



**Interactive Session Recorder**

**Version 6.1**

**Database Schema Definition and Description**

The ISR database schema is provided for reference only. Access to the ISR database by components or services not provided as part of the Oracle Interactive Session Recorder is prohibited.

Last Updated: February 2018

Table Name: account\_raws\_configuration

Purpose: DEPRECATED – NO LONGER USED

Field Name	Field Type	Null	Supported Value	Default	Description
account_id	int(10) unsigned	NOT NULL			accounts.account_id of account
delete_enabled	tinyint(1)	NOT NULL	0 = disabled 1 = enabled	0	Will recordings be deleted from ISR after successful remote archival
cdr_max_attempts	int	NOT NULL		3	Number of attempts to try to remote archive before failing
exclusive_lock_seconds	int	NOT NULL		120	Number of seconds ra_clients. ra_client_id can lock a recording before it expires and is available for another client to access

Table Name: accounts

Purpose: Configuration and setup of accounts (tenants)

Field Name	Field Type	Null	Supported Value	Default	Description
account_id	int(10) unsigned	NOT NULL		auto increment	Primary key
account_name	varchar(45)	NOT NULL	Text		Name of the account
account_description	varchar(45)	NOT NULL	Text		Description of the account
account_misc	varchar(45)	NOT NULL	Text		Miscellaneous field for account identification
percent_to_record	smallint(5)	NOT NULL	1-100	25	Default recording percentage for routes created under this account
recording_enabled	tinyint(3)	NOT NULL	0=recording disabled 1=recording enabled	1	Whether recording is enabled by default for routes created under this account
call_meta_data_src	tinyint(1)	NOT NULL	0 = none 1 = TSAPI	0	FOR FUTURE USE
announce_enabled	tinyint(1)	NOT NULL	0= announcement disabled 1=announcement enabled	0	DEPRECATED – NO LONGER USED
default_announce_audio_file	varchar(100)		Text		DEPRECATED – NO LONGER USED
default_announce_audio_text	varchar(200)		Text		DEPRECATED – NO LONGER USED
default_opt_out_vxml_file	varchar(100)		Text		DEPRECATED – NO LONGER USED
opt_out_enabled	tinyint(1)	NOT NULL	0 = disabled 1 = enabled	0	DEPRECATED – NO LONGER USED
recorder_state	smallint(5) unsigned	NOT NULL	0 = disabled 1 = enabled	0	Whether calls can currently be recorded for calls on routes under this account
default_recording_type	tinyint(3) unsigned	NOT NULL	See the admin guide for the supported recording formats.	0	The default recording format used for all routes under this account
agent_id_editable_flag	tinyint(3) unsigned	NOT NULL	0 = not editable 1 = editable	0	Account default for signaling whether users on this account edit the data in the recordings.agent_id field
rating_editable_flag	tinyint(3) unsigned	NOT NULL	0 = not editable 1 = editable	0	Account default - Can users edit the data in the scoring rating? (rec_notes_and_scoring.user_rating)
completed_editable_flag	tinyint(3) unsigned	NOT NULL	0 = not editable 1 = editable	0	Account default - Can users edit the data in the complete transaction flag? (rec_notes_and_scoring.complete_status)
notes_editable_flag	tinyint(3) unsigned	NOT NULL	0 = not editable 1 = editable	0	Account default - Can users edit the scoring notes (rec_notes_and_scoring.notes)
application	varchar(45)		passthru, conference, callparking, recordandsave, VAMTest	NULL	DEPRECATED – NO LONGER USED
play_beep_before_record	tinyint(3) unsigned	NOT NULL	0 = do not play 1 = play	0	DEPRECATED – NO LONGER USED
terminate_on_dtmf	tinyint(3) unsigned	NOT NULL	0 = do not terminate on dtmf press	0	DEPRECATED – NO LONGER USED

Field Name	Field Type	Null	Supported Value	Default	Description
			1 = terminate on dtmf press		
terminate_on_eos	tinyint(4)	NOT NULL	0 = do not terminate on eos 1 = terminate on eos	-1	DEPRECATED – NO LONGER USED
recurring_beep_enabled	tinyint(3) unsigned	NOT NULL	0=disabled 1=enabled	0	DEPRECATED – NO LONGER USED
recurring_beep_interval	int(10) unsigned	NOT NULL		30	DEPRECATED – NO LONGER USED
recurring_beep_file	varchar(45)		File Name	beep.wav	DEPRECATED – NO LONGER USED
record_save_dtmf	varchar(1)	NOT NULL	0-9, #, *	#	single dtmf digit that will save a recording made on a Record & Save route
maximum_number_of_ports	int(10) unsigned	NOT NULL		24	Default maximum number of simultaneous sessions a route created on this account will be able to support.
number_of_burst_ports	int(10) unsigned	NOT NULL		6	Default number of ports over maximum that the route will be able to use. These ports are reported separately.
acct_port_limit	int(11)	NOT NULL		-1	-1 for unlimited, The maximum number of sessions ALL routes on this account will be able to use.
show_appliance_tab_in_route_view	tinyint(3) unsigned	NOT NULL		0	DEPRECATED – NO LONGER USED
codec_profile_id	INT			1	Default codec profile associated with this account
force_rpdd	INT	NOT NULL	0 = Disabled 1 = Enabled	0	Write all recordings to .rpdd files to be converted after recording completion
store_dtmf_setting	TINYINT	NOT NULL	-1 = None / Use System Default 0 = Disabled 1 = Enabled	-1	Should ISR store and display RFC2833 and SIP INFO DTMF digits in the recording details view?
download_recording_permission	TINYINT(3)	NOT NULL	0 = download disabled 1 = download enabled	1	Do users created under this account have the option of downloading recordings? Account level control over recording download.
playback_recording_permission	TINYINT(3)	NOT NULL	0 = playback disabled 1 = playback enabled	1	Do users created under this account have the option to playback recordings within the dashboard? Account level control over recording playback.
delete_recording_permission`	TINYINT(3)	NOT NULL	0 = delete disabled 1 = delete enabled	1	Do users created under this account have the option to delete recordings within the dashboard? Account level control over recording deletion.
video_recording_enabled	Tinyint(1) unsigned		0 = video recording disabled 1 = video recording enabled	0	Account level control over video recording
video_access_enabled	Tinyint(1) unsigned		0 = video access disabled 1 = video access enabled	1	Account level control over video playback

Table Name: accounts\_realms

Purpose: Account to realm correlation table

Field Name	Field Type	Nullable	Supported Values	Default	Description
id	bigint	NOT NULL			auto increment
account_id	int(10)	NOT NULL			accounts.account_id
realm_id	bigint				realms.realm_id

**Table Name:** archiver\_destinations

**Purpose:** Mapping table for archival by account destinations

Field Name	Field Type	Nullable	Supported Values	Default	Description
archiver_id	int(10)	NOT NULL			archivers.archiver_id
account_id	int(10)				accounts.account_id
destination_location_id	bigint(20)	NOT NULL			locations.location_id

**Table Name:** archivers

**Purpose:** Definition and configuration of archivers

Field Name	Field Type	Nullable	Supported Values	Default	Description
archiver_id	int(10)	NOT NULL		auto increment	Primary key
archiver_ip	varchar(45)	NOT NULL	ip addresses	"	Archiver's IP Address – needs to match the RSS SIP IP Address
site_id	int(10)	NOT NULL		0	sites.site_id this archiver is associated with
archiver_thread_number	smallint(5) unsigned	NOT NULL		1	Number of files to be moved simultaneously
max_fail_count	smallint(5) unsigned	NOT NULL		0	Number of times the archiver should attempt to move a file before permanently marking it failed
archiver_mode	varchar(10)		Primary Failover	NULL	Failover archiver deprecated after 2.2.All archivers are Primary.
archiver_state	smallint(2) unsigned	NOT NULL	0 = paused 1 = active	1	Is the archiver active?
source_location	bigint(20)	NOT NULL		-1	locations.location_id of the source location for this archiver

**Table Name:** audit

**Purpose:** Log user activity within the Admin Dashboard

Field Name	Field Type	Nullable	Supported Values	Default	Description
<b>audit_id</b>	bigint(20) unsigned	NOT NULL		auto increment	Primary key
<b>audit_time</b>	datetime	NOT NULL			Date entry added to table
<b>user_id</b>	int(10) unsigned	NOT NULL			users.user_id performing the action
<b>user_email</b>	varchar(100)	NOT NULL			users.email performing the action
<b>session_id</b>	varchar(50)	NOT NULL			User's session ID
<b>requesting_ip</b>	varchar(16)	NOT NULL			IP address the request originated from
<b>action_type</b>	varchar(16)	NOT NULL			Action the user performed
<b>object_name</b>	varchar(100)		VIEW_XXX Modify_XXX Create_XXX Delete_XXX where XXX=Account,Route,Site,User,Recording	NULL	Object the action was performed on
<b>prev_value</b>	varchar(1024)			NULL	Value of the field before the edit
<b>new_value</b>	varchar(1024)			NULL	Value of the field after the edit
<b>result_flag</b>	tinyint(3) unsigned	NOT NULL	0 = failed 1 = success	0	Was the action successful

**Table Name:** authentication\_service

**Purpose:** Defines 3<sup>rd</sup> party user authentication services

Field Name	Field Type	Nullable	Supported Values	Default	Description
<b>authentication_service_id</b>	int	NOT NULL		auto increment	Primary key
<b>url</b>	varchar(255)				location of authentication service
<b>name</b>	varchar(255)				name of auth service (descriptive)
<b>enabled</b>	tinyint(1)		0 = disabled 1 = enabled	0	Can this auth service be used?
<b>src_type_id</b>	int	NOT NULL			Src_type.src_type_id

**Table Name:** call\_stats

**Purpose:** Track various system statistics to be used for reports

Field Name	Field Type	Nullable	Supported Values	Default	Description
<b>route_id</b>	int(10)	NOT NULL		0	route_config.route_id that is being tracked
<b>call_date</b>	datetime	NOT NULL		0000-00-00 00:00:00	date of statistical information
<b>total_number_of_calls</b>	int(10) unsigned	NOT NULL		0	Total number of INVITEs received by the RSS
<b>peak_number_of_calls</b>	int(10) unsigned	NOT NULL		0	Maximum number of simultaneous sessions for the call_date

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>number_of_calls_rejected</i>	<i>int(10) unsigned</i>	NOT NULL		0	Total number of sessions RSS did not accept because session exceeds accounts.acct_port_limit or route_config.maximum_number_of_ports + route_config.number_of_burst_ports or RSS total licensed session capacity
<i>number_of_burst_calls</i>	<i>int(10) unsigned</i>	NOT NULL		0	Number of sessions handled on a burst port, if configured
<i>recording_length_ms</i>	<i>bigint(20) unsigned</i>	NOT NULL		0	Total length of all recordings on route_id for call_date
<i>number_of_calls_recorded</i>	<i>int(10) unsigned</i>	NOT NULL		0	Total number of RECORD START commands received by RSS
<i>system_capacity_reached</i>	<i>int(10) unsigned</i>	NOT NULL		0	Total number of calls rejected due to exceeding the session limit of the system
<i>route_capacity_reached</i>	<i>int(10) unsigned</i>	NOT NULL		0	Total number of sessions rejected due to exceeding a route's configured capacity.
<i>account_capacity_reached</i>	<i>int(10) unsigned</i>	NOT NULL		0	Number of sessions rejected due to exceeding the configured account capacity.
<i>reject_by_not_recorded</i>	<i>int(10) unsigned</i>	NOT NULL		0	Total number of sessions rejected when not recorded and PercentToRecordRejectionEnabled is configured on an RSS.

Table Name: categories

Purpose: Track various system statistics to be used for reports

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>id</i>	<i>int(11)</i>	NOT NULL		auto increment	Primary key
<i>account_id</i>	<i>int(11)</i>	NOT NULL			accounts.account_id category pertains to
<i>Name</i>	<i>varchar(255)</i>	NOT NULL			name of category
<i>Active</i>	<i>tinyint(1)</i>		0 = inactive 1 = active	0	Is category still used?
<i>created_at</i>	<i>datetime</i>			NULL	Date category was created
<i>updated_at</i>	<i>datetime</i>			NULL	Date category last updated

Table Name: cdr\_receive

Purpose: DEPRECATED – NO LONGER USED

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>cdr_id</i>	<i>bigint(20) unsigned</i>	NOT NULL		auto increment	Primary key
<i>ANI</i>	<i>varchar(45)</i>	NOT NULL			ANI
<i>DNIS</i>	<i>varchar(45)</i>	NOT NULL			DNIS
<i>Timestamp</i>	<i>datetime</i>	NOT NULL		0000-00-00 00:00:00	Time of call
<i>duration_ms</i>	<i>bigint(20) unsigned</i>	NOT NULL		0	Duration of Call (in milliseconds)
<i>Status</i>	<i>varchar(20)</i>	NOT NULL		Complete	Status of receipt
<i>status_code</i>	<i>integer unsigned</i>	NOT NULL	0 = pending 1 = success 2 = fail 3 = maxfail 4 = processing	0	Status code for remote archiving
<i>archival_fail_count</i>	<i>smallint(5) unsigned</i>	NOT NULL		0	Number of failed attempts to archive

<i>archival_remark</i>	text		NULL	Comments about archival
<i>file_name</i>	varchar(255)	NOT NULL		Recording file name
<i>recording_id</i>	bigint(20) unsigned	NOT NULL		recordings.recording_id of the recording file

**Table Name:** cdr\_remote

**Purpose:** DEPRECATED – NO LONGER USED

<i>Field Name</i>	<i>Field Type</i>	<i>Nullable</i>	<i>Supported Values</i>	<i>Default</i>	<i>Description</i>
<i>cdr_id</i>	bigint(20) unsigned	NOT NULL		auto increment	Primary key
<i>recording_id</i>	bigint(20) unsigned	NOT NULL			recordings.recording_id of the recording file
<i>file_name</i>	varchar(255)	NOT NULL			recordings.file_name - Recording file name
<i>account_id</i>	int				account.account_id of the recording file
<i>ra_client_id</i>	bigint				ra_clients.ra_clients_id that is currently acting on this recording
<i>locked_time</i>	int				Seconds ra_clients.ra_clients_id has been acting on this recording
<i>Status</i>	tinyint	NOT NULL	0 = pending 2 = attempted 3 = sent 4 = aborted	0	Status code for remote archiving
<i>try_count</i>	int	NOT NULL		0	Number of failed attempts to archive

**Table Name:** cdr\_transmit

**Purpose:** Log of CDR records sent to Remote Archiver Appliance

<i>Field Name</i>	<i>Field Type</i>	<i>Nullable</i>	<i>Supported Values</i>	<i>Default</i>	<i>Description</i>
<i>crd_id</i>	bigint(20) unsigned	NOT NULL		auto_increment	Primary key
<i>recording_id</i>	bigint(20) unsigned	NOT NULL			recordings.recording_id value transmitted
<i>webservice_id</i>	bigint(20) unsigned	NOT NULL			webservice_destinations.webservice_id used
<i>status</i>	tinyint(3) unsigned	NOT NULL	0 = pending 2 = attempted 3 = sent 4 = aborted	0	status of CDR transmission
<i>try_count</i>	tinyint(3)	NOT NULL		0	number of transmission attempts currently made

**Table Name:** codec\_map

**Purpose:** Correlation table between codec\_profiles and transmission\_codecs and recording\_formats

<i>Field Name</i>	<i>Field Type</i>	<i>Nullable</i>	<i>Supported Values</i>	<i>Default</i>	<i>Description</i>
<i>codec_map_id</i>	int	NOT NULL		auto increment	Primary key, zero fill
<i>codec_profile_id</i>	int	NOT NULL			codec_profiles.codec_profile_id
<i>transmission_codec_id</i>	int	NOT NULL			transmission_codecs.transmission_codec_id
<i>recording_format_id</i>	int	NOT NULL			recording_formats.recording_format_id

**Table Name:** codec\_profiles

**Purpose:** Define codec profiles

Field Name	Field Type	Nullable	Supported Values	Default	Description
codec_profile_id	int	NOT NULL		auto increment	Primary key, zero fill
name	varchar(45)				Name of codec profile
description	varchar(255)				Description of codec profile
preferences	int		0-100		A numeric value representing the weighting of recording quality over recording file size, where 0 is smallest size and 100 is best quality.

**Table Name:** converter\_config

**Purpose:** Converter configuration parameters

Field Name	Field Type	Nullable	Supported Values	Default	Description
converter_id	int(10)	NOT NULL			Primary key
converter_data_ip	varchar(64)				Converter's IP Address
number_of_threads	int(10)			50	Number of Simultaneous Conversions
codec_map_update_interval	int(10) UN			300	Frequency codec map is refreshed (seconds)
config_update_interval	int(10) UN			300	Frequency configuration is refreshed (seconds)
completed_job_status_ttl	int(10) UN			120	Time (in seconds) to store the result of conversion, allowing for queries from the client as to the result of the conversion request.
webservice_port	int(10) UN			9998	Port converter runs on
webservice_ssl_cert_keyfile	varchar(5000)				Location of SSL certificate
vmg_id	int(10) UN				Vmgs.vmg_id (recorder) this converter services

**Table Name:** custom\_data\_types

**Purpose:** Define custom data types

Field Name	Field Type	Nullable	Supported Values	Default	Description
custom_data_type_id	int unsigned	NOT NULL		auto increment	Primary key
name	varchar(45)	NOT NULL			Name of custom data field, must be unique

**Table Name:** dash\_config

**Purpose:** Global dashboard settings

Field Name	Field Type	Nullable	Supported Values	Default	Description
config_id	tinyint(3) unsigned	NOT NULL		auto_increment	Primary key
account_id	int(10)				accounts.account_id this configuration is associated with



<b>admin_help_url</b>	varchar(255)	NOT NULL		adminHelp.jsp	Page to display when an Admin selects Help link
<b>user_help_url</b>	varchar(255)	NOT NULL		userHelp.jsp	Page to display when a user selects Help link
<b>login_help_url</b>	varchar(255)	NOT NULL		loginHelp.jsp	Page to display when a user selects Login help
<b>max_csv_entries_per_download</b>	bigint(20) unsigned	NOT NULL		10000	Maximum number of records to allow for a CSV download
<b>banner_url</b>	varchar(255)			logo2.gif	URL of banner to be displayed in User Dashboard
<b>base_app_url</b>	varchar(255)			http://localhost	URL of base user dashboard application
<b>header_footer_color</b>	varchar(255)			#C1398B	Color to be used for header/footer show on user dashboard
<b>logo_url</b>	varchar(255)			oracle.png	URL of logo for User dashboard branding
<b>locale</b>	varcahr(255)			en	Locale (language) to use for dash (default)
<b>product_name</b>	varchar(255)			Interactive Session Recorder	Portal Title, shown in upper right corner of dash

**Table Name:** db\_slaves

**Purpose:** Configure database slaves to be used for read only access for certain accounts

Field Name	Field Type	Nullable	Supported Values	Default	Description
<b>id</b>	bigint(20) unsigned	NOT NULL		auto_increment	Primary Key
<b>url</b>	varchar(255)	NOT NULL			URL of database slave to be used
<b>user</b>	varchar(45)	NOT NULL			Database User
<b>password</b>	varchar(45)	NOT NULL			Database password (DEPRECATED)
<b>account_id</b>	bigint(20) unsigned			NULL	accounts.account_id for which this db will be used

**Table Name:** dtmf\_digits

**Purpose:** Store DTMF digits received in recording

Field Name	Field Type	Nullable	Supported Values	Default	Description
<b>dtmf_digits_id</b>	bigint(20) unsigned	NOT NULL		auto_increment	Primary Key
<b>recording_id</b>	bigint(20) unsigned				recordings.recording_id this digit is associated with
<b>entry_offset_ms</b>	bigint(20) unsigned				time of key press relative to start of recording
<b>origin_source</b>	tinyint(4)		1 – first participant 2 – second participant		Direction of keypress
<b>dtmf_digit</b>	tinyint(4)			NULL	Digit Received

**Table Name:** extension\_data\_importers

**Purpose:** DEPRECATED – NO LONGER USED

<i>Field Name</i>	<i>Field Type</i>	<i>Nullable</i>	<i>Supported Values</i>	<i>Default</i>	<i>Description</i>
<i>extension_data_importer_id</i>	<i>bigint(20) unsigned</i>	<i>NOT NULL</i>		<i>auto_increment</i>	
<i>ip_address</i>	<i>varchar(45)</i>	<i>NOT NULL</i>			
<i>cron_schedule</i>	<i>varchar(45)</i>	<i>NOT NULL</i>		<i>0 0/15 * ? * *</i>	
<i>import_directory</i>	<i>varchar(45)</i>	<i>NOT NULL</i>			
<i>skip_lines</i>	<i>int(11)</i>			<i>0</i>	
<i>session_matching_field</i>	<i>varchar(255)</i>	<i>NOT NULL</i>		<i>apkt:ucid</i>	
<i>file_matching_header</i>	<i>varchar(255)</i>	<i>NOT NULL</i>		<i>UUID</i>	
<i>delimiter</i>	<i>char(1)</i>	<i>NOT NULL</i>		<i>,</i>	
<i>max_lines_per_batch</i>	<i>int</i>				
<i>post_import_action</i>	<i>varchar(45)</i>				
<i>post_import_move_directory</i>	<i>text</i>				
<i>next_run</i>	<i>datetime</i>				
<i>last_run</i>	<i>datetime</i>				
<i>last_import</i>	<i>datetime</i>				
<i>last_update</i>	<i>datetime</i>				
<i>ast_error</i>	<i>datetime</i>				

**Table Name:** face\_actions\_requirements

**Purpose:** Defines the requirements for FACE policy actions

Field Name	Field Type	Nullable	Supported Values	Default	Description
action_requirement_id	int unsigned	NOT NULL		auto_increment	Primary Key
policy_action_id	int unsigned	NOT NULL			face_event_policy.policy_action_id that applies to this requirement
requirement_type_id	int unsigned	NOT NULL			Face_requirement_type.requirement_type_id that applies to this requirement
correlating_parameter	varchar(100)	NOT NULL		"	The parameter required for this policy action

**Table Name:** face\_event\_policies

**Purpose:** Defines event policies for FACE API

Field Name	Field Type	Nullable	Supported Values	Default	Description
event_policy_id	int unsigned	NOT NULL		auto_increment	Primary Key
event_trigger	varchar(100)	NOT NULL		"	ISR Defined Event that will trigger policy to kick off
policy_action_id	int unsigned				Face_policy_actions.policy_action_id that will be triggered when this event occurs

**Table Name:** face\_policy\_actions

**Purpose:** Define supported policy actions

Field Name	Field Type	Nullable	Supported Values	Default	Description
policy_action_id	int unsigned	NOT NULL		auto_increment	Primary Key
action	varchar(100)	NOT NULL	InitiateRecordScreen TerminateRecordScreen	"	Action available to be enacted

**Table Name:** face\_requirement\_types

**Purpose:** Define list of data requirements

Field Name	Field Type	Nullable	Supported Values	Default	Description
requirement_type_id	int unsigned	NOT NULL		auto_increment	Primary Key
requirement	varchar(100)	NOT NULL		"	Data requirement

**Table Name:** failover\_db\_status

**Purpose:** Track the status of failover databases

Field Name	Field Type	Nullable	Supported Values	Default	Description
min_before_retry_primary	smallint(3) unsigned	NOT NULL		0	Minutes before db connection will be reattempted
last_primary_fail_time	timestamp	NOT NULL		0000-00-00 00:00:00	Timestamp of last failure to connect to primary db

**Table Name:** general\_tracking\_events

**Purpose:** Track changes to various ISR objects

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>id</i>	<i>int(10) unsigned</i>	<i>NOT NULL</i>			<i>Primary key</i>
<i>object_type</i>	<i>smallint(2)</i>	<i>NOT NULL</i>	0 = account 1 = route 2 = obgateway 3 = route_groups 4 = transmission_codecs 5 = codec_map 6 = codec_profiles 7 = recording_formats 8 = metadata_types		<i>Object this event pertains to</i>
<i>action_type</i>	<i>bigint(20) unsigned</i>	<i>NOT NULL</i>	0 = add 1 = changed 2 = delete		<i>Type of action taken on object_type</i>
<i>action_time</i>	<i>datetime</i>	<i>NOT NULL</i>		<i>0000-00-00 00:00:00</i>	<i>Time action_type was taken on object_type</i>
<i>associate_id</i>	<i>int(10)</i>	<i>NOT NULL</i>			<i>could be site ID for RouteMap or Acct ID for rArchiver</i>
<i>additional_info</i>	<i>varchar(100)</i>				<i>Any comments or descriptors about the action</i>

**Table Name:** heartbeats

**Purpose:** DEPRECATED – NO LONGER USED

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>heartbeat_id</i>	<i>bigint(20) unsigned</i>	<i>NOT NULL</i>		<i>auto_increment</i>	<i>Primary key</i>
<i>component_type</i>	<i>int(20) unsigned</i>	<i>NOT NULL</i>	0 = unspecified 1 = archiver 2 = VxmlApi 3 = Dashboard		<i>Component being monitored</i>
<i>component_id</i>	<i>bigint(20) unsigned</i>	<i>NOT NULL</i>			<i>The relevant foreign key</i>
<i>timestamp</i>	<i>datetime</i>	<i>NOT NULL</i>		<i>0000-00-00 00:00:00</i>	<i>Timestamp of last heartbeat</i>
<i>notes</i>	<i>varchar(100)</i>	<i>NOT NULL</i>			

**Table Name:** isr\_event\_types

**Purpose:** List of supported event types

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>event_type_id</i>	<i>integer unsigned</i>	<i>NOT NULL</i>			<i>Event ID</i>
<i>event_name</i>	<i>text</i>	<i>NOT NULL</i>			<i>Event Description</i>

Table Name: isr\_events\_destination

Purpose: FOR FUTURE USE

Field Name	Field Type	Nullable	Supported Values	Default	Description
destination_id	integer unsigned	NOT NULL		auto_increment	Primary key
event_type_id	integer unsigned	NOT NULL			isr_event_types.event_type_id
route_id	integer(10) unsigned				
account_id	integer(10) unsigned				
realm_id	bigint(20) unsigned				
destination_service	text	NOT NULL			
destination_params	text				
last_error_time	datetime				

Table Name: isr\_platform\_event\_config

Purpose: FOR FUTURE USE

Field Name	Field Type	Nullable	Supported Values	Default	Description
eventing_service_id	BIGINT unsigned	NOT NULL		auto_increment	Primary key
retry_timer_msecs	integer unsigned	NOT NULL		100	Retry timer (in milliseconds)
max_delivery_time_msecs	integer unsigned	NOT NULL		1000	
service_state	tinyint(1)	NOT NULL		0	
event_threads	smallint	NOT NULL		10	
event_queue_depth	integer	NOT NULL		-1	
notification_threads	smallint	NOT NULL		30	
notification_queue_depth	integer	NOT NULL		-1	
notification_timeout_msecs	integer unsigned	NOT NULL		100	
disable_ssl_hostname_verification	tinyint(1)	NOT NULL		0	

Table Name: isr\_thirdparty\_correlation

Purpose: Correlates recording and service session information

Field Name	Field Type	Nullable	Supported Values	Default	Description
isr_thirdparty_correlation_id	int unsigned	NOT NULL		auto increment	Primary key
thirdparty_service_id	int unsigned	NOT NULL			thirdparty_service_config.thirdparty_service_id
isr_service_session_id	varchar(100)	NOT NULL			ID for recording entry. Can be session_id, filename or recording_id
thirdparty_service_session_id	varchar(100)	NOT NULL			ID for thirdparty service used to correlate recording to thirdparty index

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>thirdparty_service_start_time</i>	<i>datetime</i>	NOT NULL		0000-00-00	MySQL Server Timestamp for thirdparty service start event.
<i>thirdparty_service_end_time</i>	<i>datetime</i>	NOT NULL		0000-00-00	MySQL Server Timestamp for thirdparty service end event.

**Table Name:** isr\_thirdparty\_correlation\_field

**Purpose:** Correlates datatypes to a third party authorization service

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>isr_thirdparty_correlation_field_id</i>	<i>int unsigned</i>	NOT NULL		auto increment	Primary key
<i>thirdparty_service_id</i>	<i>int unsigned</i>	NOT NULL			<i>thirdparty_service_config.thirdparty_service_id</i>
<i>isr_thirdparty_correlation_field_name</i>	<i>varchar(255)</i>	NOT NULL			The data field name to correlate to this <i>service_id</i>

**Table Name:** locations

**Purpose:** Locations for recording storage and archival

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>location_id</i>	<i>bigint(20)</i>	NOT NULL		auto_increment	Primary key
<i>www_served_from</i>	<i>varchar(250)</i>			NULL	URL where files stored in this location will be served from
<i>destination_directory</i>	<i>varchar(250)</i>			NULL	Directory files will be moved to
<i>source_directory</i>	<i>varchar(250)</i>			NULL	Directory files will be moved from
<i>description</i>	<i>varchar(250)</i>			NULL	Descriptive text about this location
<i>source_free_space_KB</i>	<i>bigint(30) unsigned</i>	NOT NULL		0	Source directory free space
<i>source_free_space_perc</i>	<i>tinyint(3) unsigned</i>	NOT NULL		-1	Source directory percentage of free space
<i>dest_free_space_KB</i>	<i>bigint(30) unsigned</i>	NOT NULL		0	Destination directory free space
<i>dest_free_space_perc</i>	<i>tinyint(3) unsigned</i>	NOT NULL		-1	Destination directory percentage of free space
<i>site_id</i>	<i>int(20)</i>	NOT NULL		-1	The <i>site_id</i> of the site this location belongs to
<i>converter_ip</i>	<i>varchar(45)</i>				The IP address of the converter which can process recordings for this location
<i>converter_rest_webservice_port</i>	<i>int</i>			9999	The port on which to contact the converter service for this location via REST
<i>converter_rest_webservice_sslenabled</i>	<i>tinyint(1)</i>		0 – disabled 1 – enabled	1	Flag to enable SSL for converter webservice requests
<i>location_type</i>	<i>tinyint(3) unsigned</i>		0 – generic/non-RSS 1 – primary 2 – secondary 3 – tertiary		Type of location
<i>vmg_id</i>	<i>int(10) unsigned</i>				<i>vmgs.vmg_id</i> this location belongs to
<i>access_type</i>	<i>tinyint</i>	NOT NULL	0 = local 1 = mount 2 = sftp		How location is accessed
<i>delete_enabled</i>	<i>smallint(2) unsigned</i>	NOT NULL	0 = disabled 1 = enabled	0	Should the archiver delete files from the <i>destination_directory</i> after <i>route_config.minimum_storage_days</i>
<i>dir_date_structure</i>	<i>tinyint(1)</i>	NOT NULL	0 = do not archive with date structure 1 = archive with date structure	1	Should recordings be archived by date

<b>move_non_existing_record</b>	<i>tinyint(1)</i>	<i>NOT NULL</i>	<i>0 = do not move non-existing files 1 = move non-existing files</i>	<i>0</i>	<i>If recording is not found, should record be removed from recordings db and added to recordings missing table for tracking.</i>
<b>conversion_mode</b>	<i>tinyint</i>	<i>NOT NULL</i>	<i>0 – disabled 1 – enabled 2 - convert by percentage</i>	<i>1</i>	<i>Configures Archival for requesting codec conversion for playback.</i>
<b>conversion_percentage</b>	<i>tinyint</i>	<i>NOT NULL</i>		<i>100</i>	<i>The percentage value of recorded files to request codec conversion for playback during Archival.</i>
<b>convert_all_on_last_hop</b>	<i>tinyint(1)</i>	<i>NOT NULL</i>	<i>0 – disabled 1 – enabled</i>	<i>1</i>	<i>If all or some of the archived recordings in their final destination need conversion for playback, archiver can request conversion for all of the remaining files.</i>
<b>default_conversion_file_type</b>	<i>tinyint</i>	<i>NOT NULL</i>		<i>8</i>	<i>DEPRECATED – NO LONGER USED</i>
<b>create_empty_recordings</b>	<i>tinyint(1)</i>	<i>NOT NULL</i>	<i>0 – disabled 1 – enabled</i>	<i>0</i>	<i>Create empty recording files for recordings that contain no media</i>
<b>host</b>	<i>varchar(255)</i>				<i>SFTP host</i>
<b>credentials_user</b>	<i>varchar(128)</i>				<i>SFTP username</i>
<b>credentials_pass</b>	<i>varchar(255)</i>				<i>SFTP password</i>
<b>checksum_options</b>	<i>tinyint</i>			<i>0</i>	<i>Checksum options</i>

**Table Name:** log

**Purpose:** Log entries for RSS / displayed in Dashboard -> Sites

<i>Field Name</i>	<i>Field Type</i>	<i>Nullable</i>	<i>Supported Values</i>	<i>Default</i>	<i>Description</i>
<b>log_id</b>	<i>bigint(20) unsigned</i>	<i>NOT NULL</i>		<i>auto increment</i>	<i>Primary key</i>
<b>time_of_occurrence</b>	<i>datetime</i>	<i>NOT NULL</i>		<i>0000-00-00 00:00:00</i>	<i>Date of log entry</i>
<b>priority</b>	<i>varchar(10)</i>	<i>NOT NULL</i>		<i>INFO</i>	<i>Log entry priority</i>
<b>description</b>	<i>text</i>	<i>NOT NULL</i>			<i>Description of entry</i>
<b>componentType</b>	<i>smallint(5) unsigned</i>	<i>NOT NULL</i>	<i>0 = unspecified 1 = archiver 2 = VxmlApi 3 = Dashboard</i>	<i>0</i>	<i>Component being logged</i>
<b>componentId</b>	<i>bigint(20) unsigned</i>	<i>NOT NULL</i>		<i>0</i>	<i>The relevant foreign key</i>

**Table Name:** metadata\_correlation\_sets

**Purpose:** Correlates metadata\_types to a session for searching

<i>Field Name</i>	<i>Field Type</i>	<i>Nullable</i>	<i>Supported Values</i>	<i>Default</i>	<i>Description</i>
<b>id</b>	<i>bigint</i>	<i>NOT NULL</i>		<i>auto increment</i>	<i>Primary key</i>
<b>metadata_type_id1</b>	<i>int</i>				<i>Metadata_types.metadata_type_id of this association</i>
<b>metadata_value1</b>	<i>varchar(255)</i>				<i>Metadata_type_id1 value</i>
<b>metadata_type_id2</b>	<i>int</i>				<i>Metadata_types.metadata_type_id of this association</i>

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>metadata_value2</i>	<i>varchar(255)</i>				<i>Metadata_type_id2 value</i>

Table Name: metadata\_types

Purpose: List of SIPREC metadata ISR will parse

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>metadata_type_id</i>	<i>int</i>	<i>NOT NULL</i>		<i>auto increment</i>	<i>Primary key</i>
<i>name</i>	<i>varchar(255)</i>				<i>SIPREC metadata field name</i>
<i>session_correlation_number</i>	<i>int</i>				<i>Unique correlation number</i>
<i>node_type</i>	<i>varchar(255)</i>				<i>The type of metadata, such as participant, stream or session</i>
<i>src_type_id</i>	<i>int</i>				<i>Src_types.src_type_id</i>
<i>searchable</i>	<i>tinyint(1)</i>		<i>0 = not searchable 1 = searchable</i>		<i>Is this variable searchable?</i>
<i>is_displayed</i>	<i>tinyint(1)</i>		<i>0 = not displayed 1 = displayed</i>		<i>Is this variable displayed in recording details?</i>

Table Name: outbound\_gateway\_events

Purpose: DEPRECATED – NO LONGER USED

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>outbound_gateway_event_id</i>	<i>bigint(20) unsigned</i>	<i>NOT NULL</i>		<i>auto_increment</i>	
<i>gateway_id</i>	<i>int(10) unsigned</i>	<i>NOT NULL</i>			
<i>event_timestamp</i>	<i>timestamp</i>	<i>NOT NULL</i>		<i>CURRENT_TIMESTAMP</i>	
<i>event_type</i>	<i>int(10) unsigned</i>	<i>NOT NULL</i>	<i>0 = unavailable 1 = tmp_disabled 2 = disabled 3 = back_in_service 4 = enabled</i>	<i>0</i>	

Table Name: outbound\_gateways

Purpose: DEPRECATED – NO LONGER USED

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>gateway_id</i>	<i>int(10) unsigned</i>	<i>NOT NULL</i>		<i>auto_increment</i>	
<i>site_id</i>	<i>int(10) unsigned</i>	<i>NOT NULL</i>			
<i>gateway_name</i>	<i>varchar(45)</i>	<i>NOT NULL</i>			
<i>gateway_ip</i>	<i>varchar(45)</i>	<i>NOT NULL</i>			



<i>gateway_type</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = in service</i> <i>1 = temporarily disabled</i> <i>2 = disabled</i> <i>3 = failover</i> <i>4 = temporarily disabled failover</i> <i>5 = disabled failover</i>	<i>0</i>
<i>last_call_sent</i>	<i>timestamp</i>	<i>NOT NULL</i>		<i>CURRENT_TIMESTAMP</i>
<i>last_call_time</i>	<i>bigint(20) unsigned</i>	<i>NOT NULL</i>		<i>0</i>

**Table Name:** participant\_extension\_data

**Purpose:** SIPREC Participant Extension Data

<i>Field Name</i>	<i>Field Type</i>	<i>Nullable</i>	<i>Supported Values</i>	<i>Default</i>	<i>Description</i>
<i>participant_extension_data_id</i>	<i>bigint</i>	<i>NOT NULL</i>		<i>auto increment</i>	<i>Primary key</i>
<i>metadata_correlation_sets_id</i>	<i>bigint(20)</i>				<i>Metadata_correlation_sets.metadata_correlation_sets_id</i>
<i>value</i>	<i>varchar(255)</i>				<i>SIPREC participant extension data value</i>
<i>metadata_type_id</i>	<i>int</i>	<i>NOT NULL</i>			<i>Metadata_types.metadata_type_id</i>
<i>participant_id</i>	<i>bigint</i>	<i>NOT NULL</i>			<i>participants.participant_id this extension data element relates to</i>
<i>indexed_value</i>	<i>varchar(255)</i>				

**Table Name:** participants

**Purpose:** SIPREC Participant Data

<i>Field Name</i>	<i>Field Type</i>	<i>Nullable</i>	<i>Supported Values</i>	<i>Default</i>	<i>Description</i>
<i>participant_id</i>	<i>bigint</i>	<i>NOT NULL</i>		<i>auto increment</i>	<i>Primary key</i>
<i>start_time</i>	<i>datetime</i>				<i>start time of session</i>
<i>end_time</i>	<i>datetime</i>				<i>end time of session</i>
<i>session_id</i>	<i>bigint</i>	<i>NOT NULL</i>			<i>Sessions.session_id this participant was involved in</i>
<i>siprec_participant_id</i>	<i>varchar(255)</i>	<i>NOT NULL</i>			<i>SIPREC provided participant id value</i>
<i>aor</i>	<i>varchar(255)</i>				<i>SIRPEC provided address of record value for this participant</i>
<i>name</i>	<i>varchar(255)</i>				<i>SIRPEC provided name value for this participant</i>

**Table Name:** peak\_stats

**Purpose:** Track peak number of calls per route/site

<i>Field Name</i>	<i>Field Type</i>	<i>Nullable</i>	<i>Supported Values</i>	<i>Default</i>	<i>Description</i>
<i>route_id</i>	<i>int(10) unsigned</i>	<i>NOT NULL</i>		<i>0</i>	<i>route_config.route_id being tracked</i>
<i>site_id</i>	<i>int(10) unsigned</i>	<i>NOT NULL</i>		<i>0</i>	<i>sites.site_id</i>
<i>count</i>	<i>int(10) unsigned</i>	<i>NOT NULL</i>		<i>0</i>	<i>number of sessions</i>

**Table Name:** playback\_problems

**Purpose:** Track recordings with playback issues

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>playback_problems</i>	<i>bigint unsigned</i>	<i>NOT NULL</i>		<i>auto increment</i>	<i>Primary key</i>
<i>recording_id</i>	<i>bigint unsigned</i>	<i>NOT NULL</i>			<i>recordings.recording_id with playback issue</i>
<i>reported_date</i>	<i>datetime</i>	<i>NOT NULL</i>			<i>Date problem reported</i>
<i>problem_description</i>	<i>varchar(128)</i>	<i>NOT NULL</i>			<i>Description of issue encountered</i>

**Table Name:** ra\_clients

**Purpose:** DEPRECATED – NO LONGER USED

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>ra_client_id</i>	<i>bigint</i>	<i>NOT NULL</i>		<i>auto increment</i>	
<i>account_id</i>	<i>int</i>				<i>accounts.account_id the client is configured to retrieve recordings for</i>
<i>ip_address</i>	<i>varchar(39)</i>	<i>NOT NULL</i>			<i>IP address where RA requests will originate from</i>

**Table Name:** realms

**Purpose:** Configured realms

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>realm_id</i>	<i>bigint(20)</i>	<i>NOT NULL</i>		<i>auto increment</i>	
<i>realm_label</i>	<i>varchar(45)</i>	<i>NOT NULL</i>			<i>Name of realm</i>
<i>realm_description</i>	<i>varchar(255)</i>				<i>Description of realm for ease of reading</i>

**Table Name:** rec\_notes\_and\_scoring

**Purpose:** Notes and transcription data for recordings

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>recording_id</i>	<i>bigint(20) unsigned</i>	<i>NOT NULL</i>			<i>recordings.recording_id</i>
<i>user_rating</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>		<i>0</i>	<i>Rating the user assigns to this recording</i>
<i>complete_status</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>		<i>0</i>	<i>Does the recording show a complete transaction</i>
<i>hours</i>	<i>float</i>	<i>NOT NULL</i>		<i>0</i>	<i>Hours spent on analysis</i>
<i>notes</i>	<i>text</i>				<i>Users notes on the recording</i>
<i>transcription</i>	<i>text</i>				<i>Transcription of the session recording</i>

**Table Name:** recording\_categories

**Purpose:** Link recordings to categories

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>id</i>	<i>int(11)</i>	NOT NULL		<i>auto increment</i>	<i>Primary key</i>
<i>recording_id</i>	<i>int(11)</i>	NOT NULL			<i>recordings.recording_id category assigned to</i>
<i>category_id</i>	<i>int(11)</i>	NOT NULL			<i>categories.category_id assigned</i>
<i>active</i>	<i>tinyint(1)</i>		<i>0 = inactive 1 = active</i>	<i>0</i>	<i>Is category still used?</i>
<i>created_at</i>	<i>datetime</i>			<i>NULL</i>	<i>Date category was first affiliated to recording</i>
<i>updated_at</i>	<i>datetime</i>			<i>NULL</i>	<i>Date affiliation last updated</i>

**Table Name:** recording\_custom\_data

**Purpose:** Correlates custom data values to recordings

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>recording_custom_data_id</i>	<i>bigint(20)</i>	NOT NULL		<i>auto increment</i>	<i>Primary key</i>
<i>recording_id</i>	<i>bigint(20)</i>	NOT NULL			<i>recordings.recording_id data assigned to</i>
<i>custom_data_type_id</i>	<i>int(10)</i>	NOT NULL			<i>custom_data_types.custom_data_type_id assigned</i>
<i>value</i>	<i>varchar100</i>				<i>value</i>

**Table Name:** recording\_formats

**Purpose:** Recording output format definitions

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>recording_format_id</i>	<i>int</i>	NOT NULL		<i>auto increment</i>	<i>Primary key, zero fill</i>
<i>name</i>	<i>varchar(64)</i>				<i>Description of recording format</i>
<i>size_factor</i>	<i>int</i>				<i>Relative size of playable recording</i>
<i>quality_factor</i>	<i>tinyint</i>				<i>Relative quality of playable recording</i>
<i>bit_size</i>	<i>tinyint</i>				<i>Recording format bit rate</i>
<i>sampling_rate_hz</i>	<i>int</i>				<i>Recording format sampling rate (in hertz)</i>

**Table Name:** recordings

**Purpose:** Recording details and metadata

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>recording_id</i>	<i>bigint(20) unsigned</i>	NOT NULL		<i>auto_increment</i>	<i>Primary key</i>
<i>file_name</i>	<i>varchar(255)</i>	NOT NULL			<i>Recording file name</i>
<i>file_status</i>	<i>tinyint(3) unsigned</i>	NOT NULL	<i>0 = normal 1 = 404 File Not Found 2 = Playback problem reported</i>	<i>0</i>	<i>Recent file status</i>

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>ani</i>	<i>varchar(45)</i>			<i>NULL</i>	<i>ANI</i>
<i>dnis</i>	<i>varchar(45)</i>			<i>NULL</i>	<i>DNIS</i>
<i>account_code</i>	<i>varchar(45)</i>	<i>NOT NULL</i>			<i>accounts.account_id</i>
<i>duration</i>	<i>mediumint(8)unsigned</i>	<i>NOT NULL</i>		<i>0</i>	<i>duration of recording</i>
<i>start_time</i>	<i>datetime</i>	<i>NOT NULL</i>		<i>0000-00-00 00:00:00</i>	<i>Session start time</i>
<i>directory</i>	<i>varchar(100)</i>			<i>NULL</i>	<i>recording location</i>
<i>vmg_id</i>	<i>mediumint(8)unsigned</i>	<i>NOT NULL</i>		<i>0</i>	<i>vmgs.vmg_id of the RSS the session was recorded on</i>
<i>archived</i>	<i>int(10) unsigned</i>	<i>NOT NULL</i>		<i>0</i>	<i>Archived state</i>
<i>route_id</i>	<i>bigint(20) unsigned</i>	<i>NOT NULL</i>		<i>0</i>	<i>route_config.route_id this session was recorded against</i>
<i>archival_remarks</i>	<i>text</i>				<i>Comments about archived state</i>
<i>archival_fail_count</i>	<i>smallint(5)unsigned</i>	<i>NOT NULL</i>		<i>0</i>	<i>Number of failed attempts to archive this recording</i>
<i>agent_id</i>	<i>varchar(256)</i>			<i>NULL</i>	<i>Agent ID</i>
<i>agent_terminal</i>	<i>varchar(128)</i>			<i>NULL</i>	<i>Agent Extension</i>
<i>archiver_mode</i>	<i>varchar(10)</i>	<i>NOT NULL</i>	<i>Primary Failover</i>	<i>Primary</i>	<i>Whether file archival by primary or failover archiver</i>
<i>sensitive</i>	<i>smallint(5) unsigned</i>	<i>NOT NULL</i>	<i>0</i>	<i>0</i>	<i>FOR FUTURE USE</i>
<i>last_pause_time</i>	<i>datetime</i>			<i>NULL</i>	<i>Last record pause timestamp for this recording. If null, was not paused.</i>
<i>pause_length</i>	<i>mediumint(8)unsigned</i>	<i>NOT NULL</i>		<i>0</i>	<i>Duration of last pause</i>
<i>delete_flag</i>	<i>tinyint(1)</i>	<i>NOT NULL</i>	<i>0 = do not delete 1 = delete</i>	<i>0</i>	<i>Mark the recording to be deleted after the session ends</i>
<i>location</i>	<i>bigint(20)</i>	<i>NOT NULL</i>		<i>-1</i>	<i>locations.location_id of the current location of this recording file</i>
<i>previous_file_name</i>	<i>varchar(255)</i>				<i>Prior file name if file is in the process of being renamed</i>
<i>archiver_action</i>	<i>int(11)</i>	<i>NOT NULL</i>	<i>0 = no action pending 1 = delete 2 = rename 3 = never expire 4 = rename and never expire</i>	<i>0</i>	<i>Flag for which action the archiver process should take on this recording</i>
<i>conversion_status</i>	<i>tinyint</i>	<i>NOT NULL</i>	<i>0 = does not need conversion 1 = needs conversion 2 = conversion in progress 3 = conversion failed 4 = conversion not possible 5 = conversion cancelled 6 = conversion successful</i>	<i>0</i>	<i>Flag for converter status</i>
<i>isr_ucid</i>	<i>varchar(256)</i>				<i>SIPREC provided isr_ucid value</i>
<i>ingress_callid</i>	<i>varchar(256)</i>				<i>SIPREC ingress call id</i>
<i>egress_callid</i>	<i>varchar(256)</i>				<i>DEPRECATED – NO LONGER USED</i>
<i>paused_with_silence</i>	<i>tinyint(1)</i>	<i>NOT NULL</i>			<i>Designates whether a recording was paused and filled with silence packets</i>
<i>has_video</i>	<i>tinyint(1)</i>		<i>0= audio only, no video 1 = video and audio</i>		<i>Whether recording also has video component</i>

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>muxing_status</i>	<i>tinyint(3)</i>				<b>**reserved for future use **</b>
<i>secured_media</i>	<i>tinyint(2)</i>	NOT NULL	0 = none (unsecured) 1 = secured 2 = partial		Flag to denote whether session contained secure media or not; partial can designate one leg secured (if supported by SIPREC client) or a segment of the dialog with SRTP
<i>checksum</i>	<i>varchar(255)</i>				MD5 checksum
<i>checksum_mismatch</i>	<i>tinyint(1)</i>		0 = no mismatch 1 = mismatch		MD5 checksum mismatch

Table Name: remote\_archivers

Purpose: DEPRECATED – NO LONGER USED

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>remote_archiver_id</i>	<i>bigint(20) unsigned</i>	NOT NULL		<i>auto_increment</i>	Primary key
<i>remote_archiver_ip</i>	<i>varchar(15)</i>	NOT NULL			Remote IP address
<i>thread_number</i>	<i>smallint(5) unsigned</i>	NOT NULL		1	Number of simultaneous threads
<i>dest_location</i>	<i>bigint(20)</i>			NULL	location where the remote archiver archives to
<i>remote_archiver_state</i>	<i>smallint(2) unsigned</i>	NOT NULL	0 = paused 1 = active	0	Status of remote archiver
<i>cron_schedule</i>	<i>varchar(45)</i>			NULL	cron schedule of the remote archival job
<i>web_service_uri</i>	<i>varchar(255)</i>	NOT NULL			remote archival web service URI
<i>web_service_uri_failover</i>	<i>varchar(255)</i>	NOT NULL			remote archival web service failover URI

Table Name: route\_config

Purpose: Configure recording rules base on DNIS and/or ANI

Field Name	Field Type	Nullable	Supported Values	Default	Description
route_id	int(10) unsigned	NOT NULL	Auto increment		Primary key
route_type	tinyint(3) unsigned	NOT NULL	0 = DNIS 1 = ANI 2 = ANI/DNIS	0	Type of route
route_pattern	varchar(100)	NOT NULL			Value to be evaluated
label	varchar(100)	NOT NULL			Value to be shown as DNIS in recordings list
account_id	int(10) unsigned	NOT NULL		0	accounts.account_id route belongs to
percent_to_record	smallint(5)	NOT NULL	1-100	-1	Percentage of sessions to record
recording_enabled	tinyint(3)	NOT NULL	0=recording disabled 1=recording enabled	-1	Is recording enabled for this route
default_recording_type	tinyint(3) unsigned	NOT NULL	See the admin guide for the supported recording formats.	0	The default recording format used for this route
virtual_route_pattern	varchar(100)			NULL	User value that will be set in the SIP URI on call leg from RSS
announce_audio_file	varchar(100)		Text	NULL	Announcement to be played on this route
announce_audio_text	varchar(200)		Text		TTS fallback in the event the announcement file is not available
opt_out_vxml_file	varchar(100)		Text		VXML file for implementing opt-out on this route*
opt_out_enabled	tinyint(1)	NOT NULL	0 = disabled 1 = enabled	0	Whether opt out is enabled
announce_enabled	tinyint(1)	NOT NULL	0= announcement disabled 1=announcement enabled	0	Whether announcements are enabled for this route
application	varchar(45)		passthru, conference, callparking, recordandsave, VAMTest	NULL	route type used for this route
play_beep_before_record	tinyint(3) unsigned	NOT NULL	0	0	Should the beep tone be played on route
terminate_on_dtmf	tinyint(3) unsigned	NOT NULL	0	0	Should a conference mode recording terminate on DTMF entry
terminate_on_eos	tinyint(4)	NOT NULL		-1	Should a conference mode recording terminate on End of Speech
priority	float	NOT NULL		0.5	order in which routes will be evaluated
maximum_number_of_ports	int(11) unsigned	NOT NULL		24	Maximum number of simultaneous sessions this route will be able to support.
number_of_burst_ports	int(10) unsigned	NOT NULL		6	Default number of ports over maximum that the route will be able to use. These ports are reported separately.
storage_grace_period	int(10) unsigned	NOT NULL		0	Number of days over minimum_storage_days that archiver should keep the recording before deleting
recurring_beep_enabled	tinyint(3) unsigned	NOT NULL	0=disabled 1=enabled	0	Enable/Disable recurring beep played during recording
recurring_beep_interval	int(10) unsigned	NOT NULL		30	If enabled, how often should the beep be played
recurring_beep_file	varchar(45)		File Name	beep.wav	Name of file, stored in RSS Cache, that should be played
record_save_dtmf	varchar(1)	NOT NULL		#	single-digit dtmf that will save a recording made on a Record & Save route
call_meta_data_src	tinyint	NOT NULL	0 = none 1 = TSAPI	0	FOR FUTURE USE
agent_id_editable_flag	tinyint(3) unsigned	NOT NULL	0 = not editable 1 = editable	0	Can users edit the data in the agent_id field

Field Name	Field Type	Nullable	Supported Values	Default	Description
rating_editable_flag	tinyint(3) unsigned	NOT NULL	0 = not editable 1 = editable	0	Can users edit the data in the scoring rate information
completed_editable_flag	tinyint(3) unsigned	NOT NULL	0 = not editable 1 = editable	0	Can users edit the data in the complete transaction flag?
notes_editable_flag	tinyint(3) unsigned	NOT NULL	0 = not editable 1 = editable	0	Can users edit the scoring notes
codec_profile_id	INT			1	Codec_profiles.codec_profile_id of the codec profile to be used for this route
force_rpdd	INT	NOT NULL	0 = Disabled 1 = Enabled	0	Write all recordings to .rpdd files to be converted after recording completion
store_dtmf_setting	TINYINT	NOT NULL	-1 = None / Use System Default 0 = Disabled 1 = Enabled	-1	Should ISR store and display RFC2833 and SIP INFO DTMF digits in the recording details view?
download_recording_permission	TINYINT(3)	NOT NULL	0 = download disabled 1 = download enabled	1	Do users created under this account have the option of downloading recordings? Account level control over recording download.
playback_recording_permission	TINYINT(3)	NOT NULL	0 = playback disabled 1 = playback enabled	1	Do users created under this account have the option to playback recordings within the dashboard? Account level control over recording playback.
delete_recording_permission	TINYINT(3)	NOT NULL	0 = delete disabled 1 = delete enabled	1	Do users created under this account have the option to delete recordings within the dashboard? Account level control over recording deletion.
video_recording_enabled	tinyint(1)		0 = video recording disabled 1 = video recording enabled	0	Video recording enabled for route
video_access_enabled	tinyint(1)		0 = video playback disabled 1 = video playback enabled	1	Playback of video recording enabled for route

Table Name: route\_groups

Purpose: Create and define a group of routes that should all have the same master requirements

Field Name	Field Type	Nullable	Supported Values	Default	Description
route_group_member_id	int(11)	NOT NULL		auto_increment	Primary key
route_group_master_id	int(10) unsigned	NOT NULL			route_config.route_id of the master ID
route_pattern	varchar(100)	NOT NULL			route pattern to be evaluated
virtual_route_pattern	varchar(100)	NOT NULL			user value of end destination

Table Name: route\_map\_tracking\_events

Purpose: Track events related to the route map caching

Field Name	Field Type	Nullable	Supported Values	Default	Description
id	int(10) unsigned	NOT NULL		auto_increment	Primary key
object_type	smallint(2) unsigned	NOT NULL	0 = account 1 = route 2 = obgateway		Object event pertains to
action_type	smallint(2) unsigned	NOT NULL	0 = add 1 = changed 2 = delete		Type of action
action_time	timestamp	NOT NULL		CURRENT_TIMESTAMP	Time of event
site_id	int(10)	NOT NULL		-1	sites.site_id event pertains to
additional_info	varchar(100)	NOT NULL			Additional information

**Table Name:** saved\_searches

**Purpose:** Define searches saved in User Dashboard

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>id</i>	<i>int(11)</i>	NOT NULL		<i>auto increment</i>	<i>primary key</i>
<i>user_id</i>	<i>int(11)</i>	NOT NULL			<i>users.user_id which saved the search</i>
<i>name</i>	<i>varchar(255)</i>	NOT NULL			<i>Name of saved search</i>
<i>mode</i>	<i>int(11)</i>			<i>1</i>	<i>Type of Saved search</i>
<i>category_id</i>	<i>int(11)</i>			<i>NULL</i>	<i>Search category ID</i>
<i>ANI</i>	<i>varchar(255)</i>			<i>NULL</i>	<i>ANI provided in search</i>
<i>DNIS</i>	<i>varchar(255)</i>			<i>NULL</i>	<i>DNIS provided in search</i>
<i>filename</i>	<i>varchar(255)</i>			<i>NULL</i>	<i>filename provided in search</i>
<i>agentid</i>	<i>varchar(255)</i>			<i>NULL</i>	<i>agent id provided in search</i>
<i>duration</i>	<i>varchar(255)</i>			<i>NULL</i>	<i>duration of recordings provided in search</i>
<i>vmg</i>	<i>varchar(255)</i>			<i>NULL</i>	<i>value to search in vmg</i>
<i>duration_start</i>	<i>varchar(255)</i>			<i>NULL</i>	<i>search duration minimum duration</i>
<i>duration_stop</i>	<i>varchar(255)</i>			<i>NULL</i>	<i>search duration maximum duration</i>
<i>date_start</i>	<i>varchar(255)</i>			<i>NULL</i>	<i>search calls after this date</i>
<i>date_stop</i>	<i>varchar(255)</i>			<i>NULL</i>	<i>search calls before this date</i>
<i>allow_partial</i>	<i>tinyint(1)</i>		<i>0 = do not allow 1 = allow</i>		<i>search for partial match of values within specified fields</i>
<i>active</i>	<i>tinyint(1)</i>		<i>0 = inactive 1 = active</i>		<i>Search is currently active</i>
<i>date_relative</i>	<i>varchar(255)</i>			<i>NULL</i>	<i>search relative to which date</i>
<i>date_search_type</i>	<i>varchar(255)</i>			<i>range</i>	<i>what type of date search to perform</i>
<i>created_at</i>	<i>datetime</i>			<i>NULL</i>	<i>Date search initially saved</i>
<i>updated_at</i>	<i>datetime</i>			<i>NULL</i>	<i>Date of last update to search criteria</i>
<i>isr_ucid</i>	<i>varchar(255)</i>			<i>NULL</i>	<i>ISR UCID</i>
<i>ingress_callid</i>	<i>varchar(255)</i>				<i>SIPREC Ingress leg call ID associated with saved search</i>
<i>egress_callid</i>	<i>varchar(255)</i>				<i>DEPRECATED – NO LONGER USED</i>
<i>siprec_session</i>	<i>varchar(255)</i>				<i>SIPREC Session ID</i>
<i>apkt_callingParty</i>	<i>varchar(255)</i>				<i>CallingParty saved search value</i>
<i>apkt_ReferringParty</i>	<i>varchar(255)</i>				<i>ReferringParty saved search value</i>
<i>apkt_ReferredParty</i>	<i>varchar(255)</i>				<i>ReferredParty saved search value</i>
<i>apkt_ReferTarget</i>	<i>varchar(255)</i>				<i>ReferTarget saved search value</i>
<i>extTrackingID</i>	<i>varchar(255)</i>				<i>extTrackingID saved search value</i>
<i>groupID</i>	<i>varchar(255)</i>				<i>groupID saved search value</i>
<i>userID</i>	<i>varchar(255)</i>				<i>userID saved search value</i>



<i>Field Name</i>	<i>Field Type</i>	<i>Nullable</i>	<i>Supported Values</i>	<i>Default</i>	<i>Description</i>
<i>callID</i>	<i>varchar(255)</i>				<i>callID saved search value</i>
<i>callingPartyNumber</i>	<i>varchar(255)</i>				<i>callingPartyNumber saved search value</i>
<i>calledPartyNumber</i>	<i>varchar(255)</i>				<i>calledPartyNumber saved search value</i>
<i>serviceProviderID</i>	<i>varchar(255)</i>				<i>serviceProviderID saved search value</i>
<i>participant_aor</i>	<i>varchar(255)</i>				<i>participantAOR saved search value</i>
<i>apck_ucid</i>	<i>varchar(255)</i>				<i>Apck_ucid saved search value</i>
<i>apkt_request_uri</i>	<i>varchar(255)</i>				<i>Request URI saved search value</i>
<i>apkt_diversion</i>	<i>varchar(255)</i>				<i>Diversion Header saved search value</i>
<i>apkt_p_asserted_identity</i>	<i>varchar(255)</i>				<i>PAI Saved search value</i>
<i>apkt_in_realm</i>	<i>varchar(255)</i>				<i>Realm id saved search value</i>
<i>label</i>	<i>varchar(255)</i>				<i>Label saved search value</i>
<i>custom_data</i>	<i>varchar(255)</i>				<i>Custom data saved search value</i>

**Table Name:** security\_settings

**Purpose:** Configure dashboard security settings

Field Name	Field Type	Nullable	Supported Values	Default	Description
security_id	int(10) unsigned	NOT NULL		auto increment	Primary key
password_expiry_days	tinyint(3) unsigned	NOT NULL		90	Number of days before a user password expires
password_strength_requirements	tinyint(3) unsigned	NOT NULL	0 = 1 = 2 =	2	how strong does a user password need to be
lockout_time_seconds	int(10) unsigned	NOT NULL		3600	Length of time a user will be locked out after max_failed_logins_before_lockout
max_failed_logins_before_lockout	tinyint(3) unsigned	NOT NULL		5	Number of failed login attempts a user will be allowed before being locked out
maximum_password_history	tinyint(3) unsigned	NOT NULL		4	Number of password changes before a user can reuse a password
show_forgotten_password_page	tinyint(3) unsigned	NOT NULL	0 = do not show 1 = show	0	Should users see the link to be emailed a password
change_date	datetime	NOT NULL			Date of last security change
changed_by_user_id	int(10) unsigned	NOT NULL			users.user_id who made last change
aes_cypher_key	varchar(32)			NULL	Cypher key used for encryption of data
allow_http_cache_of_media	tinyint(3) unsigned	NOT NULL	0 = no 1 = yes	0	Allow browser caching of media and files
max_token_expiration_seconds	int unsigned	NOT NULL		3600	Inter-process authorization token expiration`
internal_api_authorization_type	varchar(16)			none	Type of authentication used by internal RSS API
authorization_expiration_secs	int(10)			3600	Seconds after which auth will expire
smtp_from_email_address	varchar(255)			<a href="mailto:isradmin@oracle.com">isradmin@oracle.com</a>	Address forgotten passwords will originate from
smtp_host	varchar(255)				Address of SMTP Host for forgotten password emails
smtp_port	integer			25	Port of SMTP Host for forgotten password emails
smtp_username	varchar(255)				Credentials for SMTP
smtp_password	varchar(255)				Credentials for SMTP

**Table Name:** session\_extension\_data

**Purpose:** SIPREC Session Extension Data

Field Name	Field Type	Nullable	Supported Values	Default	Description
session_extension_data_id	bigint	NOT NULL		auto increment	Primary key
metadata_correlation_sets_id	bigint(20)				Metadata_correlation_sets.metadata_correlation_sets_id
value	varchar(255)				Metadata value
metadata_type_id	int	NOT NULL			Metadata type id
session_id	bigint	NOT NULL			session.session_id this extension data element relates to
indexed_value	varchar(255)				Value received in SIPREC stream for session_extension_data_id

**Table Name:** sessions

**Purpose:** SIPREC Session Data

Field Name	Field Type	Nullable	Supported Values	Default	Description
session_id	bigint	NOT NULL		auto increment	Primary key
start_time	datetime				start time of session
end_time	datetime				end time of session
siprec_session_id	varchar(255)				Session ID for SIPREC session

**Table Name:** sessions\_recordings

**Purpose:** Correlates Recordings to Sessions

Field Name	Field Type	Nullable	Supported Values	Default	Description
recording_id	bigint				Recordings.recording_id
session_id	bigint	NOT NULL			Sessions.session_id
tmp_recording_id	bigint				Correlates session with active recording
metadata_correlation_sets_id	bigint (20)				Metadata_correlation_sets.metadata_correlation_sets_id

**Table Name:** sites

**Purpose:** Configuration of site information

Field Name	Field Type	Nullable	Supported Values	Default	Description
site_id	int(10) unsigned	NOT NULL		auto increment	Primary key
site_description	varchar(45)	NOT NULL			Site name
site_level	int(10) unsigned	NOT NULL	0 = Primary 1 = Secondary	0	Site type
primary_site_db_ip	varchar(15)	NOT NULL			database IP to be used with this site
primary_site_db_link_status	int(10) unsigned	NOT NULL	0 = Up 1 = Down 2 = Sync Needed 3 = Sync in Progress	0	DB status
gateway_max_failure_count	int(10) unsigned	NOT NULL		5	NO LONGER USED
gateway_max_failure_secs	int(10) unsigned	NOT NULL		30	NO LONGER USED
gateway_min_secs_before_retry	int(10) unsigned	NOT NULL		300	NO LONGER USED

**Table Name:** src\_type

**Purpose:** FOR FUTURE USE

Field Name	Field Type	Nullable	Supported Values	Default	Description
src_type_id	int	NOT NULL			
src_type_name	varchar(255)			NULL	

Table Name: stream\_extension\_data

Purpose: SIPREC Stream Extension Data

Field Name	Field Type	Nullable	Supported Values	Default	Description
stream_extension_data_id	bigint	NOT NULL		auto increment	Primary key
metadata_correlation_sets_id	bigint(20)				Metadata_correlation_sets.metadata_correlation_sets_id
value	varchar(255)				Data set value
metadata_type_id	int	NOT NULL			Metadata_types.metadata_type_id
stream_id	bigint	NOT NULL			Streams.streams_id
indexed_value	varchar(255)				Searchable value of metadata

Table Name: streams

Purpose: SIPREC Participant Stream Data

Field Name	Field Type	Nullable	Supported Values	Default	Description
stream_id	bigint	NOT NULL		auto increment	Primary key
start_time	datetime				start time of stream
end_time	datetime				end time of stream
session_id	bigint	NOT NULL			Sessions.session_id this stream is affiliated with
participant_id	bigint	NOT NULL			Participants.participant_id this stream is affiliated with
siprec_stream_id	varchar(255)				Name of SIPREC Stream
label	varchar(255)				Stream label
mode	varchar(255)		1 = audio		Stream mode, such as "separate"; codec type

Table Name: supplemental\_files

Purpose: Additional media streams associated with a recording

Field Name	Field Type	Nullable	Supported Values	Default	Description
supplemental_file_id	bigint(20)	NOT NULL		auto increment	Primary key
recording_id	bigint(20)	NOT NULL			recordings.recording_id these files correlate to
tmp_recording_id	bigint(20)				tmp_recordings.tmp_recording_id these files correlate to
file_type	varchar(10)		AUDIO – an audio file VIDEO – a video file		The type of file
file_name	varchar(255)				Name of the supplemental file

**Table Name:** template\_definitions

**Purpose:** Export Template definitions

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>id</i>	<i>bigint(20)</i>	<i>NOT NULL</i>		<i>auto increment</i>	<i>Primary key</i>
<i>type</i>	<i>int(10)</i>	<i>NOT NULL</i>	<i>1 – recording output definition</i>		<i>The type of template</i>
<i>version</i>	<i>int(10)</i>				<i>Template version</i>
<i>name</i>	<i>varchar(200)</i>				<i>Template name</i>
<i>body</i>	<i>text</i>				<i>Template format</i>

**Table Name:** template\_fields

**Purpose:** Fields associated with Templates

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>id</i>	<i>bigint(20)</i>	<i>NOT NULL</i>		<i>auto increment</i>	<i>Primary key</i>
<i>name</i>	<i>varchar(200)</i>	<i>NOT NULL</i>			<i>The name of the field, such as ‘recording ID’, ‘from/ANI’, or ‘filename’</i>
<i>src_class</i>	<i>varchar(200)</i>				<i>Internal ISR location identifier of where the data comes from</i>
<i>src_identifier</i>	<i>varchar(200)</i>				<i>Internal ISR location method identifier of where the data comes from</i>
<i>field_param_name</i>	<i>varchar(200)</i>				<i>Specifier for use in the template body to reference this field</i>

**Table Name:** thirdparty\_service\_config

**Purpose:** General listing of 3<sup>rd</sup> party authorization services

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>thirdparty_service_id</i>	<i>int unsigned</i>	<i>NOT NULL</i>		<i>auto increment</i>	<i>Primary key</i>
<i>thirdparty_service_name</i>	<i>varchar(100)</i>	<i>NOT NULL</i>			<i>Name of 3<sup>rd</sup> Party Service</i>
<i>thirdparty_service_content</i>	<i>varchar(100)</i>				<i>Service Location</i>

**Table Name:** thirdparty\_service\_params

**Purpose:** 3<sup>rd</sup> party authorization service configuration details

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>thirdparty_service_param_id</i>	<i>int unsigned</i>	<i>NOT NULL</i>		<i>auto increment</i>	<i>Primary key</i>
<i>thirdparty_service_id</i>	<i>int unsigned</i>				<i>thirdparty_service_config.thirdparty_service_id</i>
<i>thirdparty_param</i>	<i>varchar(100)</i>				<i>Third party configuration parameter name</i>
<i>thirdparty_param_value</i>	<i>varchar(256)</i>	<i>NOT NULL</i>			<i>Value for thirdparty_param</i>

**Table Name:** tokens

**Purpose:** Assign tokens to sessions

Field Name	Field Type	Nullable	Supported Values	Default	Description
token_id	int(20) unsigned	NOT NULL		auto increment	Primary key, zero fill
session_id	varchar(256)	NOT NULL			Session ID token assigned to
timestamp	datetime	NOT NULL		0000-00-00 00:00:00	Session time

**Table Name:** transmission\_codecs

**Purpose:** Configuration of incoming audio codecs

Field Name	Field Type	Nullable	Supported Values	Default	Description
transmission_codec_id	int	NOT NULL		auto increment	Primary key, zero fill
name	varchar(64)				Plain text codec identifier
type	tinyint	NOT NULL	1 = audio		Codec type
rtp_payload_type_id	int	NOT NULL			RTP payload type ID offered in SIPREC INVITE SDP
bit_size	tinyint				Bit size used by transmission codec
sampling_rate_hz	int				Sampling rate used by transmission codec

**Table Name:** user\_accounts

**Purpose:** Affiliate users with accounts

Field Name	Field Type	Nullable	Supported Values	Default	Description
user_id	int(10) unsigned	NOT NULL			users.user_id
account_id	int(10) unsigned	NOT NULL			accounts.account_id
all_routes_in_account_access	tinyint(3) unsigned	NOT NULL	0 = disabled 1 = enabled		does user have access to all routes in account

**Table Name:** user\_display\_preferences

**Purpose:** configure user preferences in User Dashboard

Field Name	Field Type	Nullable	Supported Values	Default	Description
id	int(11)	NOT NULL		auto increment	Primary key
user_id	int(11)	NOT NULL			users.user_id preferences pertain to
name	varchar(255)	NOT NULL			name
priority	int(11)			0	Priority

<i>created_at</i>	<i>datetime</i>	<i>NULL</i>	<i>Date preferences created</i>
<i>updated_at</i>	<i>datetime</i>	<i>NULL</i>	<i>Date preferences last updated</i>

**Table Name:** user\_routes

**Purpose:** Affiliate users with routes

<i>Field Name</i>	<i>Field Type</i>	<i>Nullable</i>	<i>Supported Values</i>	<i>Default</i>	<i>Description</i>
<i>route_id</i>	<i>int(10) unsigned</i>	<i>NOT NULL</i>			<i>route_config.route_id</i>
<i>user_id</i>	<i>int(10) unsigned</i>	<i>NOT NULL</i>			<i>users.user_id</i>

**Table Name:** user\_type

**Purpose:** Define user types and the privileges available to each

<i>Field Name</i>	<i>Field Type</i>	<i>Nullable</i>	<i>Supported Values</i>	<i>Default</i>	<i>Description</i>
<i>user_type_id</i>	<i>int(10) unsigned</i>	<i>NOT NULL</i>		<i>auto increment</i>	<i>Primary key</i>
<i>user_type_name</i>	<i>varchar(45)</i>	<i>NOT NULL</i>			<i>name of this user type</i>
<i>account_id</i>	<i>int(10) unsigned</i>			<i>NULL</i>	<i>account id this user is specifically tied to</i>
<i>priv_sys_create</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can create system elements</i>
<i>priv_sys_modify</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can modify system elements</i>
<i>priv_sys_view</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can view system elements</i>
<i>priv_account_create</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can create accounts</i>
<i>priv_account_modify</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can modify accounts</i>
<i>priv_account_view</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can view accounts</i>
<i>priv_route_create</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can create routes</i>
<i>priv_route_modify</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can modify routes</i>
<i>priv_route_view</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can view routes</i>
<i>priv_user_create</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can create users</i>
<i>priv_user_modify</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can modify users</i>
<i>priv_user_view</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can view users</i>
<i>priv_recording_create</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can create recordings</i>
<i>priv_recording_modify</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can modify recording / data</i>
<i>priv_recording_view</i>	<i>tinyint(3) unsigned</i>	<i>NOT NULL</i>	<i>0 = disabled 1 = enabled</i>	<i>0</i>	<i>User can view recordings / data</i>





Table Name: users

Purpose: Define users, track login history and their dashboard preferences

Field Name	Field Type	Nullable	Supported Values	Default	Description
<b>user_id</b>	int(10) unsigned	NOT NULL		auto increment	primary key
<b>user_name</b>	varchar(45)	NOT NULL			User's name
<b>user_email</b>	varchar(45)	NOT NULL			user's login
<b>description</b>	varchar(45)	NOT NULL			User description
<b>user_pass</b>	varchar(45)			NULL	user's password
<b>password_type</b>	tinyint(3) unsigned	NOT NULL	0 = MD5 1 = AESJava 2 = AesRuby 3 = AesRubySalt 4 = SHA256	0	what type of encryption was used on password
<b>user_type_id</b>	int(10) unsigned	NOT NULL		0	user_types.user_type_id
<b>last_login</b>	datetime			NULL	date of last login
<b>account_id</b>	int(10) unsigned	NOT NULL		0	Primary account user is affiliated with
<b>delete_permission</b>	tinyint(3) unsigned	NOT NULL	0 = disabled (cannot delete) 1 = enabled (can delete)	1	Can user delete recordings
<b>last_pass_change</b>	datetime			NULL	Date of last password change
<b>login_disabled</b>	tinyint(3) unsigned	NOT NULL	0 = enabled 1 = disabled		Login active
<b>failed_login_attempts</b>	tinyint(3) unsigned	NOT NULL		0	Number of failed login attempts since last successful login
<b>last_failed_login_attempt</b>	datetime			NULL	Date and time of last failed login attempt
<b>previous_password_0</b>	varchar(45)			NULL	users prior password
<b>previous_password_0_type</b>	tinyint(3)		0 = MD5 1 = AESJava 2 = AesRuby 3 = AesRubySalt 4 = SHA256		users prior password type
<b>previous_password_1</b>	varchar(45)			NULL	users prior password
<b>previous_password_1_type</b>	tinyint(3)		0 = MD5 1 = AESJava 2 = AesRuby 3 = AesRubySalt 4 = SHA256		users prior password type
<b>previous_password_2</b>	varchar(45)			NULL	users prior password
<b>previous_password_2_type</b>	tinyint(3)		0 = MD5 1 = AESJava 2 = AesRuby 3 = AesRubySalt 4 = SHA256		users prior password type
<b>previous_password_3</b>	varchar(45)			NULL	users prior password`
<b>previous_password_3_type</b>	tinyint(3)		0 = MD5 1 = AESJava 2 = AesRuby 3 = AesRubySalt 4 = SHA256		users prior password type

Field Name	Field Type	Nullable	Supported Values	Default	Description
<b>audit_view_permission</b>	tinyint(3) unsigned	NOT NULL	0 = cannot view audit logs 1 = can view audit logs	0	Can user view audit logs
<b>timezone_offset</b>	tinyint(4)	NOT NULL		0	Users timezone in relation to GMT
<b>call_control_permission</b>	tinyint(3) unsigned	NOT NULL	0 = cannot view 1 = can view	0	Can user see call controls option
<b>edit_recording_data_permission</b>	tinyint(3) unsigned	NOT NULL	0 = cannot edit 1 = can edit	0	can user edit recording metadata
<b>notes_and_scoring_permission</b>	tinyint(3) unsigned	NOT NULL	1 = cannot view 1 = can view	0	Can user view notes and scoring option
<b>dash_refresh_rate</b>	tinyint(3) unsigned	NOT NULL		10	Rate at which dashboard refreshes
<b>dash_start_page</b>	varchar(20)	NOT NULL		recordings	page displayed when user logs in
<b>dash_max_logs</b>	tinyint(3) unsigned	NOT NULL		40	Number of pages of logs to show
<b>dash_max_logs_per_page</b>	tinyint(3) unsigned	NOT NULL		10	Number of logs to show per page
<b>dash_max_display_items_per_page</b>	tinyint(3) unsigned	NOT NULL		15	Number of items (not logs) to show per page
<b>all_routes_in_account_access</b>	tinyint(3) unsigned	NOT NULL	0 = not by default 1 = by default	0	Does user have access to all routes under their assigned account (only implemented in User Dashboard)
<b>reset_confirmation</b>	varchar(255)				Encrypted string for handling dashboard users
<b>third_party_auth_group_id</b>	varchar(255)				Group ID associated with a user in the 3 <sup>rd</sup> party auth service
<b>time_zone</b>	varchar(255)			Eastern Time (US & Canada)	User selected timezone
<b>download_recording_permission</b>	tinyint(3)	NOT NULL			Can user download recordings
<b>playback_recording_permission</b>	tinyint(3)	NOT NULL			Can user playback recordings
<b>locale</b>	varchar(255)			en	User's chosen locale / language
<b>video_access_enabled</b>	tinyint(1)			0	User can access / play back video recordings

Table Name: vmg\_channel\_lookup

Purpose: Mapping of sessions to channels on the RSS for sessions in-progress

Field Name	Field Type	Nullable	Supported Values	Default	Description
<b>vmg_id</b>	int(10) unsigned	NOT NULL		0	vmgs.vmg_id; RSS handling session
<b>channel_no</b>	int(10) unsigned	NOT NULL		0	channel number handling session
<b>ANI</b>	varchar(45)	NOT NULL			ANI of active session
<b>DNIS</b>	varchar(45)	NOT NULL			DNIS of active session
<b>start_of_call</b>	datetime	NOT NULL		0000-00-00 00:00:00	session start time
<b>recording_file_name</b>	varchar(100)			NULL	name of file being recorded for this session
<b>virtual_dnis</b>	varchar(45)			NULL	virtual route pattern invoked on this session
<b>route_id</b>	bigint(20) unsigned	NOT NULL		0	route ID invoked on this session
<b>account_id</b>	int(10) unsigned	NOT NULL		1	account ID for this session

Field Name	Field Type	Nullable	Supported Values	Default	Description
call_state	tinyint(3) unsigned	NOT NULL	0 = Unknown 1 = Observed	0	Current call state
isr_ucid	varchar(256)			NULL	UCID of session
ingress_callid	varchar(256)			NULL	Ingress Call Id of session
egress_callid	varchar(256)			NULL	DEPRECATED – NO LONGER USED
session_id	bigint			NULL	SIPREC Session ID

Table Name: vmgs

Purpose: RSS configuration

Field Name	Field Type	Nullable	Supported Values	Default	Description
vmg_id	int(10) unsigned	NOT NULL		auto increment	Primary key
vmg_ip	varchar(64)			NULL	RSS IP address – SIP signaling
vmg_description	varchar(64)			NULL	Description
www_served_from	varchar(255)			NULL	URL where recordings stored on this RSS will be served from
site_id	int(10) unsigned	NOT NULL		0	Site this RSS is affiliated with
location	bigint(20)	NOT NULL		-1	locations.location_id for primary recording storage
failover_location	bigint(20)	NOT NULL		-1	locations.location_id for failover recording storage
api_url_scheme	varchar(10)	NOT NULL	http https	https	URL Schema to reach RSS API
api_url_port	varchar(7)	NOT NULL		8443	RSS API webserver port
api_url_base_path	varchar(10)	NOT NULL		/IsrApi/rest	RSS API base path of URL
rest_webservice_port	int	NOT NULL		9998	Web service port for the recorder process
rest_webservice_ssl_enabled	tinyint(1)	NOT NULL	0 = disabled 1 = enabled	1	Is web service for recorder process SSL enabled?
rest_webservice_ssl_cert_file	varchar(500)				Webservice certificate file
admin_ip	varchar(64)				RSS Admin Interface IP Address
data_ip	varchar(64)				RSS Data Interface IP Address
config_update_interval	int(10)			300	Frequency of configuration reload
number_of_sessions	int(10)			0	Number of licensed sessions on RSS
rec_full_call_recording	tinyint(1)		0=disabled 1=enabled	1	Record all recordable calls from start to finish
rec_filename_format	varchar(255)			%DNIS%-%CALLID%.wav	Default format of recorded file name
rec_fmt_riff_header	tinyint(1)		0 = headerless 1 = header	1	Headered or headerless file
rec_fmt_encoding	varchar(50)			linear	Default recording encoding format
rec_fmt_bit_rate	int(10)		4,8,16	8	Default recording bit rate
rec_fmt_number_of_channels	tinyint(3)		1= mono (single) 2 = stereo (split)	2	Recordings written with merged or split audio channels

Field Name	Field Type	Nullable	Supported Values	Default	Description
<i>rec_fmt_separate_file_per_channel</i>	<i>tinyint(1)</i>				INTERNAL USE ONLY
<i>rec_disable_audio_realigning</i>	<i>tinyint(1)</i>		0 = audio realign enabled 1 = audio realign disabled		Audio realignment configuration
<i>sip_port</i>	<i>int(10)</i>			5060	Port RSS is listening on for SIP / RTP traffic
<i>sip_rejection_substitution_code</i>	<i>smallint(6)</i>				Customized rejection code
<i>sip_authentication_user_id</i>	<i>varchar(255)</i>				SIP proxy authentication user
<i>sip_authentication_password</i>	<i>varchar(255)</i>				SIP proxy authentication password
<i>sip_authentication_realm</i>	<i>varchar(255)</i>				SIP proxy authentication realm
<i>sip_debug_log</i>	<i>tinyint(1)</i>		0 = disabled 1 = enabled	0	Write SIP debug messages
<i>sip_pct_to_record_rejection_enabled</i>	<i>tinyint(1)</i>		0 = disabled 1 = enabled	0	Reject calls that are not recorded, when in % recording mode
<i>sip_pct_to_record_rejection_response_code</i>	<i>smallint(6)</i>				Code to return when rejecting non recorded calls in % recording mode
<i>sip_pct_to_record_rejection_response_msg</i>	<i>varchar(255)</i>				Message to return when rejecting non recorded calls in % recording mode
<i>sip_comfort_noise</i>	<i>tinyint(4)</i>		0 = disabled 1 = enabled	1	Legacy configuration option, no longer used.
<i>sip_isr_ucid_header_field</i>	<i>varchar(255)</i>			<i>x-isr-ucid</i>	
<i>siprec_src_feature_tag</i>	<i>varchar(255)</i>				Internal SIPREC configuration field, not usually changed
<i>siprec_srs_feature_tag</i>	<i>varchar(255)</i>				Internal SIPREC configuration field, not usually changed
<i>api_cache_update_interval</i>	<i>int(10)</i>			300	frequency recording policy cache is updated
<i>rtp_listen_port_start</i>	<i>int(10)</i>			22000	UDP starting port RSS receives audio RTP traffic on
<i>rtp_video_listen_port_start</i>	<i>int(10)</i>				UDP starting port RSS receives video RTP traffic on
<i>rtp_check_packet_source</i>	<i>tinyint(1)</i>		0 = disabled 1 = enabled		Restrict packets to certain source IPs
<i>rtp_amplify_dtmf</i>	<i>tinyint(1)</i>		0 = disabled 1 = enabled		should RSS amplify DTMF signal in recording
<i>rtp_amplify_dtmf_factor</i>	<i>tinyint(3)</i>				Deprecated
<i>rtp_sess_establish_warn_after_secs</i>	<i>int(10)</i>			30	Timer (secs) after which a warning message is logged in the event no RTP is received immediately following session establishment
<i>rtp_sess_establish_terminate_after_secs</i>	<i>int(10)</i>			300	Timer (secs) after which the recording session is terminated in the event no RTP is immediately received following session establishment
<i>rtp_sess_in_progress_warn_after_secs</i>	<i>int(10)</i>			30	Timer (secs) after which a warning message is logged in the event RTP stops being received during an active session.
<i>rtp_sess_in_progress_terminate_after_secs</i>	<i>int(10)</i>			600	Timer (secs) after which the recording session is terminated in the event RTP stops being received following session establishment
<i>local_cdr</i>	<i>tinyint(1)</i>		0 = disabled 1 = enabled		Enable or disable CDR logging to file for ISR sessions
<i>early_media_allow</i>	<i>tinyint(1)</i>		0 = disabled 1 = enabled	1	Will early media be recorded?
<i>rec_video_recording_enabled</i>	<i>tinyint(1)</i>		0 = disabled 1 = enabled	1	is video recording enabled
<i>transport_method</i>	<i>varchar(3)</i>		udp tls tcp	udp	Configured transport protocol
<i>sip_tls_ssl_cert_file</i>	<i>varchar(5000)</i>				/opt/isr/security/keys/rss_cert.pem

<i>Field Name</i>	<i>Field Type</i>	<i>Nullable</i>	<i>Supported Values</i>	<i>Default</i>	<i>Description</i>
<i>sip_sys_cap_rejection_response_code</i>	<i>smallint(6)</i>			<i>-1</i>	<i>SIP response code for a licensed capacity decline</i>
<i>sip_sys_cap_rejection_response_msg</i>	<i>varchar(255)</i>				<i>SIP response message for a license capacity decline</i>
<i>sip_rt_acct_cap_rejection_response_code</i>	<i>smallint(6)</i>			<i>-1</i>	<i>SIP response code for account / route capacity decline</i>
<i>sip_rt_acct_cap_rejection_response_msg</i>	<i>varchar(255)</i>				<i>SIP response message for account / route capacity decline</i>

Table Name: webservice\_destinations

Purpose: DEPRECATED – NO LONGER USED

Field Name	Field Type	Nullable	Supported Values	Default	Description
<b>webservice_id</b>	<i>bigint(20) unsigned</i>	NOT NULL		<i>auto increment</i>	<i>Primary key</i>
<b>account_id</b>	<i>int(10) unsigned</i>	NOT NULL			<i>accounts.account_id info that will be sent to this webservice</i>
<b>route_id</b>	<i>int(10) unsigned</i>	NOT NULL			<i>route_config.route_id info that will be sent to this webservice</i>
<b>max_retries</b>	<i>tinyint(3) unsigned</i>	NOT NULL		5	<i>Number of attempts to send a record to webservice before marked as failure; 0 = unlimited attempts</i>
<b>max_simultaneous_connections</b>	<i>tinyint(3) unsigned</i>	NOT NULL		24	<i>maximum number of simultaneous connections; 0=unlimited</i>
<b>url_1</b>	<i>varchar(255)</i>	NOT NULL			<i>Primary web service URL</i>
<b>url_2</b>	<i>varchar(255)</i>			NULL	<i>Secondary web service URL</i>
<b>url_3</b>	<i>varchar(255)</i>			NULL	<i>Tertiary web service URL</i>
<b>webservice_state</b>	<i>tinyint(2) unsigned</i>	NOT NULL	<i>0 = paused 1 = unpaused</i>	0	<i>Webservice state</i>
<b>delete_enabled</b>	<i>tinyint(2) unsigned</i>	NOT NULL	<i>0 = disabled 1 = enabled</i>	0	<i>Can web service delete recordings files / entries</i>
<b>pusher_host</b>	<i>varchar(100)</i>			NULL	<i>current pusher host name</i>