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IBM Marketing Operations System Schema

IBM

> **Note**
>
> Before using this information and the product it supports, read the information in "Notices" on page 129.

This edition applies to version 11, release 0, modification 1 of IBM Marketing Operations and to all subsequent releases and modifications until otherwise indicated in new editions.

Contents

Introduction to the IBM Marketing Operations system schema

This guide is a reference to the table and column structure, content, and semantics of the database system for Marketing Operations.

Marketing Operations documentation and help

Different people in your organization use IBM® Marketing Operations to accomplish different tasks. Information about Marketing Operations is available in a set of guides, each of which is intended for use by team members with specific objectives and skill sets.

The following table describes the information available in each guide.

Table 1. Guides in the Marketing Operations documentation set.

The following three-column table describes tasks in one column, guide names in the second column, and audience in the third column.

If you	See	Audience
• Plan and manage projects • Establish workflow tasks, milestones, and personnel • Track project expenses • Get reviews and approvals for content • Produce reports	*IBM Marketing Operations User's Guide*	• Project managers • Creative designers • Direct mail marketing managers
• Design templates, forms, attributes, and metrics • Customize the user interface • Define user access levels and security • Implement optional features • Configure and tune Marketing Operations	*IBM Marketing Operations Administrator's Guide*	• Project managers • IT administrators • Implementation consultants
• Create marketing campaigns • Plan offers • Implement integration between Marketing Operations and Campaign • Implement integration between Marketing Operations and IBM Digital Recommendations	*IBM Marketing Operations and IBM Integration Guide*	• Project managers • Marketing execution specialists • Direct marketing managers
• Learn about new system features • Research known issues and workarounds	*IBM Marketing Operations Release Notes*	Everyone who uses Marketing Operations

Table 1. Guides in the Marketing Operations documentation set (continued).

The following three-column table describes tasks in one column, guide names in the second column, and audience in the third column.

If you	See	Audience
• Install Marketing Operations • Configure Marketing Operations • Upgrade to a new version of Marketing Operations	*IBM Marketing Operations Installation Guide*	• Software implementation consultants • IT administrators • Database administrators
Create custom procedures to integrate Marketing Operations with other applications	*IBM Marketing Operations Integration Module* and the API JavaDocs available when you click **Help > Product Documentation** in Marketing Operations, and then download the IBM<*version*>PublicAPI.zip file for the SOAP API and IBM<*version*>PublicAPI-RestClient.zip for the REST API.	• IT administrators • Database administrators • Implementation consultants
Learn about the structure of the Marketing Operations database	*IBM Marketing Operations System Schema*	Database administrators
Need more information while you work	• Get help and search or browse the *Marketing Operations User's, Administrator's*, or *Marketing Operations Installation* guides: Click **Help > Help for this page** • Access all of the Marketing Operations guides: Click **Help > Product Documentation** • Access guides for all IBM Marketing Software products: Click **Help > All IBM Marketing Software Suite Documentation**	Everyone who uses Marketing Operations

System tables

The following tables describe the system tables..

uap_tt_templates

This table contains information about each template in IBM Marketing Operations.

Field	Type	Length	Null?	Description
template_id	INT32		false	The unique ID generated by the system for each template. This column is the foreign key to uap_tt_deny_reasons.
object_type	INT32			Marketing Operations object type. Possible values are the standard marketing object types and any custom marketing object types that are defined in the system.

Field	Type	Length	Null?	Description
state	INT32			The template state. The following are valid values. • 0 = Enabled • 1 = Disabled • 2 = Deleted
template_name	NVARCHAR	50	true	The internal, system-generated name of the template.
actual_display	NVARCHAR	50	true	The default name for the object instance that is created from this template.
display	NVARCHAR	192	true	The display name of this template. Version 8.6 increased the size of this field to 192.
folder_name	NVARCHAR	50	true	The name of the template folder that contains the template.
icon_id	INT32			The ID of the icon to use for this template. This column is the foreign key to uap_tt_icons.
folder_icon	NVARCHAR	300	true	This column is not currently in use.
description	NVARCHAR	1536	true	Template description. Version 8.6 increased the size of this field to 1536.
template_file	NVARCHAR	300	true	IBM Marketing Operations generates the value for this column.
pid_prefix	NVARCHAR	30	true	The prefix to use in external IDs for object instances that are created from this template.
pid_gen_class	NVARCHAR	100	true	The name of the Java class that is used to generate the algorithm for external IDs for object instances that are created from this template.
validation_class	NVARCHAR	100	true	Validation Java class name.
m_template_id	INT32		true	The ID of the metrics template that is used by this template. This column is the foreign key to uap_tt_m_templates.
use_campaign_code	INT32		true	
service_url	NVARCHAR	200	true	IBM Campaign web service URL.
data_map_file	NVARCHAR	300	true	This column is not in use currently.
metrics_map_file	NVARCHAR	300	true	IBM Campaign import metrics map file name.
partition_id	NVARCHAR	256	true	The partition of the IBM Campaign instance in which to create the campaigns for projects that are created from this template. Version 8.6 increased the size of this field.
camp_folder_id	NVARCHAR	50	true	

Field	Type	Length	Null?	Description
workflow_id	INT32		true	The ID of the workflow template that is used by this template. This column is the foreign key to uap_tt_workflows.
data_map_id	INT32		true	The ID of the data mapping file for projects that are created from this template. This column is used only for pre- 8.0 integration with Campaign. This column is the foreign key to uap_tt_data_map.
metric_map_id	INT32		true	
parent_folder_id	INT32		true	The ID of the parent template folder.
sec_policy_model	INT32		true	This column was This column was added in version 8.0.
campaign_template_type	INT32		true	The type of the IBM Campaign template. The following values are valid. • 0 = Not a template • 1 = project template that was created before version 8.0 • 2 = project template that was created in version 8.0 This column was added in version 8.0.
tcs_approval_required	INT32		true	This column indicates whether top-down TCS approval is enforced and correspondingly, whether the Is Approved column is part of the TCS tab of the templates instances. The following values are valid. • 0 = Approval not enforced • 1 = Approval enforced This column was added in version 8.2.0.
autoFillDownCmpDetails	INT32		true	This flag determines whether project attributes automatically copy into IBM Campaign on campaign project templates. This column was added in version 9.1.0.
health_rule_id	INT32		true	The health rule definition that is associated with the project template. This column is the foreign key to uap_proj_health_rule.health_rule_id. This column was added in version 9.0.0.
ooo_autoadd_setting	INT32		true	Defaults to 0. This column was added in version 8.6.0.
rule_xml	CLOB		true	The XML for the workflow template branching.

Field	Type	Length	Null?	Description
bpm_setting	INT32		true	Defaults to 0. This column was added in version 10.0.0.2.

uap_tt_map

This table stores information about each form in your system.

Field	Type	Length	Null?	Description
map_id	INT32		false	Unique identifier generated by the system for each form.
map_name	NVARCHAR	50	true	Name of the form.
table_name	NVARCHAR	256	true	Name of the database table that stores the answers users enter in the fields of this form.
key_column	NVARCHAR	256	true	Column that stores the primary key for the table specified in the table_name column.
key_type	NVARCHAR	50	true	Data type of the column specified in the key_column column.
state	NVARCHAR	50	true	State of the form. The following values are valid. • Published • Non-Published • Temporary This column was added in version 8.0.
root_element	NVARCHAR	100	true	The only valid value is Details.
description	NVARCHAR	1024	true	Description of form. This column was added in version 8.0.
user_id	INT32		true	ID of the user who created the form. This column is the foreign key to uap_user. This column was added in version 8.0.
copy_of	INT32		true	ID of the form that was copied to make this form. This column is the foreign key to uap_tt_map.map_id. This column was added in version 8.0.
form_type	INT32		true	Whether the form is a Target Cell Spreadsheet. This column was added in version 8.0.
rule_xml	CLOB		true	

uap_tt_tab

This table stores information about template tabs created by administrators.

Field	Type	Length	Null?	Description
template_id	INT32		false	ID of a template. This column is the foreign key to uap_tt_templates.
map_id	INT32		false	ID of a form. This column is the foreign key to uap_tt_map.
tab_order	INT32		true	The numerical position for this form in this template.
name	NVARCHAR	100	true	The internal, system-generated name of the tab.
display	NVARCHAR	100	true	Display name of the tab.
map_file	NVARCHAR	200	true	Name of the form.
page_style	NVARCHAR	20	true	This column determines whether the form displays as a separate tab or as part of the Summary tab. The following values are valid. • summary • tab
show_in_wizard	NVARCHAR	20	true	This column determines whether this tab displays in the wizard. The following values are valid. • Y = Yes, display • N = No
show_in_request	NVARCHAR	20	true	This column determines whether this tab displays in project requests. The following values are valid. • Y = Yes, display • N = No
validation_class	NVARCHAR	200	true	Grid tabs can have validation; if so, this is the validation class used to validate this grid tab.
rules_file_id	INT32			Unique ID for the rules file associated with this grid tab. Foreign key into uap_tt_rules table.
display_rule_id	INT32			The display rule specifies the conditions based on which the form is shown expanded to the users; if the rule is not satisfied the form is displayed as collapsed. This column is the foreign key into uap_tt_wf_rule table, rule_id.

uap_tt_att_folders

This table stores information about the folders created to contain template attachments.

Field	Type	Length	Null?	Description
folder_id	INT32		false	The unique identifier generated by the system for each template attachment folder.
template_id	INT32		true	ID for the template that contains this attachment folder. This column is the foreign key to uap_tt_templates.
parent_folder_id	INT32		true	ID of the parent folder or category. This column is the foreign key to uap_tt_att_folders.folder_id.
folder_name	NVARCHAR	255	true	System-generated name of the attachment folder.
folder_display	NVARCHAR	255	true	Name specified by the creator for the attachment folder.
display_order	INT32		true	Folder display order.

uap_tt_attachments

This table stores information about each template attachment.

Field	Type	Length	Null?	Description
attachment_id	INT32		false	The unique identifier generated by the system for each template attachment.
folder_id	INT32		true	ID of the folder that contains the attachment. This column is the foreign key to uap_tt_att_folders.
template_id	INT32		true	ID for the template that contains the attachment. This column is the foreign key to uap_tt_templates.
attachment_name	NVARCHAR	255	true	Name of the attachment.
attachment_mime	VARCHAR	255	true	MIME type of the attachment file.
attachment_ext	NVARCHAR	20	true	Attachment file extension. For example, .PDF or .DOC.
display_order	INT32		true	The order in which attachments display in the folder.

uap_tt_ext_tools

This table stores information about the custom links defined in the system.

Field	Type	Length	Null?	Description
ext_tool_id	INT32		false	Unique identifier generated by the system for each custom link.
ext_url	NVARCHAR	200	true	The URL of the custom link.
template_id	INT32		true	ID of the template that contains the custom link. This column is the foreign key to uap_tt_templates.

Field	Type	Length	Null?	Description
name	NVARCHAR	50	true	Name of the custom link. This column is used internally.
display	NVARCHAR	50	true	Display name of the custom link.
description	NVARCHAR	200	true	Description of the custom link.
show_in_rq	NVARCHAR	20	true	
display_order	INT32			The order in which custom links display.

uap_tt_tool_tab

This table contains information about the tabs on which a custom link is available in a template.

Field	Type	Length	Null?	Description
ext_tool_id	INT32		false	
map_id	INT32		false	ID of a form. This column is the foreign key to uap_tt_map.
template_id	INT32		false	ID of a template. This column is the foreign key to uap_tt_templates.

uap_tt_ext_param

This table stores the parameters defined for custom links.

Field	Type	Length	Null?	Description
ext_tool_id	INT32		false	ID for a custom link. This column is the foreign key to uap_tt_ext_tools.
param_name	NVARCHAR	200	false	Name of a parameter.
param_value	NVARCHAR	100	true	Value of the parameter.

uap_tt_workflows

This table stores information about workflow templates.

Field	Type	Length	Null?	Description
workflow_id	INT32		false	Unique ID generated by the system for each workflow template.
name	NVARCHAR	50	true	Workflow template name.
taskcode_prefix	NVARCHAR	100	true	Used to construct a task code. Task codes are used to uniquely identify tasks, for use with the API.

uap_tt_m_templates

This table stores information about the metrics templates in your system.

Field	Type	Length	Null?	Description
m_template_id	INT32		false	Unique ID generated by the system for each metric template.
name	NVARCHAR	50	true	Metric template ID name.
display_name	NVARCHAR	50	true	
description	NVARCHAR	300	true	Metric template description.

uap_tt_metrics

This table stores information about each metric in your system.

Field	Type	Length	Null?	Description
metric_id	NVARCHAR	50	false	Metric ID name.
display_name	NVARCHAR	100	true	Metric display name.
description	NVARCHAR	300	true	Metric description.

uap_tt_roles

This table stores associations between roles and templates.

Field	Type	Length	Null?	Description
template_id	INT32		false	ID of a template. This column is the foreign key to uap_tt_templates.
role_id	INT32		false	ID of a role. This column is the foreign key to uap_ml_role.
role_name	NVARCHAR	255	true	Name of the role.
flag_team_mem	VARCHAR	1	false	Whether this is a team member role.

uap_tt_data_map

This table stores information about the data mapping files in the system.

Field	Type	Length	Null?	Description
data_map_id	INT32		false	
name	NVARCHAR	50	true	
type	INT32		false	Type of the data map.

uap_tt_icons

This table stores information about icons.

Field	Type	Length	Null?	Description
icon_id	INT32		false	Unique ID generated by the system for each icon.

Field	Type	Length	Null?	Description
name	NVARCHAR	50	true	Icon display name.
extension	NVARCHAR	20	true	Icon extension.
listExtension	NVARCHAR	20	true	Icon list extension.

uap_tt_sec_policy

Field	Type	Length	Null?	Description
template_id	INT32		false	
sec_policy_id	INT32		false	

uap_tt_export_tab

This table defines, for each template in the system, the tab to be exported when the template is exported. This table was added in version 7.4.0.

Field	Type	Length	Null?	Description
template_id	INT32		false	ID for the template. This column is the foreign key to uap_tt_templates.
tab_name	NVARCHAR	100	false	Name of the tab.

uap_tt_use_policy

Field	Type	Length	Null?	Description
template_id	INT32		false	
sec_policy_id	INT32		false	

uap_tt_rules

This table stores the rules file; rules files are used to validate grid tabs.

Field	Type	Length	Null?	Description
rule_file_id	INT32		false	Unique ID generated by the system for each rules file.
rules_name	NVARCHAR	100	false	Name of the rules file.

uap_tt_folders

Field	Type	Length	Null?	Description
folder_id	INT32		false	
object_type	INT32			
folder_name	NVARCHAR	255	true	
folder_display	NVARCHAR	255	true	
folder_desc	NVARCHAR	1024	true	
parent_folder_id	INT32		true	
folder_status	VARCHAR	20	true	

Field	Type	Length	Null?	Description
parent_folder_path	NVARCHAR	1024	true	
sec_policy_id	INT32		true	
folder_type	VARCHAR	20	true	
folder_location	NVARCHAR	1024	true	

uap_tt_map_info

This table saves details about form attributes. This table was added in 8.0.

Field	Type	Length	Null?	Description
map_info_id	INT32		false	Unique identifier that is generated by the system for each row in the table.
map_id	INT32		false	ID of the form in which the attribute is used. This column is the foreign key from uap_tt_map table.
group_id	INT32		true	ID of the attribute group that contains the attribute. This column is the foreign key to uap_tt_map_info_group.map_info_group_id and uap_tt_tvc_info_group.tvc_info_group_id.
label	NVARCHAR	1024	true	Label of the attribute.
element_name	NVARCHAR	100	true	Internal name of the attribute.
element_type	NVARCHAR	50	true	User interface type of the attribute.
db_type	NVARCHAR	50	true	Datatype of the attribute.
db_column_name	NVARCHAR	256	true	Database column name of the attribute.
max_length	INT32		true	Maximum length of the attribute value.
lkup_table	NVARCHAR	256	true	Name of the database table that supplies values from which users can select for this attribute.
lkup_id_column	NVARCHAR	256	true	Name of the key column in the lookup table for this attribute.
lkup_desc_column	NVARCHAR	256	true	Name of the column in the lookup table that stores the values to display to the users.
lkup_sort_column	NVARCHAR	256	true	Name of the column in the lookup table to use to sort the entries that display to the users.
lkup_sort_colDBType	NVARCHAR	50	true	Datatype of the sort column in the lookup table. IBM IBM Marketing Operations retrieves this information from the database.

Field	Type	Length	Null?	Description
lkup_sort_ascending	NVARCHAR	50	true	Sort order for the lookup table. The following values are valid. • 0 = Descending • 1 = Ascending
formula	NVARCHAR	1024	true	The formula that to calculate the attribute value. This column applies only to calculated attributes.
url_db_column_name	NVARCHAR	256	true	This column was added in 8.1 to support the url field in forms.
help_tip	NVARCHAR	1024	true	Help text for the attribute.
element_message	NVARCHAR	1024	true	The warning message to display when the user forgets to fill a requiews field.
default_value	CLOB		true	Default value for the attribute.
description	NVARCHAR	1536	true	Description of the attribute.
default_date_value	INT64		true	Stores the default date value that is supplied for a Date Select attribute in a form definition. This value is stored as a long millisecond value.
is_required	NVARCHAR	1	true	This column determines whether the attribute is required. Possible values are Y and N. • Y = Yes, required • N = No
is_read_only	NVARCHAR	1	true	This column determines whether the attribute is read-only. Possible values are Y and N. • Y = Yes, read-only • N = No
element_precision	INT32		true	Number of digits in the decimal part of the number.
is_dependent	NVARCHAR	1	true	This column determines whether the attribute is dependent. This column applies only to single-select - database and multi-select - database attributes. Possible values are Y and N. • Y = Yes, dependent • N = No
tab_order	INT32		true	Order in which the attribute appears on the form.
paramType	INT32		true	This column is no longer in use.
modifFlag	NVARCHAR	65	true	Type of update to perform when a form is republished. The following values are valid. • 0 = Used in form • -3 = Created as local attribute but not placed on form

Field	Type	Length	Null?	Description
attribute_type	INT32		true	The following values are valid. • 0 = Local form attribute • 1 = Local grid attribute • 2 = Global form attribute • 3 = Global grid attribute • 4 = Global campaign attribute • 5 = Global cell attribute • 6 = TCS default attribute • 7 = TCS read-only attribute • 8 = Offer standard attribute • 9 = Offer custom attribute
attribute_behavior	INT32		true	Defaults to 0. This column was dded in version 8.6.0.
is_enabled	INT32		true	Whether a global attribute is enabled. The following values are valid. • 0 = Disabled • 1 = Enabled

uap_tt_mo_map_info

This table stores additional properties of single-select object reference attributes, multi-select object reference attributes, and object attribute field reference attributes. This table was added in version 8.0.

Field	Type	Length	Null?	Description
mo_map_info_id	INT32		false	Unique identifier generated by the system for this row.
map_id	INT32		false	Unique identifier for the form that contains the attribute. This column is the foreign key to uap_tt_map.
map_info_id	INT32		false	Unique identifier for the attribute. This column is the foreign key to uap_tt_map_info.
mo_type	VARCHAR	50	true	Type of marketing object to display to users.
template_name	NVARCHAR	100	true	Name of the marketing object template to use to create or filter marketing objects associated with this attribute.
reference_attribute	NVARCHAR	200	true	Internal name of the attribute that references the marketing object.
attribute_name	NVARCHAR	200	true	Name of the marketing object attribute referenced by this attribute.

Field	Type	Length	Null?	Description
is_auto_create	NVARCHAR	1	true	Whether to create an empty marketing object when users create an object by using a template that contains this attribute. The following values are valid. • Y = Yes • N = No
is_modifies	NVARCHAR	1	true	Whether the form updates the marketing object. The following values are valid. • Y = Yes, modifies • N = No
onClickGoTo	INT32		true	Tab to display when user clicks on the object link in the form. The following values are valid. • 0 = N/A (Used in form attributes) • 1 = Summary tab • 2 = Analysis tab

uap_tt_tvc

This table stores information about each grid. This table was added in version 8.0.

Field	Type	Length	Null?	Description
tvc_id	INT32		false	Unique identifier generated by the system for each grid.
map_id	INT32		false	Unique identifier for the form that contains the grid. This column is the foreign key to uap_tt_map.
map_info_group_id	INT32		true	Unique identifier for the attribute group that contains the grid. This column is the foreign key to uap_tt_map_info_group.
element_name	NVARCHAR	100	true	Internal name of the grid.
label	NVARCHAR	1024	true	Display name of the grid.
tablename	NVARCHAR	256	true	Name of the database table for the grid.
key_column	NVARCHAR	256	true	Key column of the database table for the grid.
key_type	NVARCHAR	50	true	Data type of the key column.
viewtype	INT32		true	The type of grid. The following values are valid. • 0 = Line wrap view • 1 = Line truncate view • 2 = Two line staggered view • 3 = Editable grid view
pagesize	INT32		true	Number of rows per page on the grid user interface.

Field	Type	Length	Null?	Description
tab_order	INT32		true	Tab order of the grid.
parent_filter_column_name	NVARCHAR	256	true	Name of the column that contains the value on which to filter.
showExportLink	NVARCHAR	1	true	Indicates whether to show the Export link. The following values are valid. • Y = Yes, show • N = No
showGroupByLink	NVARCHAR	1	true	Indicates whether to show the Group by link. The following values are valid. • Y = Yes, show • N = No
showViewLink	NVARCHAR	1	true	Indicates whether to show the View link. The following values are valid. • Y = Yes, show • N = No
defaultSortColumn	NVARCHAR	256	true	Name of the default sort column for the grid.
dataposturl	NVARCHAR	1024	true	URL to which to post the data.
is_tcs	INT32		true	Whether or not the grid is a TCS. The following values are valid. • 0 = Not a TCS grid • 1 = TCS grid

uap_tt_tvc_map_info

This table stores additional information about attributes used in grids. This table was added in version 8.0.

Field	Type	Length	Null?	Description
tvc_map_info_id	INT32		false	Unique identifier generated by the system for each row in the table.
map_id	INT32		false	Unique identifier for the form that contains the grid attribute. This column is the foreign key from uap_tt_map.
tvc_id	INT32		false	Unique identifier for the grid that contains the attribute. This column is the foreign key from uap_tt_tvc.
map_info_id	INT32		false	Unique identifier for the attribute. This column is the foreign key from uap_tt_map_info.
alignment	INT32		true	Alignment for the attribute. The following values are valid. • left • right • center

Field	Type	Length	Null?	Description
sortType	INT32		true	How the attribute values are sorted. The following values are valid. • ascending • descending
is_sortable	NVARCHAR	1	true	Whether or not the attribute is sortable. The following values are valid. • Y = Yes, sortable • N = No
can_group_by	NVARCHAR	1	true	Whether or not the grid can be grouped by this attribute. The following values are valid. • Y = Yes, the grid can group by this attribute. • N = No
cacheLookupValues	NVARCHAR	1	true	Indicates whether or not to cache the lookup values for this attribute. The following values are valid. • Y = Yes, cache values • N = No
objectType	INT32		true	This column is not used currently.
templateName	NVARCHAR	100	true	Name of the marketing object template associated with this attribute.
marketingObjectType	NVARCHAR	100	true	Object type of the marketing objects associated with this attribute.
formatingClass	NVARCHAR	1024	true	
onClickGoTo	INT32		true	The tab of the referenced marketing object that opens when users click the object link created by this attribute.
attributeName	NVARCHAR	100	true	Name of the marketing object attribute this grid attribute references.
objectIdColumnName	NVARCHAR	256	true	Name of the object instance ID column for the marketing object this attribute references.
objectTypeColumnName	NVARCHAR	256	true	Name of the object type column for the marketing object this attribute references.
gridColumnName	NVARCHAR	256	true	Marketing object form grid column name.
summary_function	INT32		true	Added to support the summary function in grids in version 8.1.0.

uap_tt_map_info_group

This table stores information about attribute groups. This table was added in version 8.0.

Field	Type	Length	Null?	Description
map_info_group_id	INT32		false	Unique identifier generated by the system for each attribute group.
map_id	INT32		false	ID of the form that contains the attribute group. This column is the foreign key from uap_tt_map.
element_name	NVARCHAR	100	true	Internal name of the group.
tab_order	INT32			Order in which the group appears on the form.
header	NVARCHAR	200	true	Display name of the group.
description	NVARCHAR	1024	true	Description of the group.
column_span	INT32			Indicates whether the group has a one-column layout or a two-column layout. This column only applies to form attributes. The following values are valid. • 1 = One-column • 2 = Two-column
show_group	NVARCHAR	20	true	Indicates whether to show or hide the group heading on the form. The following values are valid. • 0 = Hide • 1 = Show

uap_tt_tvc_info_group

This table stores information about attribute groups placed on grids. This table was added in version 8.0.

Field	Type	Length	Null?	Description
tvc_info_group_id	INT32		false	Unique identifier generated by the system for each row in the table.
map_id	INT32		false	Unique identifier for the form that contains the grid that contains the attribute group. This column is the foreign key to uap_tt_map.
tvc_id	INT32		false	Unique identifier for the grid that contains the attribute group. This column is the foreign key to uap_tt_tvc.
element_name	NVARCHAR	100	true	Internal name of the attribute group.
tab_order	INT32			Tab order of the group.
header	NVARCHAR	200	true	Display name of the group.
description	NVARCHAR	1024	true	Description of the group.
show_group	NVARCHAR	20	true	Indicates whether to show or hide the group name. The following values are valid: • 0 = Hide • 1 = Show

uap_tt_map_info_option

This table stores the possible values for single-select attributes. This table was added in version 8.0.

Field	Type	Length	Null?	Description
map_info_option_id	INT32		false	Unique identifier generated by the system for each row in the table.
map_id	INT32		false	ID of the form that contains the single-select attribute. This column is theoreign key to uap_tt_map.
map_info_id	INT32		false	Unique identifier for the single-select attribute. This column is theoreign key to uap_tt_map_info.
option_value	NVARCHAR	1024	true	Option value. The size of this column increased in version 8.6.0.
option_display	NVARCHAR	1024	true	Option display. The size of this column increased in version 8.6.0.
option_order	INT32		false	Location in which this option appears in the list of options.

uap_tt_map_info_dependent

This table stores information about dependent fields. This table was added in version 8.0.

Field	Type	Length	Null?	Description
map_info_dependent_id	INT32		false	Unique identifier generated by the system for each row in the table.
map_id	INT32		false	Unique identifier for the form that contains the attribute. This column is the foreign key to uap_tt_map.
map_info_id	INT32		false	Unique identifier for the attribute. This column is the foreign key to uap_tt_map_info.
map_info_dependent	NVARCHAR	50	true	Internal name of the child attribute.

uap_tt_ms_link

This table stores information about the junction tables used by multi-select database attributes. This table was added in version 8.0.

Field	Type	Length	Null?	Description
ms_link_id	INT32		false	Unique identifier generated by the system for each row in the table.
map_id	INT32		false	ID of the form that contains the multi-select database attribute. This column is the foreign key to uap_tt_map.

Field	Type	Length	Null?	Description
map_info_id	INT32		false	ID of the multi-select database attribute. This column is the foreign key to uap_tt_map_info.
table_name	NVARCHAR	256	true	Name of the junction table.
key_column	NVARCHAR	256	true	Key column name.
key_type	NVARCHAR	50	true	Data type for the key column. IBM Marketing Operations retrieves the data type from the database.
link_key_column	NVARCHAR	256	true	Link database key column.
link_key_type	NVARCHAR	50	true	Data type for ms link key column. IBM Marketing Operations retrieves the data type from the database.
root_element	NVARCHAR	100	true	Name of the multi-select attribute.

uap_tt_localized_text

This table stores display values for all form elements, for example, form groups, grids, and attributes, for all supported locales. This table was added in version 8.0.0.

Field	Type	Length	Null?	Description
text_id	INT32		false	Unique identifier that is generated by the system for each row in the table.
text_key	VARCHAR	300	false	Internationalization text key.
locale	VARCHAR	10	false	A supported locale. The following values are valid. Version 8.5 and 9.0 added languages. • de_DE • en_GB • en_US • es_ES • fr_FR • it_IT • ja_JP • ko_KR • pt_BR • ru_RU • zh_CN
localized_text	NVARCHAR	1536	true	Display text for this locale.

uap_tt_map_text

This table associates localized display text for form elements with specific forms. This table was added in version 8.0.

Field	Type	Length	Null?	Description
map_id	INT32		false	ID of a form. This column is the foreign key to uap_tt_map.
text_id	INT32		false	ID of an item of localized text used on the form. This column is the foreign key to uap_tt_localized_text.

uap_tt_std_attr_behavior

This table stores the mapping of the behavior of the attribute with the template. Attributes can be standard, required, or hidden. This table was added in version 9.1.0.

Field	Type	Length	Null?	Description
element_name	NVARCHAR	50	false	The internal name of the attribute.
template_id	NVARCHAR	50	false	The reference of template id from uap_tt_templates.
behavior	INT32		true	The behavior of the attribute: standard, required, or hidden.

uap_dual

Field	Type	Length	Null?	Description
dummy	VARCHAR	1	true	

umcm_folder_users

Field	Type	Length	Null?	Description
folder_id	INT32		false	
mem_type_id	INT32		false	
user_id	INT32		false	

umcm_item_files

Field	Type	Length	Null?	Description
item_id	INT32		false	
item_version_seq	INT32		false	
file_id	INT32		false	

umcm_content_file

Field	Type	Length	Null?	Description
file_id	INT32		false	
file_type	INT32		true	
created_datetime	DATETIME		true	
mime_type	VARCHAR	255	true	
file_name	NVARCHAR	255	true	

Field	Type	Length	Null?	Description
file_size	VARCHAR	20	true	

umcm_item_hist

Field	Type	Length	Null?	Description
item_id	INT32		false	
seq_no	INT32		false	
item_version_seq	INT32		true	
prev_status	VARCHAR	20	true	
curr_status	VARCHAR	20	true	
comments	NVARCHAR	1024	true	
last_mod_date	DATETIME		true	
user_id	INT32		true	

uap_event_cat_enum

This table contains details about event categories.

Field	Type	Length	Null?	Description
cat_value	INT32		false	
cat_name	VARCHAR	50	true	
cat_desc	NVARCHAR	100	true	

uap_object_enum

Field	Type	Length	Null?	Description
obj_value	INT32		false	
obj_name	VARCHAR	50	true	
obj_desc	NVARCHAR	100	true	

uap_mem_notify

Field	Type	Length	Null?	Description
mem_type_id	INT32		false	
delivery_mask	INT32		true	
event_type	INT32		false	

uap_notify_msg

Field	Type	Length	Null?	Description
event_type	INT32		false	Type of the event.
object_type	INT32		true	Object type of the event.
category_type	INT32		true	Category of the event.
description	NVARCHAR	200	true	Message description.

Field	Type	Length	Null?	Description
display_order	INT32		true	Display order of event.
is_exclusive	INT32		true	Indicates whether this event support personalization. This column was added in version 7.5.

uap_appr_notify

Field	Type	Length	Null?	Description
event_type	INT32		false	
user_id	INT32		false	
delivery_mask	INT32		true	
approval_id	INT32		false	ID of an approval item. This column is the foreign key to uap_approvals.

uap_appr_msgboard

Field	Type	Length	Null?	Description
approval_id	INT32		false	ID of an approval item. This column is the foreign key to uap_approvals.
msg_id	INT32		false	Unique ID generated by the system for each message on the approval message board.
post_datetime	DATETIME		false	Date the message was posted on the approval message board.
user_id	INT32		false	Unique ID of the user who posted the message. This column is the foreign key to uap_user.
msg_text	NVARCHAR	1024	true	Text of the message.
recipients	NVARCHAR	512	true	List of recipients if the message is emailed.

uap_appr_users

This table contains information about the users who are participating in an approval process.

Field	Type	Length	Null?	Description
approval_id	INT32		false	Unique ID generated by the system for each approval item that is created by a user. This column is the foreign key to uap_approvals.approval_id.
user_id	INT32		false	User ID of the user. This column is the foreign key to uap_users.user_id.

Field	Type	Length	Null?	Description
mem_type_id	INT32		false	Member type ID of the user in this approval process. This column is the foreign key to uap_member_type.mem_type_id.

uap_approval_hist

This table contains data that tracks the history of approval events and actions.

Field	Type	Length	Null?	Description
approval_id	INT32		false	Unique ID generated by the system for each approval item that is created by a user. This column is the foreign key to uap_approvals.approval_id.
seq_no	INT32		false	Sequence (order) of the historical event.
cur_state	VARCHAR	20	true	Current state of the approval process after the user completes the action/event. The following values are valid. • WAITING • APPROVED • APPR_WITH_CHANGES • DENIED
comments	CLOB		true	Comments that the user made at the time of the action or event.
prev_state	VARCHAR	20	true	Previous state of the approval process before the user initiated the action or event.The following values are valid. • WAITING • APPROVED • APPR_WITH_CHANGES • DENIED
last_mod_date	DATETIME		true	Time that the modification to the approval occurred.
user_id	INT32		true	User ID of the user who initiated the action/event to the approval. This column is the foreign key to uap_users.user_id.
on_behalf_user_id	INT32		true	This column was added in version 7.4.0.

Field	Type	Length	Null?	Description
appr_item_seq	INT32		true	appr_item_seq: From uap_appr_items. This column stores the approval item id. It is only updated when an approver responds to an individual item. The comment is stored as: "Approval Item approved / denied / approved w/ changes". If the row represents the approval item response, then cur_state and prev_state represents the state of the approval item and not of the overall approval. comment_file_id: Points to the comment attachments file for the item that is referred to by appr_item_seq. This column is populated only when an approver attaches a comments file in response to the approval item.This column is the primary key from uap_appr_items.
appr_item_resp_id	INT32		true	Points to the item response row for the item that is referred to by appr_item_seq. This column is the foreign key from uap_appr_item_response. The row in the history table points to the original item response tables row.
round_no	INT32		true	When approval is added and started the first time, the round number is 1 and the resubmit count is 0. Each time the approval is resubmitted, the round number increments and the next round of approval starts. The round_no = theresubmit count + 1. In this case, 1 is added to consider first round of approval.
detailed_history	CLOB		true	This column is updated when there is any change in the reviewer steps. This column is introduced as Clob so that detailed history can be stored in this column later on.
deny_reason_id	INT32		true	Identifies the deny reason that is selected when a user denies an approval. This column is the foreign key to uap_appr_deny_reasons. deny_reason_id. This column was added in version 9.0.

uap_group_users

Field	Type	Length	Null?	Description
group_id	INT32		false	
user_id	INT32		false	

uap_groups

Field	Type	Length	Null?	Description
group_id	INT32		false	
group_name	NVARCHAR	50	true	
group_desc	NVARCHAR	255	true	
asm_group_id	INT32		true	
parent_group	INT32		true	

umcm_item_users

Field	Type	Length	Null?	Description
item_id	INT32		false	
item_version_seq	INT32		false	
user_id	INT32		false	This column is the foreign key to uap_users.user_id
mem_type_id	INT32		false	

umcm_item_usage

Field	Type	Length	Null?	Description
item_id	INT32		false	
item_version_seq	INT32		false	
affinium_system	NVARCHAR	100	true	
est_usage_qty	INT32		true	

umcm_item_content

Field	Type	Length	Null?	Description
item_id	INT32		false	
item_version_seq	INT32		false	
version_label	NVARCHAR	50	true	
item_keywords	NVARCHAR	1024	true	The string length was changed from 255 characters to 1024 characters in version 9.0.0.
version_comments	NVARCHAR	1024	true	
last_mod_user_id	INT32		true	
last_mod_datetime	DATETIME		true	
item_published	VARCHAR	1	true	
expiration_date	DATETIME		true	
version_name	NVARCHAR	255	true	
version_status	VARCHAR	20	true	
item_instructions	NVARCHAR	1024	true	

Field	Type	Length	Null?	Description
created_user_id	INT32		true	
create_datetime	DATETIME		true	
item_desc	NVARCHAR	1024	true	

umcm_items

Field	Type	Length	Null?	Description
item_id	INT32		false	
folder_id	INT32		true	
item_name	NVARCHAR	256	true	The size of this column increased to 256 in version 7.4.0.
item_versions	INT32		true	
last_mod_datetime	DATETIME		true	
parent_folder_path	NVARCHAR	1024	true	
item_cr_datetime	DATETIME		true	
item_code	NVARCHAR	20	true	
asset_legacy_ind	INT32		false	This column was added in version 8.1.0 to support identification of legacy and current assets.

umcm_folders

Field	Type	Length	Null?	Description
folder_id	INT32		false	
folder_name	NVARCHAR	255	true	
folder_display	NVARCHAR	255	true	
folder_desc	NVARCHAR	1024	true	
parent_folder_id	INT32		true	
folder_status	NVARCHAR	20	true	
parent_folder_path	NVARCHAR	1024	true	
sec_policy_id	INT32		true	
folder_type	VARCHAR	20	true	
folder_location	NVARCHAR	1024	true	

uap_user_roles

This table maps a user to a security role in a security policy. A user has a row in this table for each security policy in which that user participates.

Field	Type	Length	Null?	Description
role_id	INT32		false	This column is the foreign key into uap_roles.role_id.
sec_policy_id	INT32		false	This column is the foreign key into uap_sec_policy.sec_policy_id.

Field	Type	Length	Null?	Description
user_id	INT32		false	This column is the foreign key into uap_user.user_id.

uap_role_fn_map

Field	Type	Length	Null?	Description
role_id	INT32		false	
function_id	INT32		false	
extd_perm	VARCHAR	1	true	

uap_role_user_vis

This table supports limited resource selection. It stores user visibilities for security roles defined in IBM Marketing Operations administration. This table was added in version 7.4.1.

Field	Type	Length	Null?	Description
role_id	INT32		false	
group_id	INT32		false	
team_id	INT32		false	

uap_roles

Field	Type	Length	Null?	Description
role_id	INT32		false	
role_name	NVARCHAR	50	true	The name of the role.
role_desc	NVARCHAR	255	true	The text description of the role.
sec_policy_id	INT32		true	This column is the foreign key into uap_sec_policy.sec_policy_id.

uap_mem_fn_map

Field	Type	Length	Null?	Description
mem_type_id	INT32		false	
function_id	INT32		false	
sec_policy_id	INT32		false	

uap_sec_policy

Field	Type	Length	Null?	Description
sec_policy_id	INT32		false	Unique identifier for the security policy.
name	NVARCHAR	50	true	Name for the security policy as it appears in IBM Marketing Operations

Field	Type	Length	Null?	Description
description	NVARCHAR	255	true	Text description for the security policy.
policy_type	VARCHAR	20	true	Security policy type. The following values are valid. • S = Global policy • C = all other policies
status_code	VARCHAR	20	true	Status of the policy. The following values are valid. • ACTIVE • DISABLED

uap_function

This table contains entries for all the functions in the system; each function can be granted, denied, or inherited for a particular security policy. This table was added in version 7.3.

Field	Type	Length	Null?	Description
function_id	INT32		false	Unique identifier for the function.
name	VARCHAR	50	true	Internal name of the function.
description	NVARCHAR	150	true	Display name for the function.
object_fn_cat	VARCHAR	50	true	Category of the function. The following values are valid. • ACCESSIBLE_OPTION • ANALYSIS • ATTACHMENT • BUDGET • FOLDERS • GENERAL • PEOPLE • SUMMARY • TRACKING • WORKFLOW
object_type	VARCHAR	50	true	Type of object (for example, project) that uses this function.
display_order	INT32		true	The order in which to display this function on screen when setting permissions.

uap_approver_list

This table stores the lists of approvers (reviewers) of an approval process and information about their instructions and responsibilities.

Field	Type	Length	Null?	Description
approval_id	INT32		false	Unique ID generated by the system for each approval item that is created by a user. This column is the foreign key to uap_approvals.approval_id.
approver_seq	INT32		false	Sequence of the approval (identifier).
status_code	VARCHAR	20	true	Identifies the overall approval status. For example, if an approver completes the response by clicking Post Complete Response, the status of the approval is updated here.
appr_order	INT32		true	Display order of users.
user_id	INT32		true	User ID of the user. This column is the foreign key to uap_users.user_id.
required	VARCHAR	1	true	Whether the approver is required. The following values are valid. • Y = Yes, required • N = No
instructions	NVARCHAR	1024	true	Instructions to an approver.
resp_date	DATETIME		true	The date on which the complete response is posted.
team_id	INT32		true	Team ID: value of -1 indicates that the approver for this item is not a team. This column was added in version 7.4.0.
assignment_type	INT32		true	
rule_id	INT32		true	This column was added in version 7.5. It points to the rule if assignment type is rule driven. This column is used only for workflow approval tasks. For old approvals, this column is blank (null). This column is the primary key from uap_tt_wf_rule.rule_id.
duration	VARCHAR	20	true	Duration for each review step is stored in this column. For old approvals, the upgrade is done by planUpgrade.jsp as follows. First, the system counts the number of days between the target due date and the creation or start date. If the approval method is simultaneous, the duration equals the number of days. If the approval method is sequential, then the duration is the number of days divided by the number of approvers. This column was added in version 7.5.

Field	Type	Length	Null?	Description
role_id	INT32		true	This column stores the reviewer role that is specified in review step. This column is used only for workflow approval tasks. This column is the primary key from uap_roles.role_id. Earlier roles were stored in uap_appr_usr_role and uap_appr_team_role tables. During the upgrade to version 7.5 (planUpgrade.jsp), these values were copied into this new column.Note that uap_appr_usr_role continues to store owner roles. It does not store reviewer roles from 7.5 onwards. Only reviewer roles are migrated to role_id.
deny_reason_id	INT32		true	Identifies the deny reason that is selected when a user denies an approval. This column is the foreign key to uap_appr_deny_reasons. deny_reason_id. This column was added in version 9.0.

uap_appr_item_hist

Field	Type	Length	Null?	Description
appr_item_seq	INT32		false	
curr_item_seq	INT32		false	
comments	NVARCHAR	1024	true	
approval_id	INT32		false	
user_id	INT32		true	

uap_appr_items

This table contains information for individual approval items in an approval process.

Field	Type	Length	Null?	Description
appr_item_seq	INT32		false	Sequence of the item (identifier).
create_date	DATETIME		true	Date that the item was created.
notes	NVARCHAR	1024	true	Notes about the item.
item_status	VARCHAR	20	true	Status of the item under review, specifically whether or not it is archived. Valid values are ARCHIVED or null.
user_id	INT32		true	User who added the item to the approval process. This column is the foreign key to uap_users.

Field	Type	Length	Null?	Description
orig_file_name	NVARCHAR	390	true	Original file name of the uploaded file. The size of this column changed to 256 in version 7.4.0. The size changed to 390 in version 9.1.0.
approval_id	INT32		false	ID of an approval item. This column is the foreign key to uap_approvals.
markup_file_name	NVARCHAR	256	true	Markup file name.
orig_file_size	VARCHAR	10	true	Size of the original file.
orig_file_mime	VARCHAR	255	true	MIME type of the original file. The size increased in version 8.6.0.
last_mod_date	DATETIME		true	Date the item was last modified.
enable	INT32		true	
linked_item_id	INT32		true	The ID of the line item to which the approval item belongs. This column was added in version 8.5.0.
object_id	INT32		true	For marketing objects, the ID of the object. Value is -1 for other objects. This column is the foreign key to uap_mktgobject.mktg_object_id. This column was added in version 7.3.0.
map_name	NVARCHAR	50	true	
object_type_id	INT32		true	For marketing objects, the ID of the marketing object type. Value is -1 for other objects. This column is the foreign key into uap_comp_type.comp_type_id. This column was added in version 7.3.0.

uap_approvals

The uap_approvals table is the main table for storing information about the approval processes that are created by users.

Field	Type	Length	Null?	Description
approval_id	INT32		false	Unique ID generated by the system for each approval item that is created by a user.
name	NVARCHAR	256	true	Name of the approval process. The size of the column changed to 256 in version 7.4.0.
description	NVARCHAR	1024	true	Description of the approval.
submit_date	DATETIME		true	The date the approval was submitted.
created_by	INT32		true	User ID of the user who created this approval.

Field	Type	Length	Null?	Description
state_code	VARCHAR	20	true	State of the approval. The following values are valid. • NOT_STARTED • IN_PROGRESS • ON_HOLD • COMPLETED • CANCELLED
create_date	DATETIME		true	Date that the approval was created.
src_object_id	INT32		true	Project ID of the project that the approval was created in.
approval_date	DATETIME		true	Approved date.
src_wf_step	INT32		true	Workflow integer (ID) of the approval that the approval was linked to.
sec_policy_id	INT32		true	Security policy ID of the security policy for this approval.
status_code	VARCHAR	20	true	Status of the approval. The following values are valid. • PENDING • ACTIVE • FINISHED • SKIPPED
last_mod_date	DATETIME		true	Last modified date.
completed_date	DATETIME		true	Approval completed date.
src_object	VARCHAR	20	true	Source object type. Value: PROJECT.
method	INT32		true	Method of the approval. • 0 = Simultaneous, all approvers approve at the same time • 1 = Sequential, approvers approve in sequence
resubmit_count	INT32		true	the number of times this approval has been resubmitted.
disposition_all_docs	VARCHAR	2	true	• Y = The approval owner requires all documents to be dispositioned by the reviewer before the review can be marked complete. • N = Dispositioning a single document is permitted. This column was added in version 7.5.
auto_complete	VARCHAR	2	true	• Y = Auto-completion is allowed • N = Auto-completion not allowed

Field	Type	Length	Null?	Description
reapproval_rule	INT32		true	The following values are valid. • 101 = If the approval is rejected and then resubmitted, the approval is processed by all approvers. • 102 = If the approval is rejected and then resubmitted, start the approval process with the person who rejected it. • 103 = If the approval is edited or resubmitted, the approval owner selects the approvers who must reapprove. For stand-alone approvals, this value is 103 by default. Note that although 103 is stored for stand-alone approvals, in the user interface for resubmit all approvers display and the owner can select or clear the approvers. This column is set to 103 for all older (pre- 7.3) approvals.This column was added in version 7.3.
enable_commts_attchmnt	VARCHAR	2	true	Indicates whether the approvers can add attachments when they respond to the approval. This column is set to Y for stand-alone approvals by default. This column is set to N for approvals made in versions before 7.5.This column was added in version 7.5.The following values are valid. • Y = Yes, enable markup • N = No
enable_markup	VARCHAR	2	true	For workflow approvals, this column stores the value of the enable markup flag that is defined by the project workflow settings for approvals. For stand-alone approvals, this column stores Y or N based on the system-wide enable markup setting.This column was added in version 7.5. For approvals made in versions before 7.5, this column contains the system-wide enable markup setting made by planUpgrade.jsp. The following values are valid. • Y = Yes, enable markup • N = No
add_rem_approvers	VARCHAR	2	true	
approval_start_date	DATETIME		true	
approval_task_viewed	VARCHAR	2	true	

Field	Type	Length	Null?	Description
approval_type	INT32		true	This column identifies budget and non-budget approvals. The following are valid values. • 1 = non-budget approvals • 2 = budget approvals This column was added in version 8.5.0.
approve_with_changes	VARCHAR	1	true	Default value is 1. This column was added in version 10.0.0.2.

uap_appr_item_response

This table stores the current response status of each item in an approval from each approver. This table was added in version 7.5.

Field	Type	Length	Null?	Description
appr_item_resp_id	INT32		false	Approval item response.
approval_id	INT32		false	Parent approval. This column is the primary key from uap_approval.
approval_item_seq	INT32		false	Approval item. This column is the primary key from uap_appr_items. appr_item_seq.
user_id	INT32		false	Approver user ID. This column is the primary key from uap_user.user_id.
status_code	NVARCHAR	20	true	Response status for current approval item. The following values are valid. • null or blank • approve • approve with changes • deny
resp_comments	NVARCHAR	1024	true	Stores the comments or feedback that is provided by an approver in response to the approval item.
resp_date	DATETIME		true	Response date.
deny_reason_id	INT32		true	Identifies the deny reason that is selected when a user denies an approval. This column is the foreign key to uap_appr_deny_reasons. deny_reason_id. This column was added in version 9.0.

uap_appr_commt_attchment

This new master table for comment attachment files was added in version 7.5.

Field	Type	Length	Null?	Description
approval_id	INT32		false	Approval in response to whom this comment attachment was added. This column is the primary key from uap_approvals.approval_id.
seq_no	INT32		true	Sequence number of the comment.
appr_item_resp_id	INT32		true	Approval item response id. This column is the primary key from uap_appr_item_response. appr_item_resp_id.
approval_item_seq	INT32		true	Approval item in response to whom this comment attachment was added. This column is the primary key from uap_appr_items.
comment_file_id	INT32		false	Comment file ID.
user_id	INT32		false	Approver user ID who uploaded this comment file. This column is the primary key from uap_user.user_id.
create_date	DATETIME		false	Date of creation.
orig_file_name	NVARCHAR	1024	false	Original file name.
orig_file_size	INT32		true	Attachment file size.
orig_file_mime	VARCHAR	255	true	Attachment file mime type. The size was increased in version 8.6.0.

uap_user_list

Field	Type	Length	Null?	Description
column_type	VARCHAR	20	false	Possible values are list or calendar.
seq_no	INT32		false	List column sequence number.
column_id	VARCHAR	255	true	List column database column ID/name.
flag_ext_col	VARCHAR	1	true	The following values are valid. • Y = if this column is extended/custom database table column. • N = if this column is a standard/predefined column
ufolder_id	INT32		false	Unique ID generated by the system for each folder that is personalized by a user.
tab_order	INT32		true	List column display order.

uap_genids

Field	Type	Length	Null?	Description
entity_name	NVARCHAR	50	false	
entity_key	NVARCHAR	50	false	
key_value	INT32		true	

uap_email_alerts

Field	Type	Length	Null?	Description
notify_id	INT32		false	
user_id	INT32		false	
resend_count	INT32		false	
resend_datetime	DATETIME		true	
resend_status	INT32		false	
source_type	INT32		false	
source_id	INT32		false	
message	NVARCHAR	1024	true	

uap_ws_alerts

Field	Type	Length	Null?	Description
notify_id	INT32		false	
user_id	INT32		false	
post_datetime	DATETIME		true	
status	INT32		true	
source_type	INT32		true	
source_id	INT32		true	
message	NVARCHAR	1024	true	

uap_proj_notify

Field	Type	Length	Null?	Description
event_type	INT32		false	
project_id	INT32		false	Unique ID generated by the system for each project and project request. This column is the foreign key to uap_projects.
user_id	INT32		false	
delivery_mask	INT32		false	

uap_user_folders

Field	Type	Length	Null?	Description
user_id	INT32		false	Folder user ID. This column is the foreign key to uap_user.user_id.

Field	Type	Length	Null?	Description
ufolder_id	INT32		false	Unique ID generated by the system for each folder that is personalized by a user.
folder_type	VARCHAR	50	true	Folder type. The following values are valid. • PROJECT • PROGRAM • PLAN
name	NVARCHAR	100	true	Folder name.
description	NVARCHAR	255	true	Folder description.
parent_folder	INT32		true	Parent system folder ID. This value refers to the ufolder_id of another row within this table.
sys_folder_id	INT32		true	System folder ID. The following values are valid. • -1 = User saved search • 1 = All Projects and Requests • 2 = All Active Projects and Requests • 3 = My Projects • 4 = My Requests • 11 = All Programs • 12 = Active Programs • 13 = My Programs • 21 = All Invoices • 22 = My Active Invoices • 31 = All Plans • 32 = Active Plans • 41 = All Accounts • 42 = Active Accounts • 51 = All RFQs • 52 = Active RFQs
created_by	INT32		true	User ID of the user who created the search. This column is the foreign key to uap_user.user_id.
sort_by	NVARCHAR	255	true	
sort_order	VARCHAR	4	true	

uap_user_pref

This table stores the customizations and preferences selected by users. For example, each user can select a home or starting page to display on login.

Field	Type	Length	Null?	Description
user_id	INT32		false	User identifier. This column is the foreign key into uap_user.
ufolder_id	INT32		true	

Field	Type	Length	Null?	Description
default_module	VARCHAR	20	true	The module that this user sees after logging in.; for example, Approvals.
default_menu_group	VARCHAR	64	true	Defines the left menu group that displays for each user after logging in. This column was added in version 7.3.
default_view	VARCHAR	20	true	Default view for the module: list or calendar.
proj_wf_view	VARCHAR	20	true	
default_cal_opt	VARCHAR	1	true	
default_alert_ch	VARCHAR	20	true	
default_sec_policy	INT32		true	ID for the default security policy for this user.
appr_folder_id	INT32		true	The approval folder for the user.
hlth_mail_sbscrptn	INT32		true	Indicates whether the user subscribes to daily notifications by email for project health status calculations.

uap_user_menu_pref

This table specifies, for each user, the menu and menu item to display as the default when the user logs in. This table was added in version 7.3.

Field	Type	Length	Null?	Description
user_id	INT32		false	Unique ID generated by the system for each user.
menu_group_id	VARCHAR	64	false	User starts with this menu group upon logging in.
default_menu_item	VARCHAR	64	false	User sees this menu item as the default upon logging in.

uap_utype_pref

Each user can set their starting screen when they view projects. This table stores those preferences. This table was new in version 7.3.

Field	Type	Length	Null?	Description
user_id	INT32		false	User ID. This column is the foreign key to uap_users.user_id.
type	VARCHAR	50	false	Type of object to start in (for example, project).
startup_folder_id	INT32		true	ID of the folder to start in. For example, 1 corresponds to All Projects and Requests. This column is the foreign key into uap_user_folders.ufolder.id.

Field	Type	Length	Null?	Description
default_view	VARCHAR	20	true	The default view for the Task view: List or Calendar. This column was added in version 7.4.1.
startup_report	NVARCHAR	1024	true	

uap_wf_users

Field	Type	Length	Null?	Description
wf_no	INT32		false	Unique ID generated by the system for each workflow step or stage.
user_id	INT32		false	User ID of a workflow task member. This column is the foreign key to uap_user.
est_usage	INT32		true	
act_usage	INT32		true	

uap_proj_users

This table contains the basic data for all project users.

Field	Type	Length	Null?	Description
project_id	INT32		false	
user_id	INT32		false	Project team member internal user ID.
mem_type_id	INT32		false	Project member type role ID. This column is the foreign key to uap_member_type. The following values are valid. • Owner • Requestor • Participant • Participant
team_id	INT32		true	Team ID. This column was added in version 7.4.0.
step_id	INT32		false	

uap_user

This table stores information about users defined in the system. It contains user definitions and privileges.

Field	Type	Length	Null?	Description
user_id	INT32		false	
last_name	NVARCHAR	80	true	The size of the column was increased to 80 in version 8.0.
first_name	NVARCHAR	64	true	The size of the column was increased to 64 in version 8.0.
last_mod_date	DATETIME		true	

Field	Type	Length	Null?	Description
login_id	NVARCHAR	200	true	The size of the column was changed from 20 to 100 in version 7.3. The size of the column was changed from 100 to 200 in version 8.0.
email_id	NVARCHAR	100	true	
status_code	VARCHAR	20	true	The following values are valid. • ENABLED • DISABLED • DELETED
locale	VARCHAR	10	true	The locale for the user. This column was added in version 7.4.0.
timezone	VARCHAR	30	true	This column stores the timezone of the user. This column was added in version 9.1.0.

uap_metric_grps

This table stores details about metric groups.

Field	Type	Length	Null?	Description
project_id	INT32		false	Unique ID that is generated by the system for each project and project request.
grp_id	VARCHAR	50	false	ID of the metric group.
grp_display	NVARCHAR	100	true	Display name for the metric group.
grp_display_order	INT32		true	Display order of the metric group.

uap_metric_cols

Field	Type	Length	Null?	Description
project_id	INT32		false	
col_taborder	INT32		false	Metrics display order.
col_display	NVARCHAR	100	true	Metric display name.
flag_target	VARCHAR	1	true	Flag whether this metric is a target.
dimension_type	VARCHAR	20	true	Metric dimension type.

uap_proj_msgboard

Field	Type	Length	Null?	Description
project_id	INT32		false	Unique ID that is generated by the system for each project and project request. This column is the foreign key to uap_projects.
msg_id	INT32		false	Unique ID that is generated by the system for each message on the project message board.

Field	Type	Length	Null?	Description
post_datetime	DATETIME		false	Date the message was posted on the project message board.
user_id	INT32		false	Unique ID of the user who posted the message. This column is the foreign key to uap_user.
msg_text	NVARCHAR	1024	true	Message text.
recipients	NVARCHAR	512	true	List of recipients if the message is emailed.

uap_proj_metrics

This table holds metrics for the project, both user-entered and computed by the system.

Field	Type	Length	Null?	Description
metric_id	NVARCHAR	50	false	Metric ID name.
display_name	NVARCHAR	100	true	Metric display name.
display_order	INT32		true	Metric display tab order
units	VARCHAR	20	true	Metric unit type.
input_method	VARCHAR	20	true	Metric value input method. The following values are valid. • USER • COMPUTE • LINK • ROLLUP
display_format	VARCHAR	20	true	Metric value display format.
metric_value1	FLOAT		true	Metric value 1.
metric_value3	FLOAT		true	Metric value 3.
metric_value2	FLOAT		true	Metric value 2.
metric_columns	INT32		true	Number of metric dimensions or columns. The maximum number of supported dimensions or columns is 5.
description	NVARCHAR	1024	true	
formula	NVARCHAR	1024	true	Formula used to compute the metric. The value cannot be null if input_method is COMPUTE. The value is null if input_method is USER.
metric_precision	INT32		true	Metric value decimal precision.
metric_value4	FLOAT		true	Metric value 4.
grp_id	NVARCHAR	50	true	Metric group ID. This column is the foreign key to uap_metric_grps.
metric_value5	FLOAT		true	Metric value 5.

Field	Type	Length	Null?	Description
project_id	INT32		false	Unique ID generated by the system for each project and project request. This column is the foreign key to uap_projects.
metric1_nan	NVARCHAR	20	true	Metric 1 value internal computation errors/conditions saved for display.
metric2_nan	NVARCHAR	20	true	Metric 2 value internal computation errors/conditions saved for display.
metric3_nan	NVARCHAR	20	true	Metric 3 value internal computation errors/conditions saved for display.
metric4_nan	NVARCHAR	20	true	Metric 4 value internal computation errors/conditions saved for display.
metric5_nan	NVARCHAR	20	true	Metric 5 value internal computation errors/conditions saved for display.
planned_value	FLOAT		true	Planned metric value.
planned_nan	NVARCHAR	20	true	Planned metric value internal computation errors/conditions saved for display.
is_planned_value	VARCHAR	1	true	Indicates whether this metric is a planned value. If this value is Y, then this metric has a planned value. The following values are valid. • Y = Yes, planned • N = No
show_as_rollup	VARCHAR	1	true	Indicates whether this metric shows in rollup display table.
is_visible	VARCHAR	1	true	Flag if this metric is visible in the user interface. If this value is Y, this metric appears in the user interface. Otherwise, it is hidden and used for computation purpose. The following values are valid. • Y = Yes, visable • N = No

uap_proj_hist

This table contains details about the project history.

Field	Type	Length	Null?	Description
seq_no	INT32		false	Unique number generated by the system for project revision history.
user_id	INT32		true	ID of the user who modified the project.
on_behalf_user_id	INT32		true	
last_mod_date	DATETIME		true	Date on which the project was last modified.
status_code	VARCHAR	20	true	Project status

Field	Type	Length	Null?	Description
project_id	INT32		false	Unique ID generated by the system for each project or project request.
cur_state	VARCHAR	20	true	Current state of the project.
comments	CLOB		true	Comments for recipients. The data type was changed to CLOB in version 9.0.0.
prev_state	VARCHAR	20	true	Previous state of the project.

uap_proj_attach

Field	Type	Length	Null?	Description
attach_id	INT32		false	Unique ID that is generated by the system for each project attachment.
attach_orig_file	NVARCHAR	255	true	Original file name of the attachment.
user_id	INT32		true	
attach_file	VARCHAR	255	true	
mime_type	VARCHAR	255	true	
attach_note	NVARCHAR	1024	true	
attach_size	VARCHAR	100	true	
attach_date	DATETIME		true	
flag_mcm_item	VARCHAR	1	true	
item_version_seq	INT32		true	
item_id	INT32		true	
proj_folder_id	INT32		true	
enable	INT32		true	Defines the markup state for a project attachment for the Markup Anywhere feature. This column was added in version 7.3.

uap_proj_folders

Field	Type	Length	Null?	Description
proj_folder_id	INT32		false	Unique ID that is generated by the system for each project attachments category or folder.
folder_name	NVARCHAR	255	true	
folder_disp_name	NVARCHAR	1024	true	
parent_folder	INT32		true	
project_id	INT32		true	Unique ID of the project. This column is the foreign key to uap_projects.
proj_folder_type	VARCHAR	20	true	

uap_wf_dep

Project workflow steps can have one or more dependencies within a project workflow

Field	Type	Length	Null?	Description
wf_no	INT32		false	Unique ID generated by the system for each workflow step or stage. This column is the foreign key to uap_workflow.
dep_seq	INT32		false	
project_id	INT32		true	Unique ID generated by the system for each project and project request. This column is the foreign key to uap_projects.
dep_wf_no	INT32		true	Workflow step internal number/ID.

uap_workflow

This table contains data for project workflow stages and steps.

Field	Type	Length	Null?	Description
wf_no	INT32		false	Unique identifier generated by the system for each workflow step or stage.
name	NVARCHAR	256	true	Name of the stage or step. The size of this column was changed to 256 in version 7.4.0.
display_order	INT32		true	
flag_stage	VARCHAR	1	true	Step display integer. This value appears along with the step or stage name in the user interface. For example, "1.1 Creative Approval Task".
start_date	DATETIME		true	Workflow step start date.
end_date	DATETIME		true	Workflow step end date.
flag_anchor	VARCHAR	1	true	Anchor date flag.
duration	FLOAT		true	Workflow step predicted or forecasted duration.
actual_duration	FLOAT		true	Workflow step actual duration.
pcnt_comp	INT32		true	Percent complete.
project_id	INT32		true	Unique identifier for a project or project request. This column is the foreign key for uap_projects.
flag_link	VARCHAR	1	true	Workflow step link flag. The value is Y if the step is linked and null if it is not linked.The following values are valid. • Y = Yes, linked • null
forecast_st	DATETIME		true	Workflow step forecast start date.

Field	Type	Length	Null?	Description
link_id	INT32		true	Workflow step link object ID. If the value for the link_object column is APPROVAL, the value for this column is the approval ID.
parent_stage	INT32		true	Parent stage if the entry is a step.
status_code	VARCHAR	20	true	
notes	NVARCHAR	1024	true	
milestone_type	INT32		true	Workflow step or task milestone type. This column is the foreign key to uap_wf_milestone.
display_id	VARCHAR	10	true	
link_object	VARCHAR	20	true	The type of task For example, peopletask or approval.
state_code	VARCHAR	20	true	Status of the stage or task. The following values are valid. • PENDING • ACTIVE • FINISHED • SKIPPED
forecast_end	DATETIME		true	Workflow step forecast end date.
effort	FLOAT		true	Estimated effort.
actual_effort	FLOAT		true	Actual effort.
task_code	NVARCHAR	100	true	Used to uniquely identify tasks, for use with the SDK. This column was added in version 7.5.
enable_attachment	INT32		true	Flag to allow attachments to task. This column was added in version 7.5.
duration_str	VARCHAR	20	true	Workflow step predicted/forecast duration in DD-HH-MM format. This column was added in version 7.5.
actual_duration_str	VARCHAR	20	true	Workflow step actual duration of the task in DD-HH-MM format. This column was added in version 7.5.
effort_str	VARCHAR	20	true	Estimated effort of the task in DD-HH-MM format. This column was added in version 7.5.
actual_effort_str	VARCHAR	20	true	Actual effort in DD-HH-MM format. This column was added in version 7.5.
required	VARCHAR	2	true	Workflow task is required task or not. This column was added in version 7.5.
enforce_dep	VARCHAR	2	true	Flag to enforce dependency between workflow task. This column was added in version 7.5.

Field	Type	Length	Null?	Description
scheduling_mask	INT32		true	Determines whether a workflow step schedules through weekends, non-work time, or both.
ready_to_start	INT32		true	This column was added in version 8.2.0. It identifies whether dependencies are complete. • 0 = Not ready to start • 1 = Ready to start
map_name	NVARCHAR	50	true	
last_mod_date	TIMESTAMP		true	This column was added in version 8.5.0. The last updated date for the workflow task.
rework	VARCHAR	10	true	Workflow step internal number/ID. This column was added in version 10.0.0.2
rework_count	INT32		true	Count which represents number of times the task was triggered as part of rework loop. This column was added in version 10.0.0.2

uap_projects

This table stores base data for projects and project requests. Data that corresponds to user-defined attributes is stored in the user-defined tables.

Field	Type	Length	Null?	Description
project_id	INT32		false	Unique ID generated by the system for each project and project request.
name	NVARCHAR	256	true	Name of the project or project request. Version 7.4 increased the size to 256.
description	NVARCHAR	1024	true	
status_code	VARCHAR	20	true	Current status of the project. The following values are valid. • LATE • OVERDUE
start_date	DATETIME		true	Project target start date. Start_date is populated from the Target Start Date on the Summary Tab. There is no other criteria as long as it is populated on the Summary tab.
end_date	DATETIME		true	Project target end date. End_date is populated from the Target End Date on the Summary Tab. There is no other criteria as long as it is populated on the Summary tab.
duration	INT32		true	
created_by	INT32		true	ID of the user who created the project or project request.

Field	Type	Length	Null?	Description
created_date	DATETIME		true	Date and time the project or project request was created.
modified_by	INT32		true	ID of the user who last modified the project or project request.
last_mod_date	DATETIME		true	Date when the project or project request was last modified.
pcnt_comp	INT32		true	
flag_anchor	VARCHAR	1	true	This column was added in version 9.0.
req_comp_date	DATETIME		true	Project request completion date. This column is null if the project request is not completed or if the entry is a project.
wf_steps	INT32		true	This column was added in version 9.0.
state_code	VARCHAR	20	true	Current state of the project or project request. For project requests, the following values are valid. • DRAFT • SUBMITTED • RETURNED • ACCEPTED • CANCELLED For projects, the following values are valid. • NOT_STARTED • IN_PROGRESS • ON_HOLD • CANCELLED • COMPLETED
template_name	NVARCHAR	50	true	Name of the project template.
metric_template	NVARCHAR	50	true	Project metric template name. The value for this column is null if the project does not have any metrics.
error_code	VARCHAR	20	true	This column was added in version 9.0.
actual_st_date	DATETIME		true	Project actual start date. Actual_st_date is based on the state (state_code) of the Project. Actual_st_date is populated with the current datetime the project is set to In Progress.
proj_code	NVARCHAR	100	true	This column was added in version 9.0.
flag_proj_request	VARCHAR	1		Whether it is a project or project request. The following values are valid. • Y = project request • N or null = project

Field	Type	Length	Null?	Description
proj_request_id	INT32		true	ID of the project request from which this project was created. The value of this column is null if the item is a project request or a project that was not created from a project request.
sec_policy_id	INT32		true	Project security policy in which the current project is created. The value determines the visibility for the project.
req_submit_date	DATETIME		true	Project request submit date. This column is null until the request is submitted or if the entry is a project.
actual_end_date	DATETIME		true	Project actual end date. Actual_end_date is based on the state (state_code) of the Project. Actual_end_date is updated with the current datetime the project is set to Cancel or Finished.
campaign_id	INT64		true	This column was added in version 9.0.
mt_mod_date	DATETIME		true	This column was added in version 9.0.
mt_finalized_date	DATETIME		true	This column was added in version 9.0.
mt_import_date	DATETIME		true	This column was added in version 9.0.
parent_proj_id	INT32		true	
root_proj_id	INT32		true	
proj_level	INT32		true	For a subproject, the number of levels down the hierarchy at which this project occurs. For example, if the project has a single parent project, the value of proj_level is 1.
sec_policy_model	INT32		true	Stores the selected security policy model for the project template. The following values are valid. • 1 = Template Security Model • 2 = User Security Model
budget_alloc_granularity	INT32		false	Specifies the budget granularity for the project. The following values are valid. • 0 = quarterly • 1 = monthly • 2 = weekly
health_status	NVARCHAR	32	true	The current health status of the project as calculated by the daily automated batch job. This column is the foreign key to uap_proj_health_daily.health_status. This column was added in version 9.0.

Field	Type	Length	Null?	Description
health_calc_date	DATETIME		true	The date and time of the last project health calculation. This column was added in version 9.0.
percentage_complete	FLOAT		true	The overall completion percentage that is calculated for the project. This column is the foreign key to uap_proj_health_daily. This column was added in version 9.0.
archival_state	NVARCHAR	50	true	The archival status of a project to determine whether it is active or inactive.
bpm_setting	INT32		true	Defaults to 0. This column was added in version 10.0.0.2.

uap_proj_job

This table stores data that is generated by the automated batch jobs that calculate project health scores. This column was added in version 9.0 to support features for calculating and displaying an overall project status.

Field	Type	Length	Null?	Description
job_id	INT32		false	The unique, identifying number for the job.
job_type	NVARCHAR	50	false	
start_date	DATETIME		false	Actual start date of the job.
end_date	DATETIME		true	Actual end date of the job.
tot_proj_count	INT32		true	
calc_proj_count	INT32		true	
status	NVARCHAR	100	true	The status of the job. The following values are valid. • In Progress • COMPLETED
failure_reason	NVARCHAR	1024	true	The reason for job failure, if any.

uap_proj_health_rule

This table stores the project health rules added through the user interface. This column was added in version 9.0 to support features for calculating and displaying an overall project status.

Field	Type	Length	Null?	Description
health_rule_id	INT32		false	This column is the foreign key to uap_tt_templates and uap_proj_health_daily.
rule_name	NVARCHAR	100	false	The supplied identifying name.
description	NVARCHAR	1024	true	The supplied description.
rule_xml	CLOB		true	The XML for the entered rule.
rule_identifier	NVARCHAR	30	true	

Field	Type	Length	Null?	Description
status	NVARCHAR	10	true	The status of the rule.
created_by	INT32		true	User ID of the user who created this rule. This column is the foreign key to uap_users.user_id.
creation_date	DATETIME		true	Time stamp for when the rule was created.
modified_by	INT32		true	User ID of the user who last modified this rule. This column is the foreign key to uap_users.user_id.
modified_date	DATETIME		true	Time stamp for when the rule was last modified.

uap_proj_health_status

This table stores the labels and colors to associate with the supplied project health status values. This column was added in version 9.0 to support features for calculating and displaying an overall project status.

Field	Type	Length	Null?	Description
health_status	NVARCHAR	30	false	The internal, predefined status. The following values are valid. • Healthy • Warning • Critical • Unknown This column is the foreign key to uap_proj_health_daily.health_status.
status_label	NVARCHAR	50	true	The name to display in the user interface for the status.
status_color	VARCHAR	7	true	The color to display in the user interface for the status.
status_weightage	INT32		true	
is_default	INT32		false	Identifies the status to assign by default when the conditions in a health status rule do not resolve to a different rule.
seq_no	INT32		false	Identifier for a health status entry. The system increments the seq_no each time a change is made.
modified_by	INT32		true	User ID of the user who last modified this rule. This column is the foreign key to uap_users.user_id.
modified_date	DATETIME		true	Time stamp for when the rule was last modified.

uap_proj_health_daily

This table stores the health score for a project as calculated by the daily automated batch job on a specific day. This column was added in version 9.0 to support features for calculating and displaying an overall project status.

Field	Type	Length	Null?	Description
project_id	INT32		false	This column is the foreign key to uap_projects.project_id.
health_rule_id	INT32		false	This column is the foreign key to uap_proj_health_rule.health_rule_id.
health_status	NVARCHAR	30	false	This column is the foreign key to uap_proj_health_status.health _status.
day	INT32		false	The day the daily automated batch job ran and computed the project health scores.
month	INT32		false	The month the daily automated batch job ran and computed the project health scores.
year	INT32		false	The year the daily automated batch job ran and computed the project health scores.
percent_task_overdue	FLOAT		true	Percentage of tasks that the daily automated batch job found to be overdue.
percent_milestone_overdue	FLOAT		true	Percentage of milestones that the daily automated batch job found to be overdue.
percent_task_time_overdue	FLOAT		true	Percentage of time that tasks were overdue as computed by the daily automated batch job.
percent_milestone_time_overdue	FLOAT		true	
percent_budget_overrun	FLOAT		true	Total estimated budget minus actual expenses in comparison to the total estimated budget as computed by the daily automated batch job.
percent_project_complete	FLOAT		true	The completion percentage of the overall project.

uap_proj_health_monthly

This table stores health scores and metrics that are calculated for a project during a specific month. This column is used by the Project Health (Monthly) report. This column was added in version 9.0 to support features for calculating and displaying an overall project status.

Field	Type	Length	Null?	Description
project_id	INT32		false	This column is the foreign key to uap_projects.project_id.
month	INT32		false	The month for which the project health computations were made.

Field	Type	Length	Null?	Description
year	INT32		false	The year for which the health computations were made.
percent_healthy	FLOAT		true	During the specified month, the percentage of time the Healthy status was given to a project.
percent_warning	FLOAT		true	During the specified month, the percentage of time the Warning status was given to project.
percent_critical	FLOAT		true	During the specified month, the percentage of time the Critical status was given to project.
percent_default	FLOAT		true	During the specified month, the percentage of time the Unknown status was given to project.
health_score	INT32		false	The aggregated health score for the project for the indicated month and year.

uap_format_symbols

This table supports localized date values for the IBM Cognos monthly and trend project health reports. This column was added in version 9.0.

Field	Type	Length	Null?	Description
locale	NVARCHAR	10	false	Identifies a supported locale.
category	NVARCHAR	20	false	
fs_key	INT32		false	
fs_value	NVARCHAR	50	false	

uap_status

Field	Type	Length	Null?	Description
status_code	VARCHAR	20	false	
status_desc	NVARCHAR	100	true	

uap_notify_attach

Field	Type	Length	Null?	Description
notify_id	INT32		false	
attach_seq	INT32		false	
user_id	INT32		true	
attach_date	DATETIME		true	
attach_file	NVARCHAR	50	true	
attach_path	NVARCHAR	255	true	
attach_type	VARCHAR	50	true	
attach_note	NVARCHAR	255	true	

uap_notifications

This table contains the details for notifications, which are sent as alerts in IBM Marketing Operations.

Field	Type	Length	Null?	Description
notify_id	INT32		false	Unique identifier for the notification.
post_datetime	DATETIME		false	Date and time the notification was created.
evt_type	INT32		false	Type of the event that caused the notification.
evt_post_datetime	DATETIME		false	Date and time the event that caused the notification occurred.
evt_source_type	INT32		false	
evt_source_id	INT32		false	
evt_user_id	INT32		true	
evt_id	INT32		true	Identifier of the event that caused the notification.
evt_comments	CLOB		true	The text of the notification. The size of this column was increased in version 7.4.1 to support unlimited text length.

uap_notify_rules

Field	Type	Length	Null?	Description
notify_rule_id	INT32		false	
notify_rule_desc	NVARCHAR	255	true	

uap_member_type

This table defines all the member types for system objects. This table was added in version 7.3.

Field	Type	Length	Null?	Description
mem_type_id	INT32		false	Unique identifier for the membership type.
mem_name	NVARCHAR	255	true	Name of the membership type. The following values are valid. • Approver • Manager • Owner • Participant • Recipient • Requester
object_type	VARCHAR	50	true	The object type corresponding to the membership. For example, a program object has membership types of Owner and Participant.

Field	Type	Length	Null?	Description
template_id	INT32		false	

uap_event_queue

Field	Type	Length	Null?	Description
event_id	INT32		false	
event_type	INT32		false	
post_datetime	DATETIME		false	
src_object_type	INT32		false	
src_object_id	INT32		false	
user_id	INT32		true	
comments	CLOB		true	The size of the column was increased in version 7.4.1. The column now supports unlimited text length.
status	VARCHAR	20	true	This column was added in version 7.4.0.
plan_server	NVARCHAR	50	true	For clustered environments, the name of the server for which the item is queued. This column was added in version 7.4.0.

uap_email_queue

Field	Type	Length	Null?	Description
email_id	INT32		false	Unique identifier for the email message.
notify_id	INT32		false	
post_datetime	DATETIME		false	Date and time for when the message was posted.
resend_count	INT32		false	
resend_datetime	DATETIME		false	
resend_status	INT32		false	
to_address	NVARCHAR	64	false	
from_address	NVARCHAR	64	false	
reply_address	NVARCHAR	1024	false	
priority_type	INT32		false	
subject	NVARCHAR	300	false	Subject line for the message. The size of the column was changed to 300 in version 7.4.0.
content	CLOB		false	Text content of the message. The size of the column was increased in version 7.3 and again in 7.4.1. The column now supports unlimited text length.
status	VARCHAR	20	true	This column was added in version 7.4.0.

Field	Type	Length	Null?	Description
plan_server	NVARCHAR	50	true	For a clustered environment, the name of the server for which the item is queued.

uap_system_version

Field	Type	Length	Null?	Description
software_version	VARCHAR	20	false	
database_version	VARCHAR	20	false	
database_action	VARCHAR	20	false	
date_performed	DATETIME		false	Column changed to not allows nulls in version 7.4.0.

umcm_item_notify

Field	Type	Length	Null?	Description
event_type	INT32		false	
user_id	INT32		false	
delivery_mask	INT32		true	
item_id	INT32		false	

uap_programs

Program data consists of base data and user-defined custom attributes data. The base data is saved in the uap_programs table and user-defined data is saved in user-defined tables.

Field	Type	Length	Null?	Description
program_id	INT32		false	Unique ID generated by the system for each program.
name	NVARCHAR	256	true	Size of the column was changed 256 in version 7.4.0.
description	NVARCHAR	1024	true	
template_name	NVARCHAR	50	true	Program template name.
program_code	NVARCHAR	100	true	
status_code	VARCHAR	20	true	Program status. The following values are valid. • LATE • OVERDUE
state_code	VARCHAR	20	true	Program state. The following values are valid. • NOT STARTED • IN PROGESS • ON HOLD • CANCELLED • COMPLETED

Field	Type	Length	Null?	Description
start_date	DATETIME		true	Program target start date.
end_date	DATETIME		true	Program target end date.
actual_st_date	DATETIME		true	Program actual start date.
actual_end_date	DATETIME		true	Program actual end date. Note for start_date, end_date, actual_st_date, and actual_end_date: We only use two of these columns. One set is used and overloaded (both forecast and actual stored there) and there is a relationship to the status_code column.
metric_template	NVARCHAR	50	true	Program metrics template name. Null if the program does not have any metrics.
created_by	INT32		true	User who created the program.
created_date	DATETIME		true	Date and time when the program was created. System generated.
modified_by	INT32		true	User who last modified the program.
last_mod_date	DATETIME		true	Date and time when the program was last modified. System generated.
sec_policy_id	INT32		true	Project security policy in which the current project is created. The value determines the visibility for the project.
mt_mod_date	DATETIME		true	
mt_finalized_date	DATETIME		true	
budget_alloc_granularity	INT32		false	Specifies the budget granularity for the plan. • 0 = quarterly • 1 = monthly • 2 = weekly

uap_prgrm_notify

Field	Type	Length	Null?	Description
program_id	INT32		false	Unique ID generated by the system for each program.
event_type	INT32		false	
user_id	INT32		false	
delivery_mask	INT32		false	

uap_prgrm_project

This table contains information about relationships between programs and their associated projects.

Field	Type	Length	Null?	Description
project_id	INT32		false	Unique ID generated by the system for each project. Indicates the ID for a project linked to this program. This column is the foreign key to uap_projects.project_id.
program_id	INT32		false	Unique ID generated by the system for each program. Foreign key to uap_programs.progam_id.
plan_id	INT32		true	Plan ID. This value is null if the program is not linked to a plan.
plan_parea_id	INT32		true	Plan - program area ID. This value is null if the program is not linked to a program area.

uap_prgrm_hist

This table contains details about the program history.

Field	Type	Length	Null?	Description
program_id	INT32		false	Unique ID generated by the system for each Program.
seq_no	INT32		false	Unique ID generated by the system, for each Program Revision history.
user_id	INT32		true	Program modified by user.
last_mod_date	DATETIME		true	Program Last Modified date.
status_code	VARCHAR	20	true	Program status.
comments	CLOB		true	The data type was changed from string (1024) to clob in version 9.1.0.
cur_state	VARCHAR	20	true	Program current state.
prev_state	VARCHAR	20	true	Program previous state.

uap_prgrm_users

This table stores details about the program users.

Field	Type	Length	Null?	Description
program_id	INT32		false	Unique ID generated by the system for each program. Foreign key to uap_programs.progam_id.
user_id	INT32		false	Program team member internal user ID. This column is the foreign key to uap_user.user_id.

Field	Type	Length	Null?	Description
mem_type_id	INT32		false	Program member type role ID. This column is the foreign key to uap_member_type.mem_type_id. The following values are valid. • Owner • Requestor • Participant • Observer/Advisor

uap_prgrm_msgboard

Field	Type	Length	Null?	Description
program_id	INT32		false	Unique ID generated by the system for each program.
msg_id	INT32		false	Unique ID generated by the system, for the program message board.
post_datetime	DATETIME		false	Program message posted date.
user_id	INT32		false	Message posted by the user. This column is the foreign key to uap_user.user_id.
msg_text	NVARCHAR	1024	true	Text of the message.
recipients	NVARCHAR	512	true	List of recipients if the message is emailed.

uap_attach

Field	Type	Length	Null?	Description
attach_id	INT32		false	
attach_orig_file	NVARCHAR	255	true	
attach_note	NVARCHAR	1024	true	
attach_size	INT32		true	
attach_date	DATETIME		true	
mime_type	VARCHAR	255	true	
flag_mcm_item	VARCHAR	1	true	
item_id	INT32		true	
item_version_seq	INT32		true	
attach_folder_id	INT32		false	
user_id	INT32		true	
parent_obj_id	INT32		false	
parent_obj_type	VARCHAR	50	false	The size of this column increased to 50 in version 7.4.0.
enable	INT32		true	Defines the markup state of an attachment for the Markup Anywhere feature. Version 7.3 added this column.

uap_attach_folder

Field	Type	Length	Null?	Description
attach_folder_id	INT32		false	
folder_name	NVARCHAR	255	true	
parent_obj_id	INT32		false	
parent_obj_type	VARCHAR	50	false	The size of this column increased to 50 in version 7.4.0.
parent_folder_id	INT32		true	

uap_proj_mtc_hist

Field	Type	Length	Null?	Description
metric_id	NVARCHAR	50	false	Metric ID name.
project_id	INT32		false	Unique ID generated by the system for each project and project request.
hist_datetime	DATETIME		false	
metric_value1	FLOAT		true	
metric_value2	FLOAT		true	
metric_value3	FLOAT		true	
metric_value4	FLOAT		true	
metric_value5	FLOAT		true	
metric1_nan	NVARCHAR	20	true	
metric2_nan	NVARCHAR	20	true	
metric3_nan	NVARCHAR	20	true	
metric4_nan	NVARCHAR	20	true	
metric5_nan	NVARCHAR	20	true	

uap_invoice_items

This table stores all invoice line items.

Field	Type	Length	Null?	Description
invoice_id	INT32		false	Unique ID generated by the system for each invoice created. This column is the foreign key to uap_invoices.invoice_id.
cost_item_id	INT32		false	
cost_item_no	INT32		true	
cost_item_desc	NVARCHAR	100	true	
src_obj_type	VARCHAR	20	true	Invoice item source object type. The following values are valid. • PROJECT • PROGRAM

Field	Type	Length	Null?	Description
src_obj_id	INT32		true	Invoice source object internal ID. This column is the foreign key to uap_project.project_id or uap_programs.program_id, depending on whether the entry is a Project or a Program.
src_obj_code	NVARCHAR	100	true	Invoice source object code. Values match values from uap_projects.project_code and uap_programs.program_code columns, depending on whether the invoice item source object is a Project or Program.
account_id	INT32		true	Account internal ID. This column is the foreign key to uap_accounts.account_id.
account_code	NVARCHAR	100	true	Account code. The values match values from ap_accounts.account_code column.
cost_cat_id	INT32		true	Cost Category internal ID. This column is the foreign key to uap_cost_cat.cost_cat_id.
cost_cat_code	NVARCHAR	100	true	Cost Category code. Values: Match values from the uap_cost_cat.cost_cat_code column.
quantity	INT32		true	Quantity.
unit_cost	FLOAT		true	Item unit cost.
item_cost	FLOAT		true	Item total cost.
approval_id	INT32		true	The ID of the approval associated with the line item. This column was added in 8.5.0.
approval_status	VARCHAR	20	true	The status of the approval associated with the line item. This column was added in 8.5.0.
line_item_updated	INT32		true	A flag to identify updated line items in the edit session. This column was added in 8.5.0. The following are valid values. • 1 = the line item is updated • 0 = the line item is finalized; not updated • -1 = the line item is upgraded

uap_budget_amt

Field	Type	Length	Null?	Description
quarter_id	INT32		false	
year	INT32		false	
month	INT32		false	

Field	Type	Length	Null?	Description
week	INT32		false	If budget granularity is not set to week, the value is -1. If the granularity is week, the value is an integer from 0 to 52, denoting the exact week in the fiscal year.
budget_id	INT32		false	Unique ID generated by the system for each budget created.
forecast_amt	FLOAT		true	
committed_amt	FLOAT		true	
actual_amt	FLOAT		true	
budget_amt	FLOAT		true	
alloc_amt	FLOAT		true	
line_item_amt	FLOAT		true	Used for line item allocations. This column was added in version 7.4.0.

uap_act_budget

Field	Type	Length	Null?	Description
account_id	INT32		false	Unique ID generated by the system for each account created.
budget_id	INT32		false	Unique ID generated by the system for each budget created.

uap_prgrm_cost

Field	Type	Length	Null?	Description
program_id	INT32		false	
cost_item_id	INT32		false	
version_id	INT32		false	
cost_item_no	INT32		true	
cost_item_desc	NVARCHAR	100	true	
account_id	INT32		true	Unique ID generated by the system for each account created.
account_code	NVARCHAR	100	true	
forecast_amt	FLOAT		true	
committed_amt	FLOAT		true	
expenditure_date	DATETIME		true	
created_date	DATETIME		true	
created_by	INT32		true	
last_mod_date	DATETIME		true	
modified_by	INT32		true	
cost_cat_id	INT32		true	
cost_cat_code	NVARCHAR	100	true	
vendor_id	INT32		true	

Field	Type	Length	Null?	Description
vendor_code	NVARCHAR	100	true	
approval_id	INT32		true	The ID of the approval that is associated with the line item. This column was added in 8.5.0.
approval_status	VARCHAR	20	true	The status of the approval that is associated with the line item. This column was added in 8.5.0.
line_item_updated	INT32		true	A flag to identify updated line items in the edit session. This column was added in 8.5.0. The following are valid values. • 1 = the line item is updated • 0 = the line item is finalized; not updated • -1 = the line item is upgraded

uap_parea_budget

Field	Type	Length	Null?	Description
budget_id	INT32		false	Unique ID generated by the system for each budget created.
plan_parea_id	INT32		false	
budget_total	FLOAT		true	
forecast_total	FLOAT		true	
actual_total	FLOAT		true	
committed_total	FLOAT		true	
finalized_date	DATETIME		true	

uap_proj_cost

Field	Type	Length	Null?	Description
project_id	INT32		false	
cost_item_id	INT32		false	
version_id	INT32		false	
line_item_id	INT32		false	A new column added in the 8.2.0.2 patch to uniquely identify line items.
cost_item_no	INT32		true	
account_id	INT32		true	Unique ID generated by the system for each account created.
account_code	NVARCHAR	100	true	
forecast_amt	FLOAT		true	
committed_amt	FLOAT		true	
expenditure_date	DATETIME		true	
created_date	DATETIME		true	
created_by	INT32		true	

Field	Type	Length	Null?	Description
last_mod_date	DATETIME		true	
modified_by	INT32		true	
cost_cat_id	INT32		true	
cost_cat_code	NVARCHAR	100	true	
cost_item_desc	NVARCHAR	100	true	
vendor_id	INT32		true	
vendor_code	NVARCHAR	100	true	
approval_id	INT32		true	The ID of the approval associated with the line item. This column was added in 8.5.0.
approval_status	VARCHAR	20	true	The status of the approval associated with the line item. This column was added in 8.5.0.
line_item_updated	INT32		true	A flag to identify updated line items in the edit session. This column was added in 8.5.0. The following are valid values. • 1 = the line item is updated • 0 = the line item is finalized; not updated • -1 = the line item is upgraded

uap_invoice_users

This table stores all of the users who are participating in the invoice.

Field	Type	Length	Null?	Description
invoice_id	INT32		false	Unique ID generated by the system for each invoice created. This column indicates the invoice that the user is participating in. This column is the foreign key to uap_invoices.invoice_id
user_id	INT32		false	User ID of the user. This column is the foreign key to uap_users.user_id.
mem_type_id	INT32		false	Member type ID of the user for this invoice. This column is the foreign key to uap_member_type.mem_type_id

uap_invoice_hist

Field	Type	Length	Null?	Description
invoice_id	INT32		false	Unique ID generated by the system for each invoice created.
seq_no	INT32		false	
cur_state	VARCHAR	20	true	

Field	Type	Length	Null?	Description
comments	NVARCHAR	1024	true	
prev_state	VARCHAR	20	true	
last_mod_date	DATETIME		true	
user_id	INT32		true	

uap_quarters

Field	Type	Length	Null?	Description
quarter_id	INT32		false	
year	INT32		false	
month	INT32		false	
description	NVARCHAR	100	true	

uap_account_users

Field	Type	Length	Null?	Description
account_id	INT32		false	Unique ID generated by the system for each account created.
user_id	INT32		false	
mem_type_id	INT32		false	

uap_account_hist

This table holds data that tracks account information history.

Field	Type	Length	Null?	Description
account_id	INT32		false	Unique ID generated by the system for each account created.
seq_no	INT32		false	
comments	NVARCHAR	1024	true	
last_mod_date	DATETIME		true	
user_id	INT32		true	

uap_inv_notify

Field	Type	Length	Null?	Description
event_type	INT32		false	
user_id	INT32		false	
invoice_id	INT32		false	Unique ID generated by the system for each invoice created.
delivery_mask	INT32		true	

uap_inv_msgboard

Field	Type	Length	Null?	Description
invoice_id	INT32		false	Unique ID generated by the system for each invoice created.
msg_id	INT32		false	
post_datetime	DATETIME		true	
user_id	INT32		true	
msg_text	NVARCHAR	1024	true	
recipients	NVARCHAR	512	true	List of recipients if the message is emailed.

uap_invoices

The uap_invoices table is the main table for storing invoice summary details.

Field	Type	Length	Null?	Description
invoice_id	INT32		false	Unique ID generated by the system for each invoice created.
invoice_no	NVARCHAR	50	true	Invoice number entered by the user in the user interface.
vendor_id	INT32		true	
po_no	NVARCHAR	50	true	Purchase order number entered in the user interface.
due_date	DATETIME		true	Invoice due date, entered by the user.
status_code	VARCHAR	20	true	
state_code	VARCHAR	20	true	The current state of the invoice. The following values are valid. • DRAFT • PAYABLE • PAID • CANCELLED
submit_date	DATETIME		true	Invoice submitted date, entered by the user.
created_by	INT32		true	User ID of the user who created this invoice. System updates this value. This column is the foreign key to uap_users.user_id
created_date	DATETIME		true	Invoice created date and time. System updates this value.
last_mod_date	DATETIME		true	The last date the invoice was modified, including invoice line item. The system updates this value.
modified_by	INT32		true	User ID of the user who last modified this invoice, including invoice line items. The system updates this value.
notes	NVARCHAR	1024	true	

Field	Type	Length	Null?	Description
payment_terms	NVARCHAR	1024	true	
invoice_amount	FLOAT		true	
invoice_code	NVARCHAR	100	true	
payable_date	DATETIME		true	
paid_date	DATETIME		true	
sec_policy_id	INT32		true	

uap_prgrm_budget

Field	Type	Length	Null?	Description
budget_id	INT32		false	Unique ID generated by the system for each budget created.
program_id	INT32		false	
budget_total	FLOAT		true	
forecast_total	FLOAT		true	
actual_total	FLOAT		true	
committed_total	FLOAT		true	
alloc_total	FLOAT		true	
line_item_total	FLOAT		true	Version 7.4 added this column.
finalized_date	DATETIME		true	

uap_plan_budget

Field	Type	Length	Null?	Description
budget_id	INT32		false	Unique ID generated by the system for each budget created.
plan_id	INT32		false	
budget_total	FLOAT		true	
forecast_total	FLOAT		true	
actual_total	FLOAT		true	
committed_total	FLOAT		true	
alloc_total	FLOAT		true	
finalized_date	DATETIME		true	

uap_proj_budget

Field	Type	Length	Null?	Description
budget_id	INT32		false	Unique ID generated by the system for each budget created.
project_id	INT32		false	
budget_total	FLOAT		true	
forecast_total	FLOAT		true	
actual_total	FLOAT		true	

Field	Type	Length	Null?	Description
alloc_total	FLOAT		true	
line_item_total	FLOAT		true	
committed_total	FLOAT		true	
finalized_date	DATETIME		true	

uap_budgets

In general, the budget for an object is a collection of budget amounts for a specific time period. An account has budgets on a monthly basis, while plans, programs, and projects have quarterly budgets. This table contains all budgets across the system, including budgets for accounts, plans, programs, and projects.

Field	Type	Length	Null?	Description
budget_id	INT32		false	Unique ID generated by the system for each budget created.
budget_period	VARCHAR	20	true	Internal description of the budget period.
created_date	DATETIME		true	Timestamp when the account was created. System generated.
created_by	INT32		true	User ID of the user who created this account. System generated. This column is the foreign key to uap_users.user_id.
last_mod_date	DATETIME		true	Timestamp when the account was last modified. System generated.
modified_by	INT32		true	User ID of the user who last modified this account. System generated. This column is the foreign key to uap_users.user_id.

uap_accounts

This table holds the main accounts information.Columns in the uap_accounts table

Field	Type	Length	Null?	Description
account_id	INT32		false	Unique ID generated by the system for each account created.
account_code	NVARCHAR	100	false	Account code/integer.
account_desc	NVARCHAR	1024	true	Account description.
src_account_id	INT32		true	ID of the parent account.
created_date	DATETIME		true	Time stamp when the account was created, generated by the system.
created_by	INT32		true	User ID of the user who created this account, generated by the system. This column is the foreign key to uap_users.user_id.
last_mod_date	DATETIME		true	Timestamp when the account was last modified, generated by the system.

Field	Type	Length	Null?	Description
modified_by	INT32		true	User ID of the user who last modified this account, generated by the system. This column is the foreign key to uap_users.user_id.
sec_policy_id	INT32		true	ID of the security policy for this account. This column is the foreign key to uap_sec_policy.sec_policy_id.
flag_enabled	VARCHAR	1	true	
account_name	NVARCHAR	255	true	

uap_act_notify

Field	Type	Length	Null?	Description
event_type	INT32		false	
user_id	INT32		false	
account_id	INT32		false	Unique ID generated by the system for each account created.
delivery_mask	INT32		true	

uap_act_msgboard

Field	Type	Length	Null?	Description
account_id	INT32		false	Unique ID generated by the system for each account created.
msg_id	INT32		false	
post_datetime	DATETIME		true	
user_id	INT32		true	
msg_text	NVARCHAR	1024	true	
recipients	NVARCHAR	512	true	List of recipients if the message is emailed.

uap_plan_accts

Field	Type	Length	Null?	Description
plan_id	INT32		false	
account_id	INT32		false	

uap_plan_metrics

Field	Type	Length	Null?	Description
plan_id	INT32		false	
metric_id	NVARCHAR	50	false	
show_as_rollup	VARCHAR	1	false	
display_name	NVARCHAR	100	true	
display_order	INT32		true	

Field	Type	Length	Null?	Description
input_method	VARCHAR	20	true	
formula	NVARCHAR	1024	true	
units	VARCHAR	20	true	
display_format	VARCHAR	20	true	
metric_precision	INT32		true	
description	NVARCHAR	1024	true	
metric_columns	INT32		true	
metric_value1	FLOAT		true	
metric_value2	FLOAT		true	
metric_value3	FLOAT		true	
metric_value4	FLOAT		true	
metric_value5	FLOAT		true	
metric_rollup1	FLOAT		true	
metric_rollup2	FLOAT		true	
metric_rollup3	FLOAT		true	
metric_rollup4	FLOAT		true	
metric_rollup5	FLOAT		true	
metric1_nan	NVARCHAR	20	true	
metric2_nan	NVARCHAR	20	true	
metric3_nan	NVARCHAR	20	true	
metric4_nan	NVARCHAR	20	true	
metric5_nan	NVARCHAR	20	true	
planned_value	FLOAT		true	
planned_nan	NVARCHAR	20	true	
grp_id	NVARCHAR	50	true	
is_planned_value	VARCHAR	1	true	
is_visible	VARCHAR	1	true	No

uap_plan_mt_hist

Field	Type	Length	Null?	Description
metric_id	NVARCHAR	50	false	
plan_id	INT32		false	
hist_datetime	DATETIME		false	
metric_value1	FLOAT		true	
metric_value2	FLOAT		true	
metric_value3	FLOAT		true	
metric_value4	FLOAT		true	
metric_value5	FLOAT		true	
metric_rollup1	FLOAT		true	
metric_rollup2	FLOAT		true	

Field	Type	Length	Null?	Description
metric_rollup3	FLOAT		true	
metric_rollup4	FLOAT		true	
metric_rollup5	FLOAT		true	
metric1_nan	NVARCHAR	20	true	
metric2_nan	NVARCHAR	20	true	
metric3_nan	NVARCHAR	20	true	
metric4_nan	NVARCHAR	20	true	
metric5_nan	NVARCHAR	20	true	

uap_plan_msgboard

Field	Type	Length	Null?	Description
plan_id	INT32		false	Unique identifier generated by the system for each plan.
msg_id	INT32		false	Unique identifier generated by the system for the message on the message board.
post_datetime	DATETIME		true	Date the message was posted to the message board.
user_id	INT32		true	Unique identifier for the user who posted the message. This column is the foreign key to uap_user.user_id.
msg_text	NVARCHAR	1024	true	Text of the message.
recipients	NVARCHAR	512	true	List of recipients if the message is emailed.

uap_plan_notify

Field	Type	Length	Null?	Description
plan_id	INT32		false	
user_id	INT32		false	
event_type	INT32		false	
delivery_mask	INT32		true	

uap_plan_mt_cols

Field	Type	Length	Null?	Description
plan_id	INT32		false	
col_taborder	INT32		false	
col_display	NVARCHAR	100	true	
flag_target	VARCHAR	1	true	
dimension_type	VARCHAR	20	true	

uap_parea_mt_cols

Field	Type	Length	Null?	Description
col_taborder	INT32		false	Metrics display order.
plan_parea_id	INT32		false	
col_display	NVARCHAR	100	true	Display name of the metric.
flag_target	VARCHAR	1	true	Flag if this metric is a target.
dimension_type	VARCHAR	20	true	Dimension type of the metric.

uap_parea_mt_grps

Field	Type	Length	Null?	Description
grp_id	NVARCHAR	50	false	Unique identifier generated by the system for each metric group.
plan_parea_id	INT32		false	
grp_display	NVARCHAR	100	true	Display name of the metric group.
grp_display_order	INT32		true	Display order of the metric group.

uap_parea_metrics

Field	Type	Length	Null?	Description
plan_parea_id	INT32		false	
metric_id	NVARCHAR	50	false	
show_as_rollup	VARCHAR	1	false	
display_order	INT32		true	
input_method	VARCHAR	20	true	
formula	NVARCHAR	1024	true	
display_name	NVARCHAR	100	true	
units	VARCHAR	20	true	
display_format	VARCHAR	20	true	
metric_precision	INT32		true	
description	NVARCHAR	1024	true	
metric_columns	INT32		true	
metric_value1	FLOAT		true	
metric_value2	FLOAT		true	
metric_value3	FLOAT		true	
metric_value4	FLOAT		true	
metric_value5	FLOAT		true	
metric_rollup1	FLOAT		true	
metric_rollup2	FLOAT		true	
metric_rollup4	FLOAT		true	
metric_rollup3	FLOAT		true	
metric_rollup5	FLOAT		true	
metric1_nan	NVARCHAR	20	true	

Field	Type	Length	Null?	Description
metric2_nan	NVARCHAR	20	true	
metric3_nan	NVARCHAR	20	true	
metric4_nan	NVARCHAR	20	true	
metric5_nan	NVARCHAR	20	true	
planned_value	FLOAT		true	
planned_nan	NVARCHAR	20	true	
grp_id	NVARCHAR	50	true	
is_planned_value	VARCHAR	1	true	
is_visible	VARCHAR	1	true	No

uap_parea_mt_hist

Field	Type	Length	Null?	Description
metric_id	NVARCHAR	50	false	
plan_parea_id	INT32		false	
hist_datetime	TIMESTAMP		false	
metric_value1	FLOAT		true	
metric_value2	FLOAT		true	
metric_value3	FLOAT		true	
metric_value4	FLOAT		true	
metric_value5	FLOAT		true	
metric_rollup1	FLOAT		true	
metric_rollup2	FLOAT		true	
metric_rollup3	FLOAT		true	
metric_rollup4	FLOAT		true	
metric_rollup5	FLOAT		true	
metric1_nan	NVARCHAR	20	true	
metric2_nan	NVARCHAR	20	true	
metric3_nan	NVARCHAR	20	true	
metric4_nan	NVARCHAR	20	true	
metric5_nan	NVARCHAR	20	true	

uap_plan_parea

Field	Type	Length	Null?	Description
plan_parea_id	INT32		false	
plan_id	INT32		false	
prgm_area_id	INT32		false	
display_order	INT32		true	

uap_plan_prgrm

Field	Type	Length	Null?	Description
plan_id	INT32		false	
program_id	INT32		false	
plan_parea_id	INT32		true	

uap_plan_users

Field	Type	Length	Null?	Description
plan_id	INT32		false	
mem_type_id	INT32		false	
user_id	INT32		false	

uap_plan_mt_grps

This table contains details about metric groups for plans.

Field	Type	Length	Null?	Description
plan_id	INT32		false	Unique identifier generated by the system for each plan.
grp_id	NVARCHAR	50	false	Identifier for the metric group.
grp_display	NVARCHAR	100	true	Display name for the metric group.
grp_display_order	INT32		true	Display order for the metric group.

uap_plans

Field	Type	Length	Null?	Description
plan_id	INT32		false	
name	NVARCHAR	256	true	Size of the column was changed to 256 in version 7.4.0.
description	NVARCHAR	1024	true	
sec_policy_id	INT32		true	
status_code	VARCHAR	100	true	
state_code	VARCHAR	100	true	
metric_template	NVARCHAR	100	true	
created_date	DATETIME		true	
created_by	INT32		true	
last_mod_date	DATETIME		true	
fiscal_year	INT32		true	
plan_code	NVARCHAR	100	true	
bus_area_id	INT32		true	
modified_by	INT32		true	
actual_st_date	DATETIME		true	Actual start date.
actual_end_date	DATETIME		true	Actual end date.

Field	Type	Length	Null?	Description
budget_alloc_granularity	INT32		false	Specifies the budget granularity for the plan. • 0 = quarterly • 1 = monthly • 2 = weekly

uap_initiative

Field	Type	Length	Null?	Description
initiative_id	INT32		false	
name	NVARCHAR	255	true	
code	NVARCHAR	50	true	
display	NVARCHAR	1024	true	
display_no	INT32		true	
flag_enabled	VARCHAR	1	true	

uap_prgm_area

Field	Type	Length	Null?	Description
prgm_area_id	INT32		false	
name	NVARCHAR	255	true	
display	NVARCHAR	1024	true	
code	NVARCHAR	50	true	
display_no	INT32		true	
flag_enabled	VARCHAR	1	true	

uap_prgrm_metrics

Field	Type	Length	Null?	Description
program_id	INT32		false	Unique ID generated by the system for each program.
metric_id	NVARCHAR	50	false	
show_as_rollup	VARCHAR	1	false	
display_name	NVARCHAR	100	true	
display_order	INT32		true	
input_method	VARCHAR	20	true	
formula	NVARCHAR	1024	true	
units	VARCHAR	20	true	
display_format	VARCHAR	20	true	
metric_precision	INT32		true	
description	NVARCHAR	1024	true	
metric_columns	INT32		true	
metric_value1	FLOAT		true	

Field	Type	Length	Null?	Description
metric_value2	FLOAT		true	
metric_value3	FLOAT		true	
metric_value4	FLOAT		true	
metric_value5	FLOAT		true	
metric_rollup1	FLOAT		true	
metric_rollup2	FLOAT		true	
metric_rollup3	FLOAT		true	
metric_rollup4	FLOAT		true	
metric_rollup5	FLOAT		true	
metric1_nan	NVARCHAR	20	true	
metric2_nan	NVARCHAR	20	true	
metric3_nan	NVARCHAR	20	true	
metric4_nan	NVARCHAR	20	true	
metric5_nan	NVARCHAR	20	true	
planned_value	FLOAT		true	
planned_nan	NVARCHAR	20	true	
grp_id	NVARCHAR	50	true	
is_planned_value	VARCHAR	1	true	
alloc_total	FLOAT		true	
is_visible	VARCHAR	1	true	

uap_prgrm_mt_hist

Field	Type	Length	Null?	Description
metric_id	NVARCHAR	50	false	
program_id	INT32		false	Unique ID generated by the system for each program.
hist_datetime	DATETIME		false	
metric_value1	FLOAT		true	
metric_value2	FLOAT		true	
metric_value3	FLOAT		true	
metric_value4	FLOAT		true	
metric_value5	FLOAT		true	
metric_rollup1	FLOAT		true	
metric_rollup2	FLOAT		true	
metric_rollup3	FLOAT		true	
metric_rollup4	FLOAT		true	
metric_rollup5	FLOAT		true	
metric1_nan	NVARCHAR	20	true	
metric2_nan	NVARCHAR	20	true	
metric3_nan	NVARCHAR	20	true	

Field	Type	Length	Null?	Description
metric4_nan	NVARCHAR	20	true	
metric5_nan	NVARCHAR	20	true	

uap_prgrm_mt_cols

Field	Type	Length	Null?	Description
program_id	INT32		false	Unique ID generated by the system for each program.
col_taborder	INT32		false	Metrics display order.
col_display	NVARCHAR	100	true	Metric display name.
flag_target	VARCHAR	1	true	Flag if this metric is a target.
dimension_type	VARCHAR	20	true	Metric dimension type.

uap_prgrm_mt_grps

This table contains details about metric groups for programs.

Field	Type	Length	Null?	Description
program_id	INT32		false	Unique ID generated by the system for each program.
grp_id	NVARCHAR	50	false	Metric group ID.
grp_display	NVARCHAR	100	true	Metric group display name.
grp_display_order	INT32		true	Metric group display order.

uap_inv_rollup

Field	Type	Length	Null?	Description
invoice_id	INT32		false	Unique ID generated by the system for each invoice created.

uap_plan_hist

This table contains details about the plan history.

Field	Type	Length	Null?	Description
plan_id	INT32		false	Unique identifier generated by the system for each plan.
seq_no	INT32		false	Unique identifier generated by the system for each plan revision history.
user_id	INT32		true	Unique identifier of the user who modified the plan.
last_mod_date	DATETIME		true	Date on which the plan was last modified.
status_code	VARCHAR	20	true	Plan status.

Field	Type	Length	Null?	Description
comments	CLOB		true	The data type was changed from string (1024) to clob in version 9.1.0.
cur_state	VARCHAR	20	true	Current state of the plan.
prev_state	VARCHAR	20	true	Previous state of the plan.

uap_mt_threshold

Field	Type	Length	Null?	Description
metric_id	NVARCHAR	50	false	
threshold_id	VARCHAR	20	false	
min_value	FLOAT		true	
max_value	FLOAT		true	
color	VARCHAR	20	false	

uap_managed_list

Field	Type	Length	Null?	Description
list_id	INT32		false	
list_code	VARCHAR	20	true	
list_name	NVARCHAR	255	true	
list_table	VARCHAR	50	true	
key_column	VARCHAR	50	true	
description	NVARCHAR	1024	true	
flag_code_first	VARCHAR	1	true	

uap_ml_bus_area

Field	Type	Length	Null?	Description
bus_area_id	INT32		false	
code	NVARCHAR	50	true	
name	NVARCHAR	255	true	
display	NVARCHAR	305	true	
display_no	INT32		true	
flag_enabled	VARCHAR	1	true	

uap_ml_cost_cat

Field	Type	Length	Null?	Description
cost_cat_id	INT32		false	
code	NVARCHAR	50	true	
name	NVARCHAR	255	true	
display	NVARCHAR	305	true	
display_no	INT32		true	

Field	Type	Length	Null?	Description
flag_enabled	VARCHAR	1	true	

uap_ml_vendor

Field	Type	Length	Null?	Description
vendor_id	INT32		false	
code	NVARCHAR	50	true	
name	NVARCHAR	255	true	
display	NVARCHAR	305	true	
display_no	INT32		true	
flag_enabled	VARCHAR	1	true	

uap_rfqs

Field	Type	Length	Null?	Description
rfq_id	INT32		false	
name	NVARCHAR	100	true	
description	NVARCHAR	1024	true	
rfq_code	NVARCHAR	100	true	
due_date	DATETIME		true	
submitted_date	DATETIME		true	
submitted_by	INT32		true	
status_code	VARCHAR	100	true	
state_code	VARCHAR	100	true	
specification	CLOB		true	
response_form_id	NVARCHAR	100	true	
created_date	DATETIME		true	
created_by	INT32		true	
last_mod_date	DATETIME		true	
modified_by	INT32		true	
sec_policy_id	INT32		true	
fin_vendor_id	INT32		true	

uap_rfq_users

Field	Type	Length	Null?	Description
rfq_id	INT32		false	
user_id	INT32		false	
mem_type_id	INT32		false	

uap_rfq_vendor

Field	Type	Length	Null?	Description
rfq_vendor_id	INT32		false	
rfq_id	INT32		false	
vendor_id	INT32		false	
status_code	VARCHAR	20	true	
response_date	DATETIME			
comments	NVARCHAR	1024	true	

uap_rfq_notify

Field	Type	Length	Null?	Description
rfq_id	INT32		false	
user_id	INT32		false	
event_type	INT32		false	
delivery_mask	INT32		true	

uap_rfq_msgboard

Field	Type	Length	Null?	Description
rfq_id	INT32		false	
msg_id	INT32		false	
post_datetime	DATETIME		true	
user_id	INT32		true	
msg_text	NVARCHAR	1024	true	
recipients	NVARCHAR	512	true	

uap_rfq_hist

Field	Type	Length	Null?	Description
rfq_id	INT32		false	
seq_no	INT32		false	
user_id	INT32		true	
last_mod_date	DATETIME		true	
status_code	VARCHAR	20	true	
comments	NVARCHAR	1024	true	
cur_state	VARCHAR	20	true	
prev_state	VARCHAR	20	true	

uap_proj_role

Field	Type	Length	Null?	Description
project_id	INT32		false	Unique ID generated by the system for each project and project request. This column is the foreign key to uap_projects.
role_id	INT32		false	Project request role/type ID. This column is the foreign key to uap_ml_role.
role_type	INT32		false	Role type.

uap_proj_usr_role

Field	Type	Length	Null?	Description
project_id	INT32		false	Unique ID generated by the system for each project and project request.
user_id	INT32		false	Project role user ID.
role_id	INT32		false	
role_type	INT32		false	

uap_wf_role

Field	Type	Length	Null?	Description
wf_no	INT32		false	Unique ID generated by the system for each workflow step or stage. This column is the foreign key to uap_workflow.
role_id	INT32		false	Workflow task resource role/type ID. This column is the foreign key to uap_ml_role.
role_type	INT32		false	Type of the role. The following values are valid. • 1 = Team Member/Owner • 2 = Reviewer/Recipient
role_order	INT32		true	The order of the role in the approval.

uap_wf_lo_tmp

Field	Type	Length	Null?	Description
wf_no	INT32		false	
link_obj_name	NVARCHAR	100	true	
link_obj_desc	NVARCHAR	1024	true	
method	INT32		true	

uap_wf_lo_user

Field	Type	Length	Null?	Description
wf_no	INT32		false	
user_id	INT32		false	
required	VARCHAR	1	true	

uap_appr_role

Field	Type	Length	Null?	Description
approval_id	INT32		false	ID of an approval item. This column is the foreign key to uap_approvals.
role_id	INT32		false	Approval role ID.
role_type	INT32		false	Role type.
role_order	INT32		true	

uap_appr_usr_role

Field	Type	Length	Null?	Description
approval_id	INT32		false	Unique ID generated by the system for each approval item that is created by a user.
user_id	INT32		false	Approver user ID.
role_id	INT32		false	Approver role ID.
role_type	INT32		false	Role type.

uap_ml_role

Field	Type	Length	Null?	Description
role_id	INT32		false	
code	NVARCHAR	50	true	
name	NVARCHAR	255	true	
display	NVARCHAR	305	true	
display_no	INT32		true	
flag_enabled	VARCHAR	1	true	

uap_object_prefs

Field	Type	Length	Null?	Description
object_id	INT32		false	
object_type	VARCHAR	250	false	
pref_name	NVARCHAR	250	false	
pref_value	NVARCHAR	300	true	

uap_calendar_config

This table stores attributes used to control the appearance of the IBM Marketing Operations calendar. Each row determines the settings for a particular user.

Field	Type	Length	Null?	Description
show_weekends	INT32		true	Determines whether to show weekends when displaying the calendar.
first_day_of_week	INT32		true	Determines whether the week begins on Sunday (0) or Monday (1).
user_id	INT32		false	ID of the user to whom these calendar settings apply. Foreign key to uap_user.
default_layout	INT32		true	Determines the layout of the calendar. The following values are valid. • 1 = 1-month text calendar • 2 = 1-month graphical calendar • 3 = 1-week timeline • 4 = 1-month timeline • 5 = 1-quarter timeline • 6 = 1-fiscal year timeline • 7 = 1-calendar year timeline
default_entity_type	INT32		true	Determines which entities are displayed on the calendar. The following values are valid. • 1 = plans • 2 = projects • 8 = programs
default_search	INT32		true	ID for the saved search used to filter the items displayed on the calendar. This column is the foreign key to uap_search.search_id.
last_mod_date	DATETIME		true	Date on which this object was last modified.
show_timezone_offset	INT32		true	This flag determines whether to show the time-zone offset information with every user. If this flag is on, the user's timezone always displays. This column was added in 9.1.0.

uap_search

This table stores saved searches.

Field	Type	Length	Null?	Description
search_id	INT32		false	Unique ID generated by the system for each saved search.

Field	Type	Length	Null?	Description
search_criteria	CLOB		true	Criteria used to make up the saved search. The saved search is stored as an XML string, and its length is arbitrarily large.

uap_search_bulk

This table stores saved searches.

Field	Type	Length	Null?	Description
search_id	INT32		false	Unique ID generated by the system for each saved search.
name	NVARCHAR	100	true	Bulk Search name.
search_criteria	CLOB		true	Criteria used to make up the saved search. The saved search is stored as an XML string, and its length is arbitrarily large.

uap_ml_bd_type

Field	Type	Length	Null?	Description
type_id	INT32		false	
name	NVARCHAR	255	false	
code	NVARCHAR	50	true	
display	NVARCHAR	305	false	
display_no	INT32		true	
flag_enabled	VARCHAR	1	true	

uap_blackout_dates

Field	Type	Length	Null?	Description
blackout_id	INT32		false	Unique ID generated by the system, for each blackout (non-work) date.
name	NVARCHAR	255	true	Name of the blackout/non-work date.
description	NVARCHAR	1024	true	Description of the blackout/non-work date.
type_id	INT32		false	Unique ID for the blackout category for this blackout date. Foreign key into uap_ml_bd_type.type_id.
start_date	DATETIME		false	Non-work date start date.
end_date	DATETIME		false	Non-work date end date.
last_mod_date	DATETIME		false	Last modification date of the item.
is_notified	INT32		false	Not currently used.

uap_cal_color_coding

This table stores information about the attribute used for color coding the calendar.

Field	Type	Length	Null?	Description
user_id	INT32		false	ID of the user to which these calendar settings apply. Foreign key to uap_user.
entity_type_id	INT32		false	Type of entity used for color coding. The following are valid values. • 0 = project • 1 = programs • 2 = plans
cust_attr_id	NVARCHAR	255	false	ID of the attribute used for color coding.

uap_cal_view_milestones

This table stores information about displaying milestones on the calendar.

Field	Type	Length	Null?	Description
user_id	INT32		false	ID for the user for whom these calendar settings apply. Foreign key to uap_user.
milestone_type	INT32		false	Type of milestone displayed on the calendar. This column is the foreign key to uap_wf_milestones.

uap_relation_type

Field	Type	Length	Null?	Description
relation_type_id	INT32		false	
name	NVARCHAR	50	false	

uap_comp_type

This table contains details about the components in the system, suchh as business processes and marketing objects. This table contains a row for each custom component type as well as a row for each system-defined object, for example, plans and programs. When an administrator creates a marketing object type in IBM Marketing Operations, a new row is added to this table.

Field	Type	Length	Null?	Description
comp_type_id	INT32		false	Unique identifier that is generated by the system for each component.
name	VARCHAR	50	false	Name of the component.

Field	Type	Length	Null?	Description
code_module	VARCHAR	50	false	Type of the component. For built-in components (for example, projects), the value of this column is same as the value of the name column. For marketing objects, the value of this column is components.
status_code	VARCHAR	20	false	Status for the object. For example, ENABLED.
flag_has_templates	VARCHAR	1	false	Flag for whether this component has any templates defined. • 0 = no templates defined • 1 = templates defined
flag_builtin	VARCHAR	1	false	Flag for whether it is a built-in component: • 0 = no (marketing object) • 1 = yes

uap_mktgobject

This table contains information about each marketing object in the system.

Field	Type	Length	Null?	Description
mktg_object_id	INT32		false	Unique identifier generated by the system for each marketing object.
name	NVARCHAR	390	false	Name of the marketing object. The size of this column increased in version 8.6.0.
description	NVARCHAR	1536	true	Description of the marketing object. The size of this column increased in version 8.6.0.
template_name	NVARCHAR	50	false	Name of the template used to create the marketing object.
object_code	NVARCHAR	100	false	
sec_policy_id	INT32		false	
status_code	VARCHAR	20	false	Status of the marketing object.The following values are valid. • ACTIVE • DELETED
state_code	NVARCHAR	20	false	State of the marketing object. The valid values depend on the marketing object.
created_by	INT32		false	Unique identifier for the user who created the marketing object.
created_date	DATETIME		false	Date and time the marketing object was created.
modified_by	INT32		false	Unique identifier for the user who last modified the marketing object.
lastmod_date	DATETIME		false	

Field	Type	Length	Null?	Description
comp_type_name	VARCHAR	50	false	Marketing object type of the marketing object.
parent_folder_id	INT64		true	This column was added in version 8.6.0.

uap_mo_hist

This table contains details about the history of marketing objects.

Field	Type	Length	Null?	Description
mktg_object_id	INT32		false	Unique identifier generated by the system for each marketing object. This column is the foreign key to uap_mktgobject.
seq_no	INT32		false	Identifier for a history entry. The system increments the seq_no for each new history item.
user_id	INT32		false	Unique identifier for the user who modified the marketing object. This column is the foreign key to uap_user.
on_behalf_user_id	INT32		true	
last_mod_date	DATETIME		false	Date the marketing object was last modified.
status_code	VARCHAR	20	true	Status of the marketing object.
comments	CLOB		true	Revision history description.
cur_state	NVARCHAR	20	true	
prev_state	NVARCHAR	20	true	Previous state of the marketing object.

uap_mo_notify

Field	Type	Length	Null?	Description
mktg_object_id	INT32		false	Unique identifier generated by the system for each marketing object. This column is the foreign key to uap_mktgobject.
event_type	INT32		false	
user_id	INT32		false	This column is the foreign key to uap_user.
delivery_mask	INT32		false	

uap_mo_users

This table contains the basic data for all marketing object users.

Field	Type	Length	Null?	Description
user_id	INT32		false	Internal user ID for a marketing object member. This column is the foreign key to uap_user.
mktg_object_id	INT32		false	Unique identifier generated by the system for each marketing object. This column is the foreign key to uap_mktgobject.
mem_type_id	INT32		false	Marketing object member type role ID. This column is the foreign key to uap_member_type. The following values are valid. • Owner • Participant

uap_mo_msgboard

Field	Type	Length	Null?	Description
msg_id	INT32		false	Unique identifier generated by the system for marketing object message board messages.
mktg_object_id	INT32		false	
post_datetime	DATETIME		false	Date the message was posted.
user_id	INT32		false	Unique identifier for the user who posted the message. This column is the foreign key to uap_user.
msg_text	NVARCHAR	1024	true	Text of the message.
recipients	NVARCHAR	512	true	List of recipients if the message was emailed.

uap_ref_instance

This table contains a row for each source and destination object for all reference relationships.

Field	Type	Length	Null?	Description
comp_inst_id	INT32		false	Unique identifier generated by the system for each object instance.
comp_type_id	INT32		false	Identifier for the component type. This column is the foreign key into uap_comp_type.
status_code	VARCHAR	20	false	Object status. The following values are valid. • ACTIVE • DELETED
name	NVARCHAR	390	false	Name of the object. The size of this column increased in version 8.6.0.

Field	Type	Length	Null?	Description
state_code	NVARCHAR	20	false	Object state. Valid values depend on the object type.

uap_ref_meta

Field	Type	Length	Null?	Description
ref_meta_id	INT32		false	
template_id	INT32		false	
form_id	INT32		false	
field_id	VARCHAR	50	false	

uap_comp_ref

This table contains details about marketing objects that are referenced in other objects, such as projects or other marketing objects. It contains a row for each reference relationship between any two objects.

Field	Type	Length	Null?	Description
relation_type_id	INT32		false	This column is the foreign key to uap_relation_type. The following are valid values. • 1 = Modifies • 2 = References
dest_comp_id	INT32		false	Identifier for the destination object for this reference relationship.
src_comp_id	INT32		false	Identifier for the source object for this reference relationship.
src_comp_type_id	INT32		false	Component type for the destination object.
dest_comp_type_id	INT32		false	Component type for the source object.
ref_meta_id	INT32		true	If the reference is in a grid, this is the identifier for the grid.
grid_row_id	INT32		true	If the reference is in a grid, this is the identifier for the row in the grid that contains the reference.
grid_column_id	VARCHAR	255	true	If the reference is in a grid, this is the identifier for the column in the grid that contains the reference.

uap_user_tvc_pref

This table was added in version 7.3.

Field	Type	Length	Null?	Description
pref_id	INT32		false	
user_id	INT32		false	
form_id	INT32		false	

Field	Type	Length	Null?	Description
tvc_id	NVARCHAR	255	false	
group_by	NVARCHAR	255	true	
sort_by	NVARCHAR	255	true	
sort_order	INT32		true	

uap_user_tvc_columns

This table was added in version 7.3.

Field	Type	Length	Null?	Description
pref_id	INT32		false	
tvc_column_id	NVARCHAR	255	false	
order_index	INT32		false	
visible	VARCHAR	1	true	

uap_teams

This table contains information about teams.

Field	Type	Length	Null?	Description
team_id	INT32		false	Unique team identifier.
name	NVARCHAR	256	true	The team name as it appears in IBM Marketing Operations. The size of the column was changed to 256 in version 7.4.0.
description	NVARCHAR	256	true	Text description for the team.
skillsets	NVARCHAR	256	true	Free form text describing the skills for the team.
status	INT32		true	Status of the team. The following values are valid. • 1 = Enabled • 2 = Disabled • 3 = Deleted

uap_team_members

This table lists all team members, and their membership type, for each team in the system.

Field	Type	Length	Null?	Description
team_id	INT32		false	Unique identifier for the team. This column is the foreign key into uap_teams.team_id.
user_id	INT32		false	Team member ID. This column is the foreign key to uap_users.user_id.

Field	Type	Length	Null?	Description
mem_type_id	INT32		false	Member type ID of the team for this project. This column is the foreign key to uap_member_type.mem_type_id.

uap_team_security_policy

This table lists each team and the security policy that applies for that team.

Field	Type	Length	Null?	Description
team_id	INT32		false	Unique identifier for the team. This column is the foreign key into uap_teams.team_id
policy_id	INT32		false	Unique identifier for the security policy. This column is the foreign key to uap_sec_policy.sec_policy_id.

uap_team_work_model

This table lists each work routing model used by each team.

Field	Type	Length	Null?	Description
team_id	INT32		false	Team identifier for the team. For each work routing model the team uses, there is a row in this table. For example, if team 10001 uses all three work routing models, this table has three rows with the 10001 team_id. This column is the foreign key into uap_teams.team_id.
model	INT32		false	Describes the work routing model for the team. The following values are valid. • 1 = Managers can route work to members • 2 = Members can accept team-assigned tasks • 3 = Members can return team-assigned tasks back to the team

uap_team_history

This table contains details about the history of teams.

Field	Type	Length	Null?	Description
history_id	INT32		false	Unique ID generated by the system for each edit to a team.
sequence_no	INT32		false	Sequence of events for each team.

Field	Type	Length	Null?	Description
team_id	INT32		false	Unique identifier for the team. This column is the foreign key into uap_teams.team_id.
activity	INT32		true	ID for the activity that occurred for this event. The following values are valid. • 1 = team created • 2 = team deleted • 3 = team edited • 4 = team copied • 5 = team enabled • 6 = team disabled
user_id	INT32		true	User who modified the marketing object.
on_behalf_user_id	INT32		true	This column was added in version 7.4.0.
field_changed	VARCHAR	255	true	Name of the field that was edited.
old_value	NVARCHAR	256	true	Previous value for the edited field.
new_value	NVARCHAR	256	true	Replacement value for the edited field.
date_time	DATETIME		true	Date the change was made.

uap_team_task_routing

Field	Type	Length	Null?	Description
task_audit_id	INT32		false	
task_id	INT32		false	
assigned_to	INT32		true	Team ID. This column is the foreign key into uap_teams.team_id.
is_user	INT32		true	
user_team_id	INT32		true	
routed_by	INT32		true	
date_time	DATETIME		true	
state	INT32		true	
sequence_no	INT32		false	

uap_wf_teams

This table stores information about teams and users assigned to workflow tasks. This table was added in version 7.3.

Field	Type	Length	Null?	Description
wf_no	INT32		false	Unique ID generated by the system for each workflow step or stage. This column is the foreign key to uap_workflow.

Field	Type	Length	Null?	Description
team_id	INT32		false	Unique identifier for the team. This column is the foreign key into uap_teams.
user_id	INT32		false	User ID. This column is the foreign key into uap_users.

uap_proj_teams

Field	Type	Length	Null?	Description
project_id	INT32		false	Unique project identifier. This column is the foreign key to uap_projects.project_id.
team_id	INT32		false	Unique identifier for the team. This column is the foreign key to uap_teams.team_id.
mem_type_id	INT32		false	Member type ID of the team for this project. This column is the foreign key to uap_member_type.mem_type_id.

uap_proj_team_role

Field	Type	Length	Null?	Description
project_id	INT32		false	Unique project identifier. This column is the foreign key to uap_projects.project_id.
team_id	INT32		false	Unique identifier for the team. Foreign key to uap_teams.team_id.
role_id	INT32		false	Unique identifier for the role. Foreign key to uap_ml_role.role_id.
role_type	INT32		false	Role type ID.

uap_team_alert_rule

Field	Type	Length	Null?	Description
team_id	INT32		false	
mem_type_id	INT32		false	
event_type	INT32		false	
delivery_mask	INT32		false	

uap_team_notify

Field	Type	Length	Null?	Description
event_type	INT32		false	
team_id	INT32		false	Unique identifier for the team. This column is the foreign key to uap_teams.team_id.

Field	Type	Length	Null?	Description
user_id	INT32		false	This column is the foreign key to uap_users.user_id.
delivery_mask	INT32		false	

uap_trigger_defn

Field	Type	Length	Null?	Description
trigger_id	INT32		false	Unique ID for a trigger.
trigger_name	NVARCHAR	64	false	Text name for a trigger.
trigger_desc	NVARCHAR	1024	true	Text description for a trigger.
event_type	VARCHAR	32	true	
object_type	VARCHAR	32	true	
condition_class	VARCHAR	255	false	
action_class	VARCHAR	255	false	

uap_trigger_binding

Field	Type	Length	Null?	Description
trigger_id	INT32		false	This column is the foreign key into uap_trigger_defn table.
event_type	VARCHAR	32	true	
object_type	VARCHAR	32	true	
object_id	INT32		false	

uap_trigger_params

Field	Type	Length	Null?	Description
param_id	INT32		false	
trigger_id	INT32		false	Foreign key to uap_trigger_defn table.
param_name	NVARCHAR	255	false	Text name for a parameter.
param_class	VARCHAR	255	false	
param_value	NVARCHAR	1024	true	

uap_tt_triggers

Field	Type	Length	Null?	Description
template_id	INT32		false	
trigger_id	INT32		false	

uap_object_lock

This table stores information to support object locking; persistent object locking is used in clustered IBM Marketing Operations environments. This table was added in version 7.4.0.

Field	Type	Length	Null?	Description
user_id	INT32		false	The ID of the user who locked this object. This column is the foreign key to uap_user.
object_type	VARCHAR	50	false	object type; ObjecttypeEnum
object_id	INT32		false	Unique ID of the object. The table to which this is a foreign key depends on the object type.
tab_id	NVARCHAR	50	false	The ID of the tab that is locked, for example, summary or tracking. The default value, used when the object does not have tabs, is summary. You can also use this column to uniquely identify the non-tab item.
session_id	VARCHAR	200	true	HTTP session ID.
parent_object_type	VARCHAR	50	true	The object type of this object's parent. If this object does not have a parent object, the value of this column is null.
parent_object_id	INT32		true	The object ID of this object's parent object. The table to which this is a foreign key depends on the object type. If the current object does not have a parent object, the value of this column is -1.
locked_time	VARCHAR	20	true	The string value of the system timestamp for the date and time when the object was locked. The column cannot use datetime because after saving System.currentTimeMillis() to the database, the millisecond part is incorrect. This column is used to check broken lock.
host_ip	VARCHAR	15	true	IP address of the machine on which the IBM Marketing Operations server is running.
plan_server	VARCHAR	50	true	Name of the server (for WebLogic) or node (for WebSphere).
client_ip	VARCHAR	15	true	IP address of the client machine that connected to the server.
lock_owner	VARCHAR	20	true	Who requested the lock. The following values are valid. • ui • api
breakable	VARCHAR	1	true	Whether the lock is breakable. The following values are valid. • Y = Yes, breakable • N = No

Field	Type	Length	Null?	Description
lock_level	VARCHAR	20	true	The level at which to lock the object. The following values are valid. • object • tab If lock_level="object", the lock key is object type + object ID. If lock_level="tab", the lock key is object type + object ID + tab ID.
display	NVARCHAR	256	true	
object_independent	VARCHAR	1	true	

uap_team_object_routing

New in version 7.4.0. This table contains details about how teams route work.

Field	Type	Length	Null?	Description
object_audit_id	INT32		false	Unique ID generated by the system for each team routing model.
object_id	INT32		false	Object ID for the object that the team is assigned.
object_type	VARCHAR	20	true	Object type of the object on which the team is working.
assigned_to	INT32		true	
is_user	INT32		true	
user_team_id	INT32		true	
routed_by	INT32		true	
date_time	DATETIME		true	
state	INT32		true	
sequence_no	INT32		false	Sequence of events for each routing model.

uap_appr_teams

This table was added in version 7.4.0 and contains details for team approvals.

Field	Type	Length	Null?	Description
approval_id	INT32		false	Approval ID.
team_id	INT32		false	Team ID.
mem_type_id	INT32		false	

uap_appr_team_role

This table contains details about roles for team approvals. This table was added in version 7.4.0.

Field	Type	Length	Null?	Description
approval_id	INT32		false	ID of an approval item. This column is the foreign key to uap_approvals.
team_id	INT32		false	Team ID.
role_id	INT32		false	Approval role ID.
role_type	INT32		false	Role type.

uap_wf_lo_team

Field	Type	Length	Null?	Description
wf_no	INT32		false	
team_id	INT32		false	
required	VARCHAR	1	true	

uap_procedure_binding

This table contains the details for the trigger bindings that are defined in IBM Marketing Operations. This table was added in version 7.4.0.

Field	Type	Length	Null?	Description
pb_id	INT32		false	Unique ID for the trigger binding.
name	NVARCHAR	256	false	
object_type	VARCHAR	256	true	
template	NVARCHAR	256	true	
context_type	NVARCHAR	256	true	
basic_event_type	NVARCHAR	256	true	
exclusivo	VARCHAR	1	true	Boolean value to indicate whether the trigger binding is exclusive.
deferred	VARCHAR	1	true	
procedure_class	VARCHAR	255	false	

uap_lkup_manager

This table stores information for the IBM Marketing Operations Lookup Data Management module. This table was added in version 7.4.1.

Field	Type	Length	Null?	Description
map_id	INT32		false	Unique ID of the form that contains the attribute.
internal_attr_name	NVARCHAR	100	false	Internal name of the attribute that contains the list of values.
lkup_table_name	NVARCHAR	100	false	
value_id	NVARCHAR	100	false	ID of the individual value of the attribute.

uap_default_alerts

This table stores default alert messages for each locale. This table was added in version 7.5.

Field	Type	Length	Null?	Description
event_id	INT32		false	Unique identifier for the event.
locale	VARCHAR	10	false	Locale in which the message is used.
object_type	INT32		false	Object type of the event.
subject_general	CLOB		false	Subject of the alert message.
subject_exclusive	CLOB		true	Personalized subject of the alert message.
body_general	CLOB		true	Body message of the alert message.
body_exclusive	CLOB		true	Personalized body message of the alert message.

uap_customized_alerts

This table stores the alert messages customized by the user. This table was added in version 7.5.

Field	Type	Length	Null?	Description
event_id	INT32		false	This column is the primary key. Event ID.
locale	VARCHAR	10	false	This column is the primary key. Locale of the message.
template_id	INT32		false	Template ID. This column is the foreign key from uap_tt_template.
object_type	INT32		false	This column is the primary key. Object type of the event.
subject_general	CLOB		false	Subject of the alert message.
subject_exclusive	CLOB		true	Personalized subject of the alert message.
body_general	CLOB		true	Body message of the alert message.
body_exclusive	CLOB		true	Personalized body message of the alert message.

uap_cust_alert_header_footer

This table was added in version 7.5.

Field	Type	Length	Null?	Description
template_id	INT32		false	This column is the primary key. Template ID. This column is the primary key from uap_tt_template.
locale	VARCHAR	10	false	
header	CLOB		true	
footer	CLOB		true	

uap_tt_proj_req

This table stores project template request setup data. This table was added in version 7.5.

Field	Type	Length	Null?	Description
req_setup_id	INT32		false	Unique identifier generated by the system for each row in the table.
template_id	INT32		false	Template ID for the project template. This column is the foreign key to uap_tt_template.
description	NVARCHAR	300	true	The request description of the project template.
reapproval_rule	INT32		false	Template settings related to the reapproval rule.
add_del_recp	VARCHAR	1	true	Template settings related to "add/delete recipients" rights to user.

uap_recp_setting

This table stores recipient settings configured by the administrator. This table was added in version 7.5.

Field	Type	Length	Null?	Description
step_id	INT32		false	Unique identifier generated by the system for each row in the table.
template_id	INT32		false	Unique identifier for the template. This column is the foreign key to uap_tt_template.
role_id	INT32		true	Role ID for the role of the selected recipient. This column is the foreign key to uap_roles.
assignment_id	INT32		false	The method by which this recipient was assigned the request. The following values are valid. • R = Requester Assigned • A = Admin Assigned • U = Rule Assigned
user_id	INT32		true	If recipient was added by admin, then that user ID would be in this column.
team_id	INT32		true	If recipient was added by admin, then that team ID would be in this column.
rule_id	INT32		true	Unique identifier for the rule that assigned the recipient. This column is the foreign key to uap_template_rule.
duration	VARCHAR	20	false	Duration for the reviewer step.
required	VARCHAR	1	true	Whether the recipient is required or optional.

Field	Type	Length	Null?	Description
sequence	INT32		false	Sequence of the recipient.
proj_owner	VARCHAR	1	true	Whether this recipient will become the project owner.
instructions	NVARCHAR	1024	true	Instructions for reviewers by admin.

uap_proj_recp

This table stores recipients settings while creating project requests. This table was added in version 7.5.

Field	Type	Length	Null?	Description
step_id	INT32		false	Unique identifier generated by the system for each recipient step.
project_id	INT32		true	Unique identifier for the project that contains this recipient step. This column is the foreign key to uap_projects.
assignment_type	INT32		true	Type of assignment.
role_id	INT32		true	This column is the foreign key to uap_ml_role. Where multiple roles are added.
rule_id	INT32		true	This column is the foreign key from rule table.
duration	VARCHAR	1024	false	Duration for the recipient step.
sequence	INT32		false	Sequence of recipient.
required	VARCHAR	1	true	Whether recipient is required or optional.
proj_owner	VARCHAR	1	true	Whether recipient will become project owner.
instructions	NVARCHAR	1024	true	Instructions for recipient by admin or by request owner.
submitted_date	DATETIME		true	Date on which request is submitted to recipient for response.
accept_deny	VARCHAR	1	true	Recipient's reply (accepted or denied) to the project request.The following values are valid. • accepted • denied
user_comments	CLOB		true	Comments entered by the recipient while responding to the request. The data type was changed to CLOB in version 9.0.0.
responded_date	DATETIME		true	Date on which recipient submitted the response.
scheduled_due_date	DATETIME		true	Due date for the response of the recipient. This date is calculated based on the submitted date and the duration of the recipient step.

uap_tt_wf_rule

This table stores recipients rules configured by the administrators. This table was added in version 7.5.

Field	Type	Length	Null?	Description
rule_id	INT32		false	Unique identifier generated by the system for each recipients rule.
template_id	INT32			
rule_xml	CLOB		false	

uap_template_function

This table stores the template-level functions. These functions map to functions defined in uap_function. This table was added in version 7.5.

Field	Type	Length	Null?	Description
template_function_id	INT32		false	
function_id	INT32		false	
template_id	INT32		false	
object_type	VARCHAR	100	false	
map_id	INT32		false	

uap_tt_role_member_type_map

This table was added in version 7.5.

Field	Type	Length	Null?	Description
role_id	INT32		false	
template_id	INT32		false	
flag_team_mem	VARCHAR	1	false	
object_type	VARCHAR	20	false	
mem_type_id	INT32		false	

uap_tt_workflow_template

Field	Type	Length	Null?	Description
workflow_id	INT32		false	
name	NVARCHAR	50	false	
taskcode_prefix	NVARCHAR	100	true	
status_flag	INT32		false	
created_date	DATETIME		true	
last_mod_date	DATETIME		true	

uap_user_grid_pref

This table stores user preferences for the editable grid component. This table was added in version 7.5.

Field	Type	Length	Null?	Description
user_id	INT32		false	User ID of the user that stored the preferences. This column is the primary key from uap_user.
form_id	INT32		false	Form ID of the form that contains the grid. This column is the primary key from uap_tt_map.
tvc_id	NVARCHAR	255	false	A unique identifier that distinguishes among multiple grids on the same form.
pref_mode	NVARCHAR	10	false	The mode for which preferences were saved. The following values are valid. • view • edit As of version 7.5 only view mode preferences can be saved.
pref_value	CLOB		true	The CLOB column that stores the user preferences value. The user preferences value is stored as XML.

uap_mcm_annotations

This table stores attributes common to all types of annotations. This table was added in version 7.5.0.

Field	Type	Length	Null?	Description
annotation_id	INT32		false	ID of the annotation.
author	INT32		false	User ID of plan user who created the annotation. This column is the primary key from uap_user.
body	NVARCHAR	1024	false	The text of the annotation.
coordinate_id	INT32		false	The positioning of this annotation. This column is the primary key from uap_mcm_coordinates.
heading	NVARCHAR	150	false	The title of the annotation.
created_date	DATETIME		false	The date that the annotation was created.
last_modified	DATETIME		true	The last date on which the annotation was modified.
last_modified_user	INT32		true	The user ID of person who last modified the annotation. This column is the primary key from uap_user.
last_updated_desc	NVARCHAR	1024	true	

Field	Type	Length	Null?	Description
active	INT32		false	A filter criteria. The following values are valid. • 0=Archived • 1=Active
mcm_source_id	NVARCHAR	100	false	The approval_id + document_id + page no. Each page of the document is a source and can have annotations.
parent_id	INT32		false	Annotations can have a hierarchy of nested replies. Each reply points to its parent. The value is -1 for the first (topmost) annotation.
top_most_parent_id	INT32		false	This column points to the topmost parent invitation. It is useful to identify all the nested replies of an annotations at the same time, for example, if you need to delete them. The value is -1 for the first (topmost) annotation.
annotation_type	INT32		false	• Note = 1 • Scribble = 2

uap_mcm_attachments

Table stores the attachments linked to annotations. Even replies can have attachments. This table was added in version 7.5.0.

Field	Type	Length	Null?	Description
attachment_id	INT32		false	
content_type	NVARCHAR	128	false	
original_file_name	NVARCHAR	1024	false	
annotation_id	INT32		false	

uap_mcm_coordinates

This table stores the coordinates of annotations that can be positioned. It was added in version 7.5.0.

Field	Type	Length	Null?	Description
coordinate_id	INT32		false	The ID of the coordinate.
x float	NOT_NULL			
y float	NOT_NULL			
tau float	ALLOW_NULL			

uap_mcm_scribble

This table stores the strokes for annotations of the type of scribble or free draw. This table was added in version 7.5.0.

Field	Type	Length	Null?	Description
scribble_id	INT32		false	The ID of the scribble.
sigma	CLOB		true	
annotation_id	INT32		false	

uap_mcm_todo

This table stores attributes specific to ToDo type of annotations. This table was added in version 10.0.0.

Field	Type	Length	Null?	Description
annotation_id	INT32		false	ID of the annotation.
assignee	INT32		false	User ID of plan user who is the assignee of the annotation. This column is the primary key from uap_user.
due_date	DATETIME		true	The due date of the annotation.
status	NVARCHAR	20	false	The status of this annotation.
comments	NVARCHAR	1024	false	The comments of the annotation.

uap_costitem_ext_col

This table stores information about text-only columns that template administrators add to the Budget tab line item tables for programs and projects. This table was added in version 8.0.

Field	Type	Length	Null?	Description
ext_col_id	INT32		false	Unique identifier that is generated by the system for this column.
name	NVARCHAR	25	false	Label of the column.
status	INT32		false	Flag for whether the column is enabled. The following values are valid. • 1 = Enabled • 2 = Disabled

uap_costitem_ext_col_val

This table stores the values that users enter in any additional text-only columns that template administrators add to the Budget tab line item tables for programs or projects. Values that are entered in the standard columns of line item tables are stored in either the uap_proj_cost_item or uap_prgm_cost_item table.

Field	Type	Length	Null?	Description
object_type	VARCHAR	10	false	
object_id	INT32		false	Unique identifier for a program or project.

Field	Type	Length	Null?	Description
cost_item_id	INT32		false	Unique identifier for a row in the line items table. Foreign key to uap_proj_cost or uap_prgm_cost.
version_id	INT32		false	Version ID. This column is the foreign key to uap_proj_cost or uap_prgm_cost.
ext_col_id	INT32		false	Unique identifier for the additional column. This column is the foreign key to uap_costitem_ext_col.
value	NVARCHAR	150	false	Value that is entered by the user in the column.

uap_deleted_tcs_rows

This table stores the cell IDs of published rows in a Target Cell Spreadsheet deleted since the TCS was last published. The next time the TCS is published, IBM Marketing Operations sends the rows in this table for that project to IBM Campaign for deletion. If the deletion is successful, Marketing Operations then deletes those rows from this table.This table was added in version 8.0.

Field	Type	Length	Null?	Description
uap_tcs_cell_id	INT64		false	Identifier for the deleted cell in the TCS.
uap_project_id	INT32		false	Unique identifier for the project that contains the TCS.

uap_campaign_std_attributes

This table stores the values for the default campaign attributes for each campaign project. The table does not have the campaign name or campaign code, which are identical to the project name and project code. The project name and project code are stored in the table uap_projects.

Field	Type	Length	Null?	Description
project_id	INT32		false	Unique identifier for the campaign project. This column is the foreign key to uap_projects.
description	NVARCHAR	1024	true	Description of the campaign.
start_date	DATETIME		true	Start date of the campaign.
end_date	DATETIME		true	End date of the campaign.
objective	NVARCHAR	1024	true	Objective of the campaign.
initiative	NVARCHAR	255	true	Initiative of the campaign.
security_policy_id	INT32		true	Unique identifier of the security policy for the campaign.
security_policy_name	NVARCHAR	192	true	Name of the security policy for the campaign.

uap_campaign_offers

This table stores information about offers and offer lists coming from IBM Campaign. The table is populated when a user selects one or more offers from the offer dialog in the Target Cell Spreadsheet and saves the changes. The table is updated when the TCS is published if the publish TCS call returns an updated name for an offer or offer list. This table was added in version 8.0.

Field	Type	Length	Null?	Description
offer_gen_id	INT32		false	Unique identifier generated by Marketing Operations for the offer.
uac_offer_id	INT64		true	Unique identifier of the offer in Campaign
offer_name	NVARCHAR	390	true	Name of the offer.
offer_code	NVARCHAR	50	true	Code of the offer.
offer_type	INT32		true	Type of offer: offer or offer list.
partition_id	NVARCHAR	256	false	Stores the partition of the selected offer. The size of this column increased in version 8.6.0.

uap_campaign_offer_ref

This table is the junction table between the offer assigned to a row in the Target Cell Spreadsheet and the uap_campaign_offers table.

Field	Type	Length	Null?	Description
dest_offer_gen_id	INT32		false	Unique identifier generated by Marketing Operations for the offer. Refers to the uap_campaign_offers table.
src_project_id	INT32		false	Unique identifier of the source project.
grid_row_id	INT32		false	Unique identifier of the row in the TCS for which the offer is assigned.

lkup_flowchart_run_type_en_us

This table stores the en_us display text for each run type received from IBM Campaign. This table was added in version 8.0.

Field	Type	Length	Null?	Description
run_type_id	INT32		false	Unique identifier for the run type.
run_type_value	NVARCHAR	30	false	Internal name for the run type.
run_type_text	NVARCHAR	50	false	Localized display text for the run type.

lkup_flowchart_run_type_en_gb

Field	Type	Length	Null?	Description
run_type_id	INT32		false	

Field	Type	Length	Null?	Description
run_type_value	NVARCHAR	30	false	
run_type_text	NVARCHAR	50	false	

lkup_flowchart_run_type_fr_fr

Field	Type	Length	Null?	Description
run_type_id	INT32		false	
run_type_value	NVARCHAR	30	false	
run_type_text	NVARCHAR	50	false	

lkup_flowchart_run_type_de_de

Field	Type	Length	Null?	Description
run_type_id	INT32		false	
run_type_value	NVARCHAR	30	false	
run_type_text	NVARCHAR	50	false	

lkup_flowchart_run_type_es_es

Field	Type	Length	Null?	Description
run_type_id	INT32		false	
run_type_value	NVARCHAR	30	false	
run_type_text	NVARCHAR	50	false	

lkup_flowchart_run_type_pt_br

Field	Type	Length	Null?	Description
run_type_id	INT32		false	
run_type_value	NVARCHAR	30	false	
run_type_text	NVARCHAR	50	false	

lkup_flowchart_run_type_it_it

Field	Type	Length	Null?	Description
run_type_id	INT32		false	
run_type_value	NVARCHAR	30	false	
run_type_text	NVARCHAR	50	false	

lkup_flowchart_run_type_ja_jp

Field	Type	Length	Null?	Description
run_type_id	INT32		false	
run_type_value	NVARCHAR	30	false	
run_type_text	NVARCHAR	50	false	

lkup_flowchart_run_type_ko_kr

Field	Type	Length	Null?	Description
run_type_id	INT32		false	
run_type_value	NVARCHAR	30	false	
run_type_text	NVARCHAR	50	false	

lkup_flowchart_run_type_zh_cn

Field	Type	Length	Null?	Description
run_type_id	INT32		false	
run_type_value	NVARCHAR	30	false	
run_type_text	NVARCHAR	50	false	

lkup_flowchart_run_type_zh_tw

This table stores the Traditional Chinese language (zh_tw) display text for each run type that is received from IBM Campaign. This table was added in version 9.1.1.

Field	Type	Length	Null?	Description
run_type_id	INT32		false	Unique identifier for the run type.
run_type_value	NVARCHAR	30	false	Internal name for the run type.
run_type_text	NVARCHAR	50	false	Localized display text for the run type.

lkup_flowchart_run_type_ru_ru

This table stores the Russian language (ru_ru) display text for each run type that is received from IBM Campaign. This table was added in version 8.6.

Field	Type	Length	Null?	Description
run_type_id	INT32		false	Unique identifier for the run type.
run_type_value	NVARCHAR	30	false	Internal name for the run type.
run_type_text	NVARCHAR	50	false	Localized display text for the run type.

uap_ml_milestone

This table was added in version 8.1.0. Columns in the uap_ml_milestone table

Field	Type	Length	Null?	Description
milestone_id	INT32		false	This column is the primary key for milestone entry.
code	NVARCHAR	50	false	User-defined code for the milestone.
name	NVARCHAR	255	true	Name of the milestone.

Field	Type	Length	Null?	Description
display	NVARCHAR	305	true	Display format of the milestone: name-code or code-name.
display_no	INT32		true	Sequence number.
flag_enabled	VARCHAR	1	true	The following values are valid. • 1 = enabled • 0 = disabled

uap_budget_alloc_version

This table was added in version 8.2.0.

Field	Type	Length	Null?	Description
budget_alloc_version_id	INT32		false	This column is the primary key for a budget allocation version.
owner_object_id	INT32		false	The plan, program, or project id that owns this allocation version.
owner_object_type	VARCHAR	50	false	The object type to which this allocation version belongs: project, program, or plan.
fiscal_year	INT32		false	The fiscal year for which this version was created.
version_label	NVARCHAR	50	false	The name of the version as provided by the user.
state_code	VARCHAR	20	false	Status of the version. The following values are valid. • NON_FINALIZED • ACTIVE • FINALIZED
approved	INT32		true	Indicates whether this budget version is approved. This column was not used in version 8.2.0. It is reserved for future usage.
created_date	DATETIME		true	Creation date of this version.
created_by	INT32		true	ID of the user who created this version.
last_mod_date	DATETIME		true	Date of the last modification.
modified_by	INT32		true	ID of the user who made the last modification.

uap_budget_period

This table tracks of budget periods across financial year. This table was added in version 8.2.0.Note that quarter_id, month, and week values denote the relative values within a fiscal year, so a month value of 0 does not necessarily mean January. A month value of 0 indicates the first month of the fiscal year. The quarter, month, and week representations in this table are relative. These values are not the absolute calendar values.

Field	Type	Length	Null?	Description
budget_period_id	INT32		false	This column is the primary key for a budget period.
fiscal_year	INT32		false	The fiscal year.
quarter_id	INT32		false	The quarter of the fiscal year; if budget granularity is quarterly, valid values are 0, 1, 2, and 3. If the granularity is not quarterly, the value is -1.
month	INT32		false	The month of the fiscal year. If the budget granularity is monthly, valid values are 0 through 11. If the granularity is not monthly, the value is -1.
week	INT32		false	The week of the fiscal year. If the budget granularity is weekly, valid values are 0 through 52. If the granularity is not weekly, the value is -1.
period_granularity	INT32		false	A flag that denotes the period granularity. The following values are valid. • 0 = quarterly • 1 = monthly • 2 = weekly

uap_budget_spend

This table tracks committed, forecasted, and actual spending. This table was added in version 8.2.0.

Field	Type	Length	Null?	Description
budget_id	INT32		false	The budget_id of the object for which the spending amount is being tracked.
budget_period_id	INT32		false	The budget_period to which this spending can be attributed. This column is the foreign key reference to uap_budget_period, budget_period_id.
forecast_amt	FLOAT		true	Predicted spending incurred going forward.
committed_amt	FLOAT		true	Represents the amounts that are committed to be spent.
actual_amt	FLOAT		true	Funds already spent.

uap_budget_allocation

This table tracks allocations to various objects for different budget periods in different budget allocation versions. Version 8.2 added this table.For example, the alloc_amt values are populated for child values of the object, but not for the object itself. For example, a plan with budget_id 101 and version_id 121 has a child

program with budget_id 105. An allocation of 1000 is made to the plan and 500 to the child program in all of these quarters: 107, 108, 109, 110.In this example, the entries would be as follows.

Field	Type	Length	Null?	Description
budget_id	INT32		false	Budget ID of the object.
budget_alloc_version_id	INT32		false	Budget version to which this allocation belongs. This column is the foreign key reference to uap_budget_alloc_version, budget_alloc_version_id.
budget_period_id	INT32		false	The budget period for which this allocation is being made. This column is the foreign key reference to uap_budget_period, budget_period_id.
budget_amt	FLOAT		true	Signals if the budget is self-assigned or comes from parent object.
alloc_amt	FLOAT		true	Represents the allocation that is made by an object to its child. This value would always be 0 when budget_amt and line_item_amt are populated.
line_item_amt	FLOAT		true	Represents the amount that an object reserves for its own usage out of its budgeted amount.

uap_tt_budget_rule

The table holds the budget rules that are defined in the object templates. This table was added in IBM Marketing Operations version 8.5.0 to support budget approvals.

Field	Type	Length	Null?	Description
template_id	INT32		false	The ID of the template in which the approval rule is defined.
rule_id	INT32		false	The ID of the rule that is created in the rules table.

uap_tt_me_metrics

This table holds the metrics created in the metric editor. It was created in version 8.5.0.

Field	Type	Length	Null?	Description
metric_id	INT32		false	The internal ID of the metric.
internal_name	NVARCHAR	50	false	The internal name of the metric.
display_key	NVARCHAR	100	true	The key of the display name of the metric used in the property file for localization.
display_name	NVARCHAR	100	false	The name of the metric entered by the user.

Field	Type	Length	Null?	Description
description_key	NVARCHAR	100	true	The description key of the metric used in the property file for localization.
description	NVARCHAR	300	true	The description of the metric entered by the user.
unit_type	VARCHAR	20	false	The data type of the metric.
display_format	VARCHAR	5	false	The display format for the value of the metric.
precision	INT32		false	The decimal precision of the value.

uap_tt_me_metrics_group

This table holds the metric groups created in the metric editor. It was created in version 8.5.0.

Field	Type	Length	Null?	Description
group_id	INT32		false	The internal ID of the group.
internal_name	NVARCHAR	50	false	The internal name of the group.
display_key	NVARCHAR	100	true	The display key of the group used in the property file for localization.
display_name	NVARCHAR	100	false	The name of the group entered by the user.
description_key	NVARCHAR	100	true	The description key of the group used in the property file for localization.
description	NVARCHAR	300	true	The description of the group entered by the user.

uap_tt_me_metrics_group_ref

This table holds the association of the groups with the template and the group display order. It was created in version 8.5.0.

Field	Type	Length	Null?	Description
template_id	INT32		false	The internal ID of the metric template.
group_id	INT32		false	The internal ID of the associated group.
tab_order	INT32			The display order for the tabs in the template.

uap_tt_me_metrics_template

This table holds the metric templates created in the metric editor. It was created in IBM Marketing Operations version 8.5.0.

Field	Type	Length	Null?	Description
template_id	INT32		false	The internal ID of the metrics template.
internal_name	NVARCHAR	50	false	The internal name of the metrics template.
display_key	NVARCHAR	100	true	The key of the template display name used in the property file for localization.
display_name	NVARCHAR	100	false	The name of the metrics template entered by the user.
description_key	NVARCHAR	100	true	The description key of the template used in the property file for localization.
description	NVARCHAR	300	true	The description of the metrics template entered by the user.
type	VARCHAR	20	false	The type of the metrics template. The following are valid values. • 1 = PLAN • 2 = PROJECT • 8 = PROGRAM • -1 = LEGACY

uap_tt_me_metrics_dimension

This table holds metric dimensions created in the metric editor. It was created in version 8.5.0.

Field	Type	Length	Null?	Description
dimension_id	INT32		false	The internal ID of the metric dimension.
internal_name	NVARCHAR	50	true	The internal name of the metric dimension.
display_key	NVARCHAR	100	true	The key of the metric dimension used in the property file for localization.
display_name	NVARCHAR	100	false	The name of the metric dimension entered by the user.
description_key	NVARCHAR	100	true	The description key of the metric dimension used in the property file for localization.
description	NVARCHAR	300	true	The description of the metric dimension entered by the user.
type	VARCHAR	20	false	The type of the metric dimension. The following are valid values. • TARGET • ACTUAL • OTHER
tab_order	INT32			The display order for the tabs in the metric dimension.

uap_tt_me_metrics_ref

This table holds association of the metric template groups. It was created in version 8.5.0.

Field	Type	Length	Null?	Description
template_id	INT32		false	The internal ID of the metric template.
group_id	INT32		false	The internal ID of the associated group.
metric_id	INT32		false	The internal ID of the metric associated with the group in the template.
is_formula	INT32		false	Specifies whether the field value is computed internally by a formula or by the user. The following are valid values. • 1 = computed by formula • 0 = user input
formula	NVARCHAR	1000	true	If is_formula is set to 1, then this column contains the actual formula.
is_planned	INT32		false	A flag to specify whether the metric is planned. The following are valid values. • 1 = Yes • 0 = No
is_rollup	INT32		false	A flag to specify whether the metric is rolled up. The following are valid values. • 1 = Yes • 0 = No
tab_order	INT32		false	The display order of the metrics within the group in the template.

uap_offer_attributes

This table holds the standard offer attributes associated with an offer created in IBM Marketing Operations. It was created in version 8.5.0.

Field	Type	Length	Null?	Description
mktg_object_id	INT32		false	The internal ID of the marketing object that is assigned to the offer.
campaign_sec_policy_id	INT32		false	The ID of the IBM Campaign security policy that is assigned to the offer.
campaign_sec_policy_name	NVARCHAR	256	false	The name of the IBM Campaign security policy that is assigned to the offer. Version 8.6 increased the size and permitted null values.
offer_code_1	NVARCHAR	40	true	Offer code 1.
offer_code_2	NVARCHAR	40	true	Offer code 2.

Field	Type	Length	Null?	Description
offer_code_3	NVARCHAR	40	true	Offer code 3.
offer_code_4	NVARCHAR	40	true	Offer code 4.
offer_code_5	NVARCHAR	40	true	Offer code 5.
campaign_offer_id	INT64		true	The ID assigned to the offer by IBM Campaign.
is_approved	INT32		true	A flag which specifies whether the offer is approved.
is_offer_list	NVARCHAR	1	true	This column was added in version 8.6.0.
is_smart_list	NVARCHAR	1	true	This column was added in version 8.6.0.
partition_id	NVARCHAR	256	true	This column was added in version 8.6.0.
include_subfolder	INT32		true	This column was added in version 8.6.0.
offer_list_limit	INT32		true	This column was added in version 8.6.0.
cm_client_id	VARCHAR	100	true	The IBM Digital Recommendations client ID associated with the offer. This column is the foreign key to uap_ml_cm_clients.cm_client_id. This column was added in version 9.0.
cm_category_id	VARCHAR	200	true	The IBM Digital Recommendations category ID selected for the offer. This column was added in version 9.0.
cm_category_name	NVARCHAR	200	true	The IBM Digital Recommendations category name that is selected for the offer. This column was added in version 9.0.

uap_offer_suppression

This table holds the offer suppression attributes associated with an offer created in IBM Marketing Operations. It was created in version 10.0.0

Field	Type	Length	Null?	Description
OfferID	INT64		false	The internal ID of the offer that is assigned to the offer.
SuppressionType	INT32		false	The type of suppression (ACCEPT=1, REJECT=2, CONTACT=3).
ResponseTypeCode	NVARCHAR	64	true	The code of the response type.
EventCount	INT32		true	Used only if the suppression type is CONTACT (else equals to 1).
AttributeID	INT64		true	The attribute ID.
StringValue	NVARCHAR	1024	true	The value of attribute (if the attribute is of type String).

Field	Type	Length	Null?	Description
NumberValue	FLOAT		true	The value of attribute (if the attribute is of type Number).
DatetimeValue	DATETIME		true	The value of attribute (if the attribute is of type Date).
SuppressionDuration	INT32		true	Number of day(s).

uap_tt_offer_template

This table holds the offer attributes associated with an offer template in IBM Marketing Operations. It was created in version 8.5.0.

Field	Type	Length	Null?	Description
template_id	INT32		false	This column specifies the offer template ID.
offer_code_format_1	NVARCHAR	32	true	Offer code format 1.
offer_code_format_2	NVARCHAR	32	true	Offer code format 2.
offer_code_format_3	NVARCHAR	32	true	Offer code format 3.
offer_code_format_4	NVARCHAR	32	true	Offer code format 4.
offer_code_format_5	NVARCHAR	32	true	Offer code format 5.
treatment_code	NVARCHAR	192	true	The offer treatment code. In version 8.6.0, the size of this column increased.
treatment_code_gen_class	NVARCHAR	750	true	The treatment code generator for the offer template. In version 8.6.0, the size of this column increased.
template_published	NVARCHAR	1	true	A flag that specifies whether the template is published. • Y = yes • N = no
offer_code_pid_class	NVARCHAR	750	true	The offer code generator for the offer template. In version 8.6.0, the size of this column increased.
campaign_sec_policy_id	INT64			The ID of the IBM Marketing Operations security policy that is assigned to the offer template.
campaign_sec_policy_name	NVARCHAR	256	true	The name of the IBM Marketing Operations security policy that is assigned to the offer template. In version 8.6.0, the size of this column increased.
campaign_template_id	INT64			The ID assigned to the template in IBM Marketing Operations.
offer_list_template	NVARCHAR	1	true	This column was added in version 8.6.0.
coremetrics_integrated_flag	INT32		true	Indicates whether optional integration with IBM Digital Recommendations is enabled for the offer template. This column was added in 9.0.

Field	Type	Length	Null?	Description
coremetrics_url	VARCHAR	200	true	The URL of an IBM Digital Recommendations instance. Added in 9.0.

uap_version

Field	Type	Length	Null?	Description
current_version	VARCHAR	20	false	

uap_ui_tabset

Field	Type	Length	Null?	Description
tabset_id	INT32		false	
tabset_name	NVARCHAR	30	true	
object_type	NVARCHAR	520	true	
tabset_title	NVARCHAR	60	true	
is_visible	VARCHAR	1	false	Defaults to Y=Yes.

uap_ui_tabset_item

Field	Type	Length	Null?	Description
tabset_id	INT32		false	This column is the foreign key to uap_ui_tabset.
tabset_item_id	INT32		false	
tab_order	INT32		true	
item_name	NVARCHAR	30	true	
item_type	NVARCHAR	20	true	
xpos	INT32		true	
width	INT32		true	
height	INT32		true	
visible	VARCHAR	1	true	
divider	VARCHAR	1	true	
is_grid	VARCHAR	1	true	
selected	VARCHAR	1	true	
tab_group	NVARCHAR	30	true	
display	NVARCHAR	200	true	
icon_img	NVARCHAR	200	true	
img_id	NVARCHAR	30	true	
map_id	NVARCHAR	30	true	
display_id	NVARCHAR	30	true	
help_tip	NVARCHAR	200	true	
discriminator	VARCHAR	1	false	

Field	Type	Length	Null?	Description
is_visible	VARCHAR	1	false	Defaults to Y. The following values are valid. • Y = Yes • N = No

uap_ui_menu

Field	Type	Length	Null?	Description
menu_id	INT32		false	
menu_name	NVARCHAR	30	true	
object_type	NVARCHAR	520	true	
is_visible	VARCHAR	1	false	Defaults to Y. The following values are valid. • Y = Yes • N = No

uap_ui_menu_item

Field	Type	Length	Null?	Description
menu_id	INT32		false	This column is the foreign key to uap_ui_menu.
menu_item_id	INT32		false	
menu_item_name	NVARCHAR	40	true	
tab_order	INT32		true	
tab_id	NVARCHAR	30	true	
style	NVARCHAR	200	true	
display	NVARCHAR	200	true	
attribute_id	NVARCHAR	30	true	
is_grid	VARCHAR	1	true	
map_id	NVARCHAR	30	true	
item_type	NVARCHAR	20	true	
is_visible	VARCHAR	1	false	Defaults to Y. The following values are valid. • Y = Yes • N = No

uap_ui_column

Field	Type	Length	Null?	Description
column_id	INT32		false	
column_name	NVARCHAR	40	true	
display	NVARCHAR	200	true	
tooltip	NVARCHAR	200	true	
object_type	NVARCHAR	520	true	

Field	Type	Length	Null?	Description
is_visible	VARCHAR	1	false	Defaults to Y. The following values are valid. • Y = Yes • N = No

uap_list_filter

Field	Type	Length	Null?	Description
filter_id	INT32		false	
filter_item_name	NVARCHAR	40	true	
display	NVARCHAR	200	true	
item_value	NVARCHAR	200	true	
item_type	VARCHAR	1	true	The following values are valid. • T = Filter Text • A = Filter Attribute
object_type	NVARCHAR	520	true	
is_visible	VARCHAR	1	false	Defaults to Y. The following values are valid. • Y = Yes • N = No

uap_list_columns

Field	Type	Length	Null?	Description
column_list_id	INT32		false	
row_style	INT32		true	
suppress_chkbox	VARCHAR	1	true	
object_type	NVARCHAR	520	true	
is_visible	VARCHAR	1	false	Defaults to Y. The following values are valid. • Y = Yes • N = No

uap_list_column

Field	Type	Length	Null?	Description
column_list_id	INT32		false	This column is the foreign key to uap_list_columns.
column_id	INT32		false	
column_name	NVARCHAR	40	true	
tab_order	INT32		true	
column_type	NVARCHAR	30	true	
header_text	NVARCHAR	200	true	
help_tip	NVARCHAR	200	true	

Field	Type	Length	Null?	Description
style	NVARCHAR	200	true	
default_sort	VARCHAR	1	true	
is_visible	VARCHAR	1	false	Defaults to Y. The following values are valid. • Y = Yes • N = No

uap_offers_job_import

Field	Type	Length	Null?	Description
job_id	INT32		false	
partition_id	NVARCHAR	256	true	
start_date	DATETIME		true	
end_date	DATETIME		true	
total_offer_template_count	INT32		true	
total_offer_folder_count	INT32		true	
total_offer_count	INT32		true	
total_offer_list_count	INT32		true	
imported_offer_template_count	INT32		true	
imported_offer_folder_count	INT32		true	
imported_offer_count	INT32		true	
imported_offer_list_count	INT32		true	
updated_offer_count	INT32		true	
updated_offer_list_count	INT32		true	
status	NVARCHAR	50	true	
failure_reason	NVARCHAR	1024	true	

uap_offers_job_messages

This table was added in version 8.6.0.

Field	Type	Length	Null?	Description
job_id	INT32		false	
message_code	NVARCHAR	50	true	
message_level	NVARCHAR	50	true	
obj_type	NVARCHAR	50	true	
failed_object	NVARCHAR	1024	true	
dependent_type	NVARCHAR	50	true	
dependents	CLOB		true	
message	CLOB		true	

uap_offers_import

This table was added in version 8.6.0.

Field	Type	Length	Null?	Description
offer_import_id	INT32		false	
job_id	INT32		false	
partition_id	NVARCHAR	256	false	
comp_type	NVARCHAR	50	false	
campaign_id	INT64		false	
umo_id	INT64		false	
status	NVARCHAR	20	true	

uap_object_folder

This table stores the folder IDs for offer folders in systems integrated with IBM Campaign. This table was added in version 8.6.

Field	Type	Length	Null?	Description
folder_id	INT64		false	
campaign_folder_id	INT64		true	
folder_name	NVARCHAR	765	false	
description	NVARCHAR	1024	true	
parent_folder_id	INT64		true	
object_type	INT32		true	
campaign_sec_policy_id	INT64		false	
campaign_sec_policy_name	NVARCHAR	256	false	
partition_id	NVARCHAR	256	false	
created_date	DATETIME		true	
created_by	INT32		true	
last_mod_date	DATETIME		true	
modified_by	INT32		true	

uap_outofoffice_setting

Field	Type	Length	Null?	Description
outofoffice_setting_id	INT32		false	This column is the primary key for out of office delegation settings.
is_on	INT32		false	Defaults to 0.
user_id	INT32		true	User ID of the person setting out of office delegation.
workflow_delegate_user_id	INT32		true	User ID of the person delegated to handle workflow and approval tasks.
approval_delegate_user_id	INT32		true	User ID of the person delegated to handle stand-alone approvals and budget approvals.

Field	Type	Length	Null?	Description
request_delegate_user_id	INT32		true	User ID of the person delegated to handle project requests.
comments	NVARCHAR	255	true	User-defined text to send with delegated tasks.
status	NVARCHAR	20	true	
created_date	DATETIME		true	Creation date.
modified_date	DATETIME		true	Date of the last modification.
dg_prj_req	INT32		false	Delegate a project request: Either of the values 0,1 or 2 assigned for Do not auto-delegate, Auto-delegate all or Auto-delegate selected respectively.
dg_sta_appr_n_bdg_appr	INT32		false	Delegate standalone approvals and budget approvals:Either of the values 0,1 or 2 assigned for Do not auto-delegate, Auto-delegate all or Auto-delegate selected respectively.
dg_wf_tsk_n_appr	INT32		false	Delegate workflow tasks and approvals: Either of the values 0,1 or 2 assigned for Do not auto-delegate, Auto-delegate all or Auto-delegate selected respectively.

uap_offerlist_offer

This table was added in version 8.6.0.

Field	Type	Length	Null?	Description
mktg_object_id	INT32		false	
item_id	INT64		false	
seq_no	INT32		false	
search_criteria	CLOB		true	

uap_tt_offer_attributes

This table was added in version 8.6.0.

Field	Type	Length	Null?	Description
umo_element_name	NVARCHAR	100	false	
campaign_internal_name	NVARCHAR	100	false	

uap_outofoffice_hist

Field	Type	Length	Null?	Description
history_id	INT32		false	
outofoffice_id	INT32		false	
owner_id	INT32		false	

Field	Type	Length	Null?	Description
deligated_user_id	INT32		false	
source_object_id	INT32		false	
source_object_type	INT32		false	
created_date	DATETIME		false	

uap_ooo_autoadd_setting

Field	Type	Length	Null?	Description
ooo_autoadd_setting	INT32		false	System-wide setting for automated addition of out of office delegates to project teams.
modified_date	DATETIME			Last modification date of the setting.
modified_by	INT32			User ID of the last person to change the setting.

uap_appr_deny_reasons

Stores items added to the Approval Deny Reasons defined list. For installations that require a reason, users select from this list when they deny an approval. This table was added in version 9.0.

Field	Type	Length	Null?	Description
deny_reason_id	INT32		false	Unique identifier that is generated by the system for each item in the list.
name	NVARCHAR	255	true	Label for the list item.
display	NVARCHAR	1024	true	Specifies how list items display: alphabetically with Name - Code or numerically with Code - Name.
code	NVARCHAR	50	true	Identifying code for the list item.
display_no	INT32		true	System-supplied number that is used to order the items in the list for display.
flag_enabled	VARCHAR	1	true	Indicates whether the list item is enabled and therefore displays as an option in the user interface. The following values are valid. • 0 = Disabled • 1 = Enabled

uap_tt_deny_reasons

For a project template, stores the specified subset of reasons that users can supply when they deny an approval. Added in version 9.0.

Field	Type	Length	Null?	Description
deny_reason_id	INT32		false	Identifies a reason that is valid for denying an approval from uap_appr_deny_reasons. deny_reason_id.
template_id	INT32		false	Identifies a template from uap_tt_templates.template_id.

uap_stdappr_deny_reasons

Stores the specified subset of reasons that users can supply when they deny a stand-alone approval. This table was added in version 9.0.

Field	Type	Length	Null?	Description
deny_reason_id	INT32		false	Identifies a reason that is valid for denying an approval from uap_appr_deny_reasons. deny_reason_id.

uap_ml_cm_clients

Stores items for the list of Coremetrics Clients that administrators can import when they enable integration with IBM Digital Recommendations in offer templates. This table was added in version 9.0.

Field	Type	Length	Null?	Description
cm_client_id	INT32		false	Unique identifier that is generated by the system for each client in the list.
name	NVARCHAR	255	false	Label for the list item.
code	NVARCHAR	50	true	The client ID value from a IBM Digital Recommendations installation.
display	NVARCHAR	305	false	Specifies how list items display: alphabetically with Name - Code or numerically with Code - Name.
display_no	INT32		true	System-supplied number that is used to order the items in the list for display.
flag_enabled	VARCHAR	1	true	Indicates whether the list item is enabled and included in the user interface or not. The following values are valid. • 0 = Disabled • 1 = Enabled

uap_tt_cm_clients

This table holds the IBM Digital Recommendations client IDs associated with an offer template in IBM Marketing Operations. This table was added in version 9.0.

Field	Type	Length	Null?	Description
template_id	INT32		false	This column is the foreign key to uap_tt_templates.template_id. Identifies the offer template.
cm_client_id	NVARCHAR	100	false	This column is the foreign key to uap_ml_cm_clients.cm_client_id. Stores the IBM Digital Recommendations client ID.

uap_map_table

This table stores the object names with the corresponding database table and key column information. This table was added in version 9.1.0. Prior to 9.1.0, this information was stored in the XML files.

Field	Type	Length	Null?	Description
map_id	INT32		false	The internal ID of the map.
object_name	NVARCHAR	520	false	The name of the object.
table_name	NVARCHAR	30	false	The database table of corresponding object.
table_key	NVARCHAR	30	false	The key column of the database table.
order_column	NVARCHAR	30	true	The default order column.

uap_file_mime_types

This table contains the map between file extension and associated file MIME type. This content is used to determine the MIME type of uploaded file.

Field	Type	Length	Null?	Description
file_ext	NVARCHAR	10	false	The file extension. This column is the primary key.
mime_type	NVARCHAR	255	false	The MIME type of the file who's extension is stored in file_ext.

uap_map_column

Field	Type	Length	Null?	Description
map_id	INT32		false	
column_id	INT32		false	
column_name	NVARCHAR	40	false	
column_element	NVARCHAR	200	true	
column_label	NVARCHAR	200	true	
column_message	NVARCHAR	1024	true	
column_type	NVARCHAR	40	true	
max_length	INT32		true	
db_type	NVARCHAR	40	true	
tab_order	INT32		true	

Field	Type	Length	Null?	Description
required	VARCHAR	1	true	
lookup_table	NVARCHAR	40	true	
lookup_id_column	NVARCHAR	40	true	
lookup_desc_column	NVARCHAR	40	true	
default_value	NVARCHAR	200	true	
readonly	VARCHAR	1	true	
seq_no	INT32		false	

uap_project_bpm_instance

This table was added in version 10.0.0.2

Field	Type	Length	Null?	Description
project_id	INT32		false	Unique ID of the project. This column is the primary key.
process_instance_id	INT64		true	
bpmnnotation	CLOB		true	

uap_project_subprocess_count

This table was added in version 10.0.0.2

Field	Type	Length	Null?	Description
project_id	INT32		false	Unique ID of the project.
sub_process_id	NVARCHAR	50	false	This column is the primary key.
count	INT32		false	

uap_wfs_registration

This table was added in version 10.0.0.2

Field	Type	Length	Null?	Description
account_id	INT64		false	This column is the primary key.
org_id	INT64		false	
application_name	NVARCHAR	100	false	
private_key	CLOB		false	
public_key	CLOB		false	
customer_name	NVARCHAR	100	false	
contact_person	NVARCHAR	100	false	
email_address	NVARCHAR	100	false	

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