service

4.2.9.2. Prototype

DeleteServerByServiceID(IN Service INT)

4.2.9.3. Parameters

Name	Type	Allow NULL	Description
Service	INT		ID of the service where servers must be deleted

4.2.9.4. Example

CALL DeleteServerByServiceID(1);

5. Table DNS

5.1. Description

This table is used to identify different DNS and associate them to services

It consists of 3 attributes :

Name	Туре	Allow NULL	Constraint	Description
DNS_ID	INT		Primary Key	DNS ID
DNS_Value	VARCHAR(1000)		Unique	DNS Name
DNS_Service	INT		Foreign Key	ID of the associated service

5.2. Stored procedures

5.2.1. CreateDNS

5.2.1.1. Description

This procedure allows to create a new DNS in the database

5.2.1.2. Prototype

CreateDNS(IN Value VARCHAR(1000), IN Service INT)

5.2.1.3. Parameters

Name	Туре	Allow NULL	Description
Value	VARCHAR(1000)		Value of the DNS
Service	INT		ID of the associated service

5.2.1.4. Example

CALL CreateDNS('my.dns.com', 1);

5.2.2. ReadAllDNS

5.2.2.1. Description

This procedure allows to list all DNS in the database

```
5.2.2.2. Prototype
ReadAllDNS();
```

5.2.2.3. Returns

DNS list ordered alphabetically

```
MariaDB [pandore]> CALL ReadAllDNS();

+-----+

| DNS_ID | DNS_Value | DNS_Service |

+----+

| 1 | my.facebook.com | 1 |

| 2 | my.youtube.com | NULL |
```

```
5.2.2.4. Example
CALL ReadAllDNS();
```

5.2.3. ReadDNSByServiceID

5.2.3.1. Description

This procedure allows to list all DNS for a given service

5.2.3.2. Prototype

ReadDNSByServiceID(IN Service INT)

5.2.3.3. Parameters

Name	Type	Allow NULL	Description
Service	INT		ID of the service

5.2.3.4. Returns

List of DNS associated to given service

```
MariaDB [pandore]> CALL ReadDNSByServiceID(1);
+-----+
| DNS_ID | DNS_Value | DNS_Service |
+----+
| 1 | my.facebook.com | 1 |
+----+
```

5.2.3.5. Example

CALL ReadDNSByServiceID(1);

5.2.4. ReadDNSByID

5.2.4.1. Description

This procedure allows to find a DNS by its ID

5.2.4.2. Prototype

ReadDNSByID(IN ID INT)

5.2.4.3. Parameters

Name	Type	Allow NULL	Description
ID	INT		ID of the DNS

5.2.4.4. Returns

DNS found with given ID

```
MariaDB [pandore]> CALL ReadDNSByID(1);
+-----+
| DNS_ID | DNS_Value | DNS_Service |
+----+
| 1 | my.facebook.com | 1 |
```

5.2.4.5. Example

CALL ReadDNSByID(1);

5.2.5. ReadServerByAddress

5.2.5.1. Description

This procedure allows to find a DNS by its value

5.2.5.2. Prototype

ReadDNSByValue(IN Value VARCHAR(1000))

5.2.5.3. Parameters

Name	Type	Allow NULL	Description
Address	VARCHAR(1000)		Value of the DNS

5.2.5.4. Returns

DNS found with given value

```
MariaDB [pandore]> CALL ReadDNSByValue('my.facebook.com');
+-----+
| DNS_ID | DNS_Value | DNS_Service |
+-----+
| 1 | my.facebook.com | 1 |
+-----+
```

5.2.5.5. Example

CALL ReadDNSByValue('my.facebook.com');

5.2.6. UpdateDNS

5.2.6.1. Description

This procedure allows to update a DNS

5.2.6.2. Prototype

UpdateDNS(IN ID INT, IN Value VARCHAR(1000), IN Service INT)

5.2.6.3. Parameters

Name	Туре	Allow NULL	Description
ID	INT		ID of the DNS to update
Value	VARCHAR(1000)		New DNS address
Service	INT		New service ID

5.2.6.4. Example

CALL UpdateDNS(1, 'my.new.dns', 2);

5.2.7. DeleteDNSByID

5.2.7.1. Description

This procedure allows to delete a DNS by its ID

5.2.7.2. Prototype

DeleteDNSByID(IN ID INT)

5.2.7.3. Parameters

Name	Type	Allow NULL	Description
ID	INT		ID of the DNS to delete

5.2.7.4. Example

CALL DeleteDNSByID(1);

5.2.8. DeleteDNSByValue

5.2.8.1. Description

This procedure allows to delete a DNS by its value

5.2.8.2. Prototype

DeleteDNSByValue(IN Value VARCHAR(1000))

5.2.8.3. Parameters

Name	Туре	Allow NULL	Description
Value	VARCHAR(1000)		Value of the DNS to delete

5.2.8.4. Example

CALL DeleteDNSByValue('my.dns.todelete.com');

5.2.9. DeleteDNSByServiceID

5.2.9.1. Description

This procedure allows to delete DNSs associated to given service

5.2.9.2. Prototype

DeleteDNSByServiceID(IN Service INT)

5.2.9.3. Parameters

Name	Type	Allow NULL	Description
Service	INT		ID of the service where DNSs must be deleted

5.2.9.4. Example

CALL DeleteDNSByServiceID(1);

6. Table Capture

6.1. Description

This table is used to identify captures done on a device

It consists of 7 attributes :

Name	Туре	Allow NULL	Constraint	Description
Capture_ID	INT		Primary Key	Capture ID
Capture_Name	VARCHAR(255)	X		Capture Name
Capture_StartTime	DATETIME			Capture start time.
				Format :
				yyyy-MM-dd HH:mm:ss
Capture_EndTime	DATETIME	X		Capture end time.
				Format :
				yyyy-MM-dd HH:mm:ss
Capture_Description	VARCHAR(1000)	X		Capture description
Capture_Interface	VARCHAR(255)	Х		Capture interface
				(eth0, eth1, etc)
Capture_ConnectionType	VARCHAR(255)	х		Connection type
				description

6.2. Stored procedures

6.2.1. CreateCapture

6.2.1.1. Description

This procedure allows to create a new capture in the database

6.2.1.2. Prototype

```
CreateCapture(IN Name VARCHAR(255), IN StartTime DATETIME, IN EndTime DATETIME,
IN Description VARCHAR(1000), IN Interface VARCHAR(1000), IN ConnectionType VARCHAR(1000))
```

6.2.1.3. Parameters

Name	Туре	Allow NULL	Description	
Name	VARCHAR(255)	Х	Capture Name	
StartTime	DATETIME		Capture start time. Format : yyyy-MM-dd HH:mm:ss	
EndTime	DATETIME	х	Capture end time. Format: yyyy-MM-dd HH:mm:ss	
Description	VARCHAR(1000)	х	Capture description	
Interface	VARCHAR(255)	х	Capture interface (eth0, eth1, etc)	
ConnectionType	VARCHAR(255)	х	Connection type description	

6.2.1.4. Returns

Returns the ID of the capture created

6.2.1.5. Example

6.2.2. ReadAllCaptures

6.2.2.1. Description

This procedure allows to list all captures

6.2.2.2. Prototype

ReadAllCaptures()

6.2.2.3. Returns

List of all captures

ariaOB [pandore]> CALL ReadAllCaptures();							
Capture_ID Capture_Name	Capture_StartTime	Capture_EndTime	Capture_Description	Capture_Interface	Capture_ConnectionType		
	2020-06-03 14:36:21 2021-10-10 13:40:01		Capture to test my application traffic NULL	eth1 NULL	NULL NULL		

6.2.2.4. Example

CALL ReadAllCaptures();

6.2.3. ReadCaptureByID

6.2.3.1. Description

This procedure allows to find a capture by its ID

6.2.3.2. Prototype

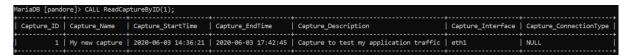
ReadCaptureByID(IN ID INT)

6.2.3.3. Parameters

Name	Type	Allow NULL	Description
ID	INT		Capture ID

6.2.3.4. Returns

The capture found with given ID



6.2.3.5. Example

CALL ReadAllCaptures();

6.2.4. UpdateCapture

6.2.4.1. Description

This procedure allows to update a capture by its ID

6.2.4.2. Prototype

CREATE PROCEDURE UpdateCapture(IN ID INT, IN Name VARCHAR(255), IN StartTime DATETIME, IN EndTime DATETIME, IN Description VARCHAR(1000), IN Interface VARCHAR(1000), IN ConnectionType VARCHAR(1000))

6.2.4.3. Parameters

Name	Туре	Allow NULL	Description
ID	INT		ID of the capture to update
Name	VARCHAR(255)	х	New capture name
StartTime	DATETIME		New capture start time.
			Format : yyyy-MM-dd HH:mm:ss
EndTime	DATETIME	х	New capture end time.
			Format : yyyy-MM-dd HH:mm:ss
Description	VARCHAR(1000)	х	New capture description
Interface	VARCHAR(255)	х	New capture interface (eth0, eth1, etc)
ConnectionType	VARCHAR(255)	х	New connection type description

6.2.4.4. Example

6.2.5. DeleteCaptureByID

6.2.5.1. Description

This procedure allows to delete a capture by its ID

6.2.5.2. Prototype

DeleteCaptureByID(IN ID INT)

6.2.5.3. Parameters

Name	Туре	Allow NULL	Description
ID	INT		ID of the capture to delete

6.2.5.4. Example

CALL DeleteCaptureByID(1);

7. Table Capture_Request

7.1. Description

This table is used to identify requests for a specific capture

It consists of 8 attributes :

Name	Туре	Allow NULL	Constraint	Description
CaptureRequest_ID	INT		Primary Key	Capture request ID
CaptureRequest_PacketSize	FLOAT			Size of the packet
CaptureRequest_Direction	TINYINT			Packet direction (0 =
				download, 1 = upload)
CaptureRequest_DateTime	TIMESTAMP			Request date time.
				Format :
				yyyy-MM-dd
				HH:mm:ss
CaptureRequest_Protocol	VARCHAR(255)			Request protocol
				description
CaptureRequest_Server	INT		Foreign Key	ID of the server
CaptureRequest_DNS	INT		Foreign Key	ID of the DNS
CaptureRequest_Capture	INT		Foreign Key	ID of the capture

7.2. Stored procedures

7.2.1. CreateRequest

7.2.1.1. Description

This procedure allows to create a new capture request in the database

7.2.1.2. *Prototype*

CreateRequest(IN PacketSize FLOAT, IN Direction TINYINT(1), IN Protocol VARCHAR(255),
IN Server INT, IN DNS INT, IN Capture INT)

7.2.1.3. Parameters

Name	Туре	Allow NULL	Description
PacketSize	FLOAT		Size of the packet
Direction	TINYINT		Packet direction (0 = download, 1 = upload)
Protocol	VARCHAR(255)		Request protocol description
Server	INT	х	ID of the server
DNS	INT	Х	ID of the DNS
Capture	INT		ID of the capture

7.2.1.4. Example

CALL CreateRequest(17, 0, 'TCP', 1, 1, 1);

7.2.2. CreateRequestString

7.2.2.1. Description

This procedure allows to create a new capture request in the database without knowing the id of the DNS and the server but only their values.

If DNS is not null and doesn't exist in the database, new DNS is added in DNS table.

If Server is not null and doesn't exist in the database, new server is added in Server table.

If DNS is null or empty, request DNS will also be null and nothing will be added in DNS table.

If Server is null or empty, request Server will also be null and nothing will be added in Server table.

7.2.2.2. *Prototype*

|CreateRequestString(IN PacketSize FLOAT, IN Direction TINYINT(1), IN Protocol VARCHAR(255), IN Server VARCHAR(1000), IN DNS VARCHAR(1000), IN Capture INT)

7.2.2.3. Parameters

Name	Туре	Allow NULL	Description
PacketSize	FLOAT		Size of the packet
Direction	TINYINT		Packet direction (0 = download, 1 = upload)
Protocol	VARCHAR(255)		Request protocol description
Server	VARCHAR(1000)	Х	Server address
DNS	VARCHAR(1000)	Х	DNS value
Capture	INT		ID of the capture

7.2.2.4. Example

CALL CreateRequestString(17, 0, 'TCP', '10.135.20.32', 'dns.name.com', 1);

7.2.3. ReadAllRequests

7.2.3.1. Description

This procedure allows to list all capture requests

7.2.3.2. *Prototype*

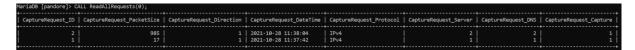
ReadAllRequests(IN Details TINYINT(1))

7.2.3.3. Parameters

Name	Туре	Allow NULL	Description
Details	TINYINT(1)		0 = returns list of requests 1 = returns list of requests with join
			with DNS and server tables

7.2.3.4. Returns

List of all capture requests (details = 0)



List of all capture requests with DNS and server details (details = 1)

LL ReadAllRequests(1);					name and a second		 200.000.000		
CaptureRequest_PacketSize									
CaptureRequest_PacketSize									
985	2821-10-28 11:38:04	IPv4	2	1	2	123.12.53.32	2	10.157.3.65	NULL
17	2821-18-28 11:37:42	IPv4	1	1	1	10.32.53.32	1 1	10.12.3.45	NULL

7.2.3.5. Example

CALL ReadAllRequests(1);

7.2.4. ReadRequestsByCaptureID

7.2.4.1. Description

This procedure allows to list all requests for a given capture

7.2.4.2. *Prototype*

ReadRequestsByCaptureID(IN Capture INT, IN Details TINYINT(1))

7.2.4.3. Parameters

Name	Туре	Allow NULL	Description
Capture	INT		ID of the capture
Details	TINYINT(1)		0 = returns list of requests
			1 = returns list of requests with join
			with DNS and server tables

7.2.4.4. Returns

List of all capture requests for the given capture ID (details = 0)

MariaDB [pandore]> CA	ALL ReadRequestsByCaptureID(1, 0);					
CaptureRequest_ID	CaptureRequest_PacketSize	CaptureRequest_Direction	CaptureRequest_DateTime	CaptureRequest_Protocol	CaptureRequest_Server	CaptureRequest_DNS	CaptureRequest_Capture
1	17		2021-10-28 11:37:42	IPv4	1	1	1
2	985	1	2021-10-28 11:38:04	IPv4	2	2	1

List of all capture requests for the given capture ID with DNS and server details (details = 1)

		LL ReadRequestsByCaptureID()											
į	CaptureRequest_ID	CaptureRequest_PacketSize	CaptureRequest_Direction	CaptureRequest_DateTime	CaptureRequest_Protocol	CaptureRequest_Server	CaptureRequest_DNS	CaptureRequest_Capture	Server_ID	Server_Address	Server_Service	DNS_ID DNS_Value	DNS_Service
ï	1			2021-10-28 11:37:42	IPv4	1	1			10.32.53.32		1 10.12.3.45	NULL
!		985			IPv4	2	2			123.12.53.32		2 10.157.3.0	

7.2.4.5. Example

CALL ReadRequestsByCaptureID(2, 1);

7.2.5. ReadRequestByID

7.2.5.1. Description

This procedure allows to find a request by its ID

7.2.5.2. *Prototype*

ReadRequestByID(IN ID INT, IN Details TINYINT(1))

7.2.5.3. Parameters

Name	Туре	Allow NULL	Description
ID	INT		ID of the request to update
Details	TINYINT(1)		0 = returns list of requests
			1 = returns list of requests with join
			with DNS and server tables

7.2.5.4. Returns

The request found for the given request ID (details = 0)



The request found for the given request ID with DNS and server details (details = 1)



7.2.5.5. Example

CALL ReadAllRequestByID(1, 1);

7.2.6. UpdateRequest

7.2.6.1. Description

This procedure allows to update an existing capture request

7.2.6.2. Prototype

UpdateRequest(IN ID INT, IN PacketSize FLOAT, IN Direction TINYINT(1), IN DateTime TIMESTAMP,
IN Protocol VARCHAR(255), IN Server INT, IN DNS INT, IN Capture INT)

7.2.6.3. Parameters

Name	Туре	Allow NULL	Description
ID	INT		ID of the request to update
PacketSize	FLOAT		New packet size
Direction	TINYINT		New packet direction (0 = download,
			1 = upload)
DateTime	TIMESTAMP		New request date time.
			Format :
			yyyy-MM-dd HH:mm:ss
Protocol	VARCHAR(255)		New protocol description
Server	INT		ID of the new server
DNS	INT		ID of the new DNS
Capture	INT		ID of the new capture

7.2.6.4. Example

```
CALL CreateRequest(1, 17, 0, '2021-11-27 14:08:30', 'TCP', 1, 1, 1);
```

7.2.7. DeleteRequestByID

7.2.7.1. Description

This procedure allows to delete a capture request by its ID

7.2.7.2. *Prototype*

DeleteRequestByID(IN ID INT)

7.2.7.3. Parameters

Name	Туре	Allow NULL	Description
ID	INT		ID of the capture request to delete

7.2.7.4. Example

CALL DeleteRequestByID(1);

7.2.8. DeleteRequestByCaptureID

7.2.8.1. Description

This procedure allows to delete all requests for a given capture

7.2.8.2. Prototype

DeleteRequestByCaptureID(IN Capture INT)

7.2.8.3. Parameters

Name	Туре	Allow NULL	Description
Capture	INT		ID of the capture

7.2.8.4. Example

CALL DeleteRequestByCaptureID(1);