Informatica®

Informatica® Cloud Data Integration

Cvent Connector

Informatica Cloud Data Integration Cvent Connector
January 2024

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Table of Contents

Preface 5

Informatica Resources 5

- Informatica Documentation 5
- Informatica Intelligent Cloud Services web site 5
- Informatica Intelligent Cloud Services Communities 5
- Informatica Intelligent Cloud Services Marketplace 5
- Data Integration connector documentation 6
- Informatica Knowledge Base 6
- Informatica Intelligent Cloud Services Trust Center 6
- Informatica Global Customer Support 6

Chapter 1: Introduction to Cvent Connector 7

Supported features objects and task operations 7

Rules and guidelines for Cvent tasks 9

Chapter 2: Cvent connections 10

Connect to Cvent 10

- Before you begin 10
- Connection details 10
- Advanced settings 11

Proxy server settings 11

Chapter 3: Creating a Cvent Synchronization Task 12

Cvent Sources in Synchronization Tasks 12

Data Filters 13

- Filter Fields 14
- Advanced Filters 21
- Delta Records 22
- Rules and Guidelines for Data Filters 24

Chapter 4: Mappings for Cvent 25

Cvent sources in mappings 25

Chapter 5: Configuration files 26

Configuring the schema.ini file 26

Configuring the relationship.ini for custom fields 27

Custom fields addition example 27

Chapter 6: Troubleshooting 28

Troubleshooting 28

Troubleshooting Synchronization Task. 28
Increasing the secure agent memory. 28

Index. 30

Preface

Use *Cvent Connector* to learn how to read from Cvent by using Cloud Data Integration. Learn to create a connection, develop mappings, run synchronization and mapping tasks in Cloud Data Integration.

Informatica Resources

Informatica provides you with a range of product resources through the Informatica Network and other online portals. Use the resources to get the most from your Informatica products and solutions and to learn from other Informatica users and subject matter experts.

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Informatica Intelligent Cloud Services web site

You can access the Informatica Intelligent Cloud Services web site at http://www.informatica.com/cloud. This site contains information about Informatica Cloud integration services.

Informatica Intelligent Cloud Services Communities

Use the Informatica Intelligent Cloud Services Community to discuss and resolve technical issues. You can also find technical tips, documentation updates, and answers to frequently asked questions.

Access the Informatica Intelligent Cloud Services Community at:

https://network.informatica.com/community/informatica-network/products/cloud-integration

Developers can learn more and share tips at the Cloud Developer community:

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Informatica Intelligent Cloud Services Marketplace

Visit the Informatica Marketplace to try and buy Data Integration Connectors, templates, and mapplets:

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Data Integration connector documentation

You can access documentation for Data Integration Connectors at the Documentation Portal. To explore the Documentation Portal, visit https://docs.informatica.com.

Informatica Knowledge Base

Use the Informatica Knowledge Base to find product resources such as how-to articles, best practices, video tutorials, and answers to frequently asked questions.

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Informatica Intelligent Cloud Services Trust Center

The Informatica Intelligent Cloud Services Trust Center provides information about Informatica security policies and real-time system availability.

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CHAPTER 1

Introduction to Cvent Connector

You can use Cvent Connector to connect Data Integration and Cvent. Use Cvent Connector to read data from Cvent.

Cvent offers software solutions to event planners for online event registration, venue selection, event management, mobile application, email marketing, and web surveys.

Cvent Connector supports querying on any column that is supported by Cvent objects. You can use AND and OR conditional operators and logical operators to filter fields.

Note: You cannot use Cvent Connector to write data to Cvent.

Supported features objects and task operations

Cvent Connector supports source, query, and lookup objects for the following features.

- Budget
- BudgetItem
- BudgetItem_AllocationCategoryDetail
- BudgetItem_AssociatedRegistrants
- BudgetItem_BudjetPaymentDetail
- BudgetItem_CostDetail
- BudgetItem_SavingsDetail
- BudgetItem_CategoryDetail
- BudgetItem_DefaultTaxDetail
- Contact
- Contact_ContactGroupDetail
- Contact_DistributionListDetail
- Contact_NationalProviderIdentifier
- ContactSnapshot
- ConversionRate
- Event
- EventCalendarLinkText
- EventCalendarAlternateURL
- EventCalendarCompletedURL

- EventDetails
- EventDetails_EventRoleDetail
- EventDetails_FAQDetail
- EventDetails_Fees
- EventDetails_PlanningStatusHistory
- EventDetails_ProcessFromDetail
- EventDetails_StaffDetail
- EventQuestion
- EventQuestion_AnswerDetail
- EventQuestion_RowDetail
- Event_DocumentDetail
- Event_ProductDetail
- Event_TargetListDetail
- Event_WeblinkDetail
- Invitee
- Invitee_InternalInfoDetail
- Invitee_RegretSurveyDetail
- Invitee_WeblinkDetail
- MeetingRequest
- MeetingRequest_DocumentDetail
- DocumentDetail_UploadedBy
- DocumentDetail_Description
- DocumentDetail_Category
- MeetingRequest_EventRequestInfo
- MeetingRequest_EventSurveyDetail
- MeetingRequest_RFPRequestInfo
- MeetingRequestUser
- Registration
- Registration_EventSurveyDetail
- Registration_GuestDetail
- Registration_OrderDetail
- Registration_PaymentDetail
- Respondent
- Respondent_WeblinkDetail
- Response
- Response_SurveyDetail
- Survey
- Survey_TargetListDetail
- Survey_WeblinkDetail

- Survey_AssociatedEvents
- SurveyQuestion
- SurveyQuestion_AnswerDetail
- SurveyQuestion_RowDetail
- Transaction
- Transaction_DistributionDetail
- Travel
- Travel_AirActual
- Travel_AirRequest
- Travel_CarRequest
- Travel_HotelRequest
- User

Note: ContactSnapshot does not support query and lookup object.

Rules and guidelines for Cvent tasks

Consider the following rules and guidelines for Cvent tasks:

- You cannot preview data when you read data from the **ContactSnapshot** object.
- You can read data from the following child objects when the **ContactSnapshot** object is selected as a parent.
  - **ContactGroupDetail**
  - **DistributionListDetail**
  - **CustomFieldDetail**
- You can select a child object only when the source type is selected as multiple objects.
- You can access the **CutsomFieldDetail** child object only when `relationship.ini` and `schema.ini` are configured accordingly. For more information about how to configure the Schema.ini and Relationship.ini file to read data from Cvent custom fields using Cvent Connector in Data Integration, see https://kb.informatica.com/howto/6/Pages/22/564698.aspx
- You can process only a limited number of Cvent objects in one SOAP call, as Cvent limits the rows processed within a single call. For more information, see Call Specific Limits.

CHAPTER 2

Cvent connections

You can create a Cvent connection to securely read data from Cvent.

Use Cvent connections to specify sources in synchronization tasks and mapping tasks. Create a connection and associate it with synchronization tasks, mappings, or mapping tasks.

Connect to Cvent

Let's configure the Cvent connection properties to connect to Cvent.

Before you begin

Before you create a Cvent connection in Data Integration, enable the Cvent Connector to use their API to access data.

Connection details

The following table describes the basic connection properties:

Property	Description
Connection Name	Name of the connection. Each connection name must be unique within the organization. Connection names can contain alphanumeric characters, spaces, and the following special characters: _ . + -, Maximum length is 255 characters.
Description	Description of the connection. Maximum length is 4000 characters.
Type	Cvent.
Runtime Environment	The name of the runtime environment where you want to run tasks. Select a Secure Agent, Hosted Agent, or serverless runtime environment.

Property	Description
Account Number	Specify the account number.
User Name	User name of the Cvent API.
Password	Password for the Cvent API.
Endpoint Url	The endpoint URL of the Cvent application.

Advanced settings

The following table describes the advanced connection properties:

Property	Description
Batch Size	Number of records to be retrieved at a time. Maximum is 200.
UTC Time Zone	Cvent UTC time zone. Enter the timezone in the date and time fields. The time zone is appended to the filter values for the date and time fields.
Enable Logging	Enables logging for the task. When you enable logging, you can view the session log for the log details.

Proxy server settings

If your organization uses an outgoing proxy server to connect to the Internet, the Secure Agent connects to Informatica Intelligent Cloud Services through the proxy server.

You can configure the Secure Agent to use the proxy server on Windows and Linux. You can use only an unauthenticated proxy server. The proxy settings applies to connections used in mappings and in mappings in advanced mode.

To configure the proxy settings for the Secure Agent, use one of the following methods:

- Configure the Secure Agent through the Secure Agent Manager on Windows or shell command on Linux.

  For instructions, see "Configure the proxy settings on Windows" or "Configure the proxy settings on Linux" in *Getting Started* in the Data Integration help .
- Configure the JVM options for the DTM in the Secure Agent properties. For instructions, see the Proxy server settings Knowledge Base article.

To configure proxy settings for the serverless runtime environment, see "Using a proxy server" in *Runtime Environments* in the Administrator help.

CHAPTER 3

Creating a Cvent Synchronization Task

This chapter includes the following topics:

- Cvent Sources in Synchronization Tasks, 12
- Data Filters, 13

Cvent Sources in Synchronization Tasks

You can read from a single object or multiple objects when you configure a synchronization task. You can configure the Cvent source properties on the **Source** page of the Synchronization Task wizard.

The following table describes the Cvent source properties:

Property	Description
Connection	Name of the Cvent source connection.
Source Type	Type of the source object. You can read data from a single Cvent source object. You can read data from multiple Cvent source objects.
Source Object	Name of the source object.
Display technical names instead of labels	Displays technical names instead of business names.
Display source fields in alphabetical order	Displays source fields in alphabetic order. By default, fields appear in the order returned by the source system.

When you configure a synchronization task to use a Cvent source, you can configure the advanced source properties. The advanced source properties appear on the **Schedule** page of the Synchronization Task wizard.

The following table describes the Cvent advanced source properties:

Advanced Property	Description
Preprocessing Commands	Enter pre-processing script that should be executed before running the synchronization task.
Post-processing Commands	Enter post-processing script that should be executed after running the synchronization task.
Parameter File Name	File that contains the parameters to be used in filters or expressions. Ensure that you have saved the parameter file in the `<Secure Agent installation directory>/apps/Data_Integration_Server/data/userparameters` directory.
Maximum Number of Log Files	Enter the maximum number of log files that the Secure Agent generates until the number reaches the limit that you set. Default is 10.
Execution Mode	Sets the amount of detail that appears in the log file. Select Standard or Verbose. Default is Standard. Select Verbose for troubleshooting.

Data Filters

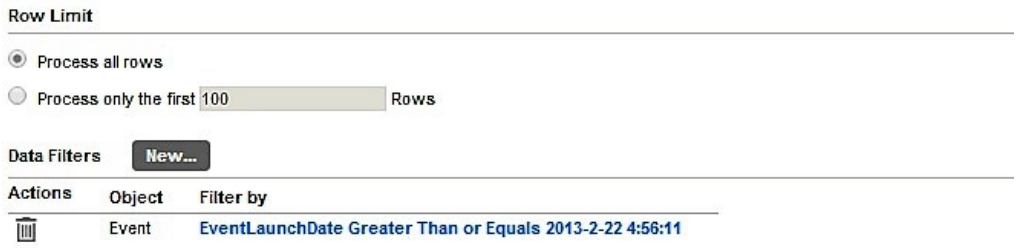
You can use data filters to fetch specific data of a particular object. The synchronization task processes the data based on the filter field assigned to the object.

Note: The Cvent Connector supports $LastRunTime parameter and all the filter fields supported by Cvent.

Perform the following steps to filter data:

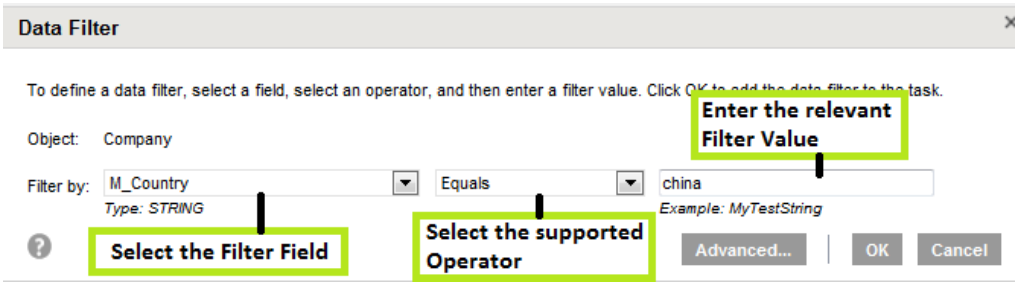
1. Select **Data Filters** tab in a synchronization task.

   The **Data Filters** tab appears.



2. Click **New**.

   The **Data Filter** dialog box appears.



3. Specify the following details:

Field Type	Description
Object	Select Object for which you want to assign filter fields.
Filter By	Select the Filter Field.
Operator	Select the operator.
Filter Value	Enter the Filter value.

4. Click **OK**.

Note: You can view the records modified in the past 10 hours in the Data Preview tab. To view records for all the objects, you must use the LastModifieddate field. To view records for Events, you must use the EventLauchDate field.

Filter Fields

The following table the fields that you can use to filter Cvent objects:

Object	Filter Field	Data Type	Supported Operators	Values Allowed
Budget Budget_CategoryDetail, Budget_DefaultTaxDetail	Id	String	F2*	Any string value
	EventCode	String	F2*	Any string value
	EventTitle	String	F2*	Any string value
	LastModifiedDate	DateTime	F1*	Any Date Time value
	SearchType	String	F2*	Any string value
BudgetItem BudgetItem_AllocationCategoryDetail, BudgetItem_AssociatedRegistrants, BudgetItem_BudjetPaymentDetail, BudgetItem_CostDetail, BudgetItem_SavingsDetail, BudgetItem_CategoryDetail, BudgetItem_DefaultTaxDetail	Id	String	F2*	Any string value
	ItemName	String	F2*	Any string value
	ItemCode	String	F2*	Any string value
	EventId	String	F2*	Any string value
	EventCode	String	F2*	Any string value
	RFPId	String	F2*	Any string value
	LastModifiedDate	DateTime	F1*	Any Date Time value
	SearchType	String	F2*	Any string value
	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value

Object	Filter Field	Data Type	Supported Operators	Values Allowed
	VendorCode	String	F2*	Any string value
Contact Contact_ContactGroup Detail, Contact_DistributionListDetail	Id	String	F2*	Any string value
	SourceId	String	F2*	Any string value
	FirstName	String	F2*	Any string value
	LastName	String	F2*	Any string value
	EmailAddress	String	F2*	Any string value
	CCEmailAddress	String	F2*	Any string value
	Company	String	F2*	Any string value
	ContactTypeCode	String	F2*	Any string value
	Active	Int	F1*	Any integer value
	ExcludedFromEmail	Int	F1*	Any integer value
	LastOptOutDate	DateTime	F1*	Any Date Time value
	LastModifiedDate	DateTime	F1*	Any Date Time value
	CreatedDate	DateTime	F1*	Any Date Time value
	HomeStateCode	String	F2*	Any string value
	MembershipCode	String	F2*	Any string value
	WorkStateCode	String	F2*	Any string value
	SearchType	String	F2*	Any string value
	IsObfuscated	Int	F1*	Any integer value
	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value
ContactSnapshot	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value
ConversionRate	CurrencyCode	String	F2*	Any string value
	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value

Object	Filter Field	Data Type	Supported Operators	Values Allowed
	LastModifiedDate	DateTime	F1*	Any Date Time value
Event Event_ProductDetail, Event_DocumentDetail, Event_TargetListDetail, Event_WeblinkDetail	Id	String	F2*	Any string value
	EventCode	String	F2*	Any string value
	EventTitle	String	F2*	Any Date Time value
	EventStartDate	DateTime	F1*	Any Date Time value
	EventEndDate	DateTime	F1*	Any Date Time value
	EventLaunchDate	DateTime	F1*	Any Date Time value
	EventStatus	String	F2*	Any string value
	PlanningStatus	String	F2*	Any string value
	Hidden	Int	F1*	Any integer value
	Location	String	F2*	Any string value
	StateCode	String	F2*	Any string value
	LastModifiedDate	DateTime	F1*	Any Date Time value
	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value
	SearchType	String	F2*	Any string value
EventDetails EventDetails_EventRoleDetail, EventDetails_FAQDetail, EventDetails_Fees, EventDetails_PlanningStatusHistory, EventDetails_ProcessFromDetail, EventDetails_StaffDetail	Id	String	F2*	Any string value
	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value
EventQuestion EventQuestion_AnswerDetail, EventQuestion_RowDetail	QuestionCode	String	F2*	Any string value
	SurveyType	String	F2*	Any string value
	QuestionType	String	F2*	Any string value
	EventId	String	F2*	Any string value

Object	Filter Field	Data Type	Supported Operators	Values Allowed
	EventCode	String	F2*	Any string value
	ProductId	String	F2*	Any string value
	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value
	LastModifiedDate	DateTime	F1*	Any Date Time value
Invitee Invitee_InternalInfoDetail, Invitee_RegretSurveyDetail, Invitee_WeblinkDetail	ContactId	String	F2*	Any string value
	SourceId	String	F2*	Any Date Time value
	FirstName	String	F2*	Any Date Time value
	Last name	String	F2*	Any string value
	Id	String	F2*	Any string value
	Company	String	F2*	Any string value
	LastModifiedDate	DateTime	F1*	Any Date Time value
	ConfirmationNumber	String	F2*	Any string value
	VoucherCode	String	F2*	Any string value
	IsObfuscated	Int	F1*	Any integer value
	SearchType	String	F2*	Any string value
	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value
	EmailAddress	String	F2*	Any string value
	Participant	String	F2*	Any string value
	EventId	String	F2*	Any string value
	Status	String	F2*	Any string value
	SearchType	String	F2*	Any string value

Object	Filter Field	Data Type	Supported Operators	Values Allowed
MeetingRequest MeetingRequest_DocumentDetail, MeetingRequest_EventRequestInfo, MeetingRequest_EventSurveyDetail, MeetingRequest_RFPRequestInfo,	RequestName	String	F2*	Any string value
	RequestStatus	String	F2*	Any string value
	RequestCode	String	F2*	Any string value
	FormId	String	F2*	Any string value
	Archived	String	F2*	Any string value
	SearchType	String	F2*	Any string value
	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value
Registration Registration_GuestDetail, Registration_OrderDetail, Registration_PaymentDetail, Registration_EventSurveyDetail	Id	String	F2*	Any string value
	Status	String	F2*	Any string value
	ContactId	String	F2*	Any string value
	InviteeId	String	F2*	Any string value
	SourceId	String	F2*	Any string value
	FirstName	String	F2*	Any string value
	LastName	String	F2*	Any string value
	EmailAddress	String	F2*	Any string value
	EventId	String	F2*	Any string value
	GroupId	String	F2*	Any string value
	GroupLeader	Int	F1*	Any integer value
	ReferenceId	String	F2*	Any string value
	SearchType	String	F2*	Any string value
	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value
	RegistrationDate	DateTime	F1*	Any Date Time value
	CancelledDate	DateTime	F1*	Any Date Time value
	LastModifiedDate	DateTime	F1*	Any Date Time value

Object	Filter Field	Data Type	Supported Operators	Values Allowed
	ConfirmationNumber	String	F2*	Any string value
	RegistrationType	String	F2*	Any string value
	SearchType	String	F2*	Any string value
Respondent Respondent_WeblinkDetail	Id	String	F2*	Any string value
	ContactId	String	F2*	Any string value
	SurveyId	String	F2*	Any string value
	Status	String	F2*	Any string value
	SearchType	String	F2*	Any integer value
Response Response_SurveyDetail	Id	String	F2*	Any string value
	ContactId	String	F2*	Any string value
	SurveyId	String	F2*	Any string value
	Status	String	F2*	Any string value
	CompletionDate	DateTime	F1*	Any Date Time value
	LastModifiedDate	DateTime	F1*	Any Date Time value
	SearchType	String	F2*	Any string value
	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value
Survey Survey_WeblinkDetail Survey_AssociatedEvents Survey_TargetListDetail	Id	String	F2*	Any string value
	SurveyCode	String	F2*	Any string value
	SurveyTitle	String	F2*	Any string value
	EventLaunchDate	DateTime	F1*	Any Date Time value
	EventCloseDate	DateTime	F1*	Any Date Time value
	SurveyStatus	DateTime	F1*	Any Date Time value
	SearchType	String	F2*	Any string value
	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value

Object	Filter Field	Data Type	Supported Operators	Values Allowed
SurveyQuestion SurveyQuestion_AnswerDetail, SurveyQuestion_RowDetail	Id	String	F2*	Any string value
	QuestionCode	String	F2*	Any string value
	QuestionType	String	F2*	Any string value
	SurveyID	String	F2*	Any string value
	SurveyCode	String	F2*	Any string value
	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value
	SurveyTitle	String	F2*	Any string value
Transaction Transaction_DistributionDetail	Id	String	F2*	Any string value
	ContactId	String	F2*	Any string value
	InviteeId	String	F2*	Any string value
	EventId	String	F2*	Any string value
	Success	Int	F1*	Any integer value
	TransactionType	String	F2*	Any string value
	TransactionNumber	String	F2*	Any string value
	PaymentType	String	F2*	Any string value
	NameOnCard	String	F2*	Any string value
	ReferenceNumber	String	F2*	Any string value
	BatchNumber	String	F2*	Any string value
	Amount	String	F2*	Any string value
	TransactionDate	DateTime	F1*	Any Date Time value
	LastModifiedDate	DateTime	F1*	Any Date Time value
	SearchType	String	F2*	Any string value
	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value

Object	Filter Field	Data Type	Supported Operators	Values Allowed
Travel Travel_AirActual, Travel_AirRequest, Travel_CarRequest, Travel_HotelRequest	ContactId	String	F2*	Any string value
	EventId	String	F2*	Any string value
	RegistrationType	String	F2*	Any string value
	SearchType	String	F2*	Any string value
	StartDate	DateTime	F1*	Any Date Time value
	EndDate	DateTime	F1*	Any Date Time value

F1* - Supports Equals, Not Equals, Less than, Less than or Equals, Greater, Is Null, Is Not Null, and Greater than or Equals operators.

F2* - Supports Equals, Not Equals, Less than, Less than or Equals, Greater, Is Null, Is Not Null, Starts With, Ends With, Contains and Greater than or Equals operators.

Advanced Filters

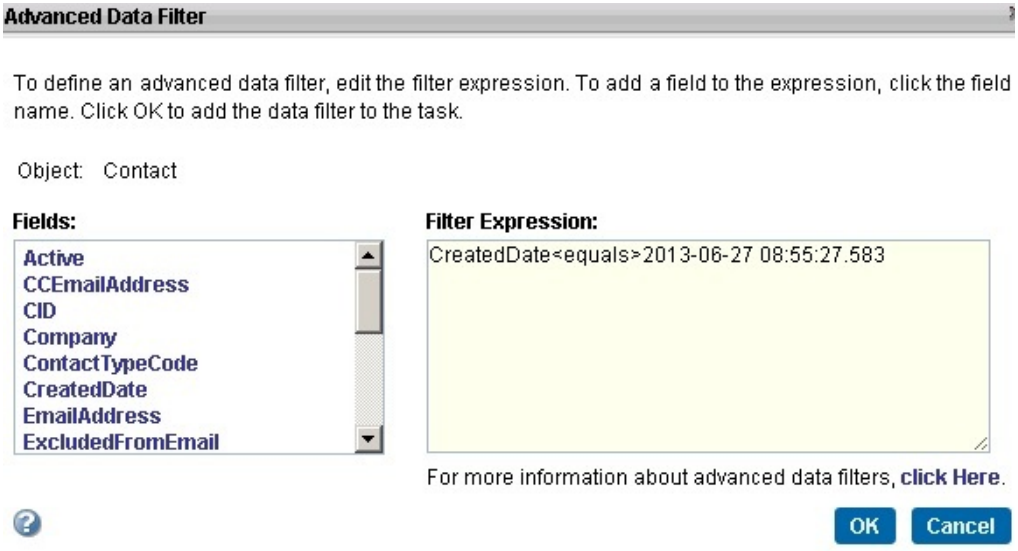
To run search queries containing complex filter expressions, use advanced data filter. Cvent advanced filter supports AND conditional operator and some logical operators.

Note: You can determine whether a field is filterable after running the synchronization task.

1. Click **Advanced** in Data Filter dialog box.

   The **Advanced Data Filter** dialog box appears.
2. Enter the **Filter Expression**.
3. Click **OK**.

   The following image shows the Advanced Data Filter page:



   The following is the syntax format for Filter Expression:

`Field1<Operator1>Value1;Field2<Operator2>Value2`

The following are the significance of the terms:

- `Field1` and `Field2` are Cvent fields.
- `Operator1` and `Operator2` are operators supported for filter expression.
- `Value1` and `Value 2` are corresponding values.
  Cvent supports the following logical operators:

Operator	Symbol
equals	=
notEquals	!=
lessThan	<
lessOrEquals	<=
greaterThan	>
greaterOrEquals	>=
contains	%<value>%
DoesNotContain	%<value>
startsWith	<value>%
includes	includes

Note: You can apply multiple filters at one instance.

For example, C_EmailAddress='gsavloff@12ed.gba.gov.ar'AND C_FirstName='Gabriel'

You can fetch the data using advanced filter search by giving the value in `yyyy-MM-dd HH:mm:ss.SSS` (Year-Month-day Hour:Minutes:Seconds:milliseconds) format.

You can use StartDate and EndDate filter fields to configure advanced filters.

Note: The search in advanced filter functions similar to the search functionality supported by Cvent application.

Delta Records

You can use the Cvent Connector to fetch data records that has changed over a time period for a Cvent object.

The synchronization task fetches the data that has changed for the period that you specify in the **StartDate** and **EndDate** filter fields.

When retrieving delta records, the Secure Agent performs the following tasks:

- Reads data that was created within the specified time period and marks them for insert.
- Reads data that was updated within the specified time period and marks them for update.
- Reads data that was deleted within the specified time period and marks them for delete

Retrieving Delta Records

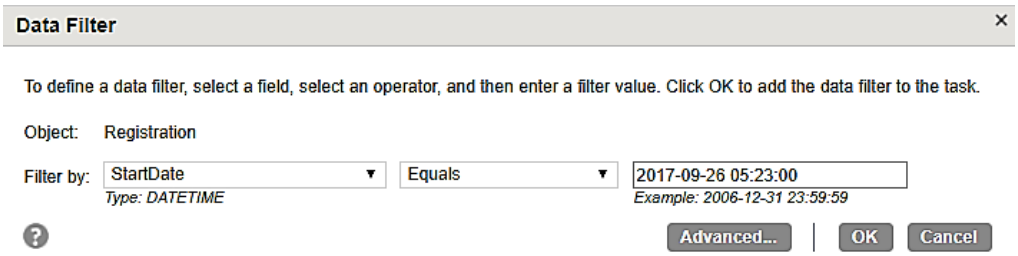
You can use data filters to fetch data records that fetch data records that has changed over a time period for a Cvent object. The synchronization task fetches the data that has changed for the period that you specify in the **StartDate** and **EndDate** filter fields.

Perform the following steps to fetch delta records:

1. Select **Data Filters** tab in a synchronization task.

   The **Data Filters** tab appears.
2. Click **New**.

   The **Data Filter** dialog box appears.



3. Specify the following details to create a data filter using **StartDate** filter field:

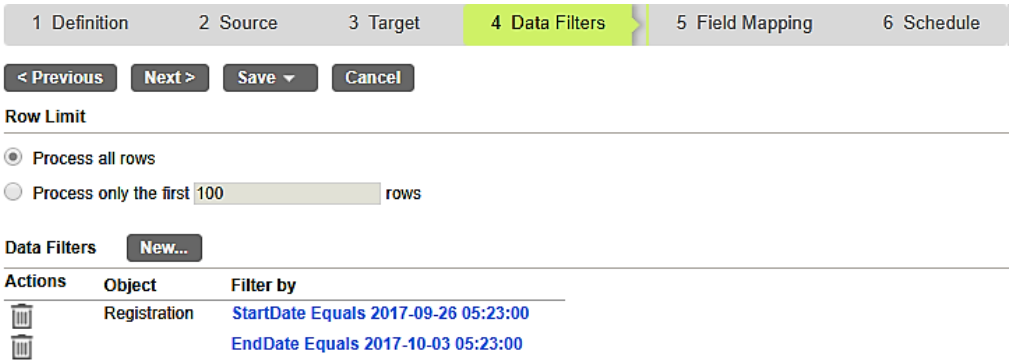
Field Type	Description
Object	Select the object on which you want to apply data filter.
Filter By	Select the **StartDate** filter field.
Operator	Select the **Equals** operator.
Filter Value	Enter the filter value in GMT time zone.

4. Click **OK**.
5. Repeat the steps 1 to 2 and specify the following details to create a data filter using **EndDate** filter field:

Field Type	Description
Object	Select the object on which you want to apply data filter.
Filter By	Select the **EndDate** filter field.
Operator	Select the **Equals** operator.
Filter Value	Enter the filter value in GMT time zone.

6. Click **OK**.

   The following image shows the data filters applied on the Registration object:



When you run the synchronization task, the Secure Agent fetches all the records that were inserted or updated between the **StartDate** and **EndDate** that you specified in the **Data Filters** tab.

Rules and Guidelines for Data Filters

Consider the following rules and guidelines when you apply data filters on a Cvent object:

- You must specify the value of StartDate and EndDate filter fields in GMT time zone.
- The Cvent Web Service ignores the seconds in the datetime value specified in the filter field. For example, `12.30.15` is applied as `12.30.00`.
- If you want to use UTC time zone, set the **UTC Time Zone** field in the connection properties to the time zone of the Cvent server.
  If you do not specify the **UTC Time Zone** property and specify a datetime value for a filter field, you must specify the value of the filter field in the time zone of the Cvent server
- If you specify a datetime value for a filter field and set the **UTC Time Zone** property to the time zone of the Cvent server, you must specify the value of the filter field in GMT time zone.
  For example, you must specify the value of $LastRuntime filter field in GMT time zone.
- If you use the StartDate and EndDate filter fields and set the **UTC Time Zone** property to the time zone of Cvent server, you must specify the value of the filter field in GMT time zone. The value of **UTC Time Zone** property is ignored.
- If you have used StartDate and EndDate filter fields in an existing task, you must refresh the existing synchronization task.

CHAPTER 4

Mappings for Cvent

Use the Data Integration Mapping Designer to create a mapping. When you create a mapping, you configure a source to represent a Cvent object.

Cvent sources in mappings

To read data from Cvent, configure a Cvent object as the Source transformation in a mapping.

Specify the name and description of the Cvent source.

The following table describes the source properties that you can configure for a Cvent source:

Property	Description
Connection	Name of the Cvent source connection. You can select an existing connection or create a new connection. You can also click **New Parameter** to define a parameter for the source connection.
Source Type	Type of the source object. Select Single Object, Multiple Objects, or Parameter.
Object	Name of the Cvent source object based on the source type selected. Select the source object for a single source. When you select the multiple source option, you can add source objects and configure a relationship between them.

The following table describes the advanced source property that you can configure in a Source transformation:

Property	Description
Tracing Level	Sets the amount of detail that appears in the log file. Select one of the following options: - terse - normal - verbose initialization - verbose data Default is normal.

CHAPTER 5

Configuration files

You must configure the schema and relationship.ini files to add custom fields in Cvent object.

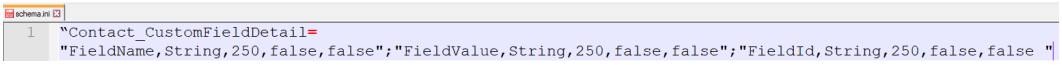
Configuring the schema.ini file

To add and capture the values of custom fields supported by Cvent API in the `schema.ini`, follow the syntax format. You can change an object with `schema.ini` file.

Use the following syntax format to configure a `schema.ini` file:

```
Contact_CustomFieldDetail="FieldName,String,250,false,false";"FieldValue,String,250,false
,false";"FieldId,String,250,false,false"
```

The following image shows a sample schema file:



If you want to use the `schema.ini` file, perform the following steps:

1. Copy the `schema.ini` file from `<Secure Agent installation directory>\downloads\<latest connector package>\package\rdtm\javalib\<pluginId>\` to `<Secure Agent installation directory>\apps\Data_Integration_Server\ext\deploy_to_main\bin\rdtm-extra\Cvent\`

   Note: If the `deploy_to_main\bin\rdtm-extra\Cvent\` directory does not already exist, create the directory.

   Note: The folder name is case sensitive on Linux.

2. Restart the Secure Agent.

For more information about how to configure the Schema.ini and Relationship.ini file to read data from Cvent custom fields using Cvent Connector in Data Integration, see https://kb.informatica.com/howto/6/Pages/22/564698.aspx.

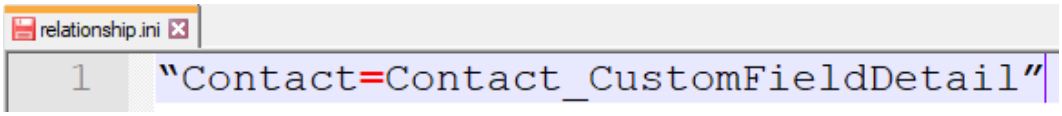
Configuring the relationship.ini for custom fields

The `relationship.ini` file is used to edit, change the parent or child relationship, and create custom fields. You can create another child object with the help of `relationship.ini` file.

To add and capture the values of custom fields supported by Cvent API in the `relationship.ini`, use the following syntax format:

```
Contact=Contact_CustomFieldDetail
```

The following image shows a sample of `relationship.ini` file:



If you want to use the `relationship.ini` file, perform the following steps:

1. Copy the `relationship.ini` file from `<Secure Agent installation directory>\downloads\<latest connector package>\package\rdtm\javalib\<pluginId>\` to `<Secure Agent installation directory>\apps\Data_Integration_Server\ext\deploy_to_main\bin\rdtm-extra\Cvent\`

   Note: If the `deploy_to_main\bin\rdtm-extra\Cvent\` directory does not already exist, create the directory.

   Note: The folder name is case sensitive on Linux.
2. Restart the Secure Agent.

For more information about how to configure the Schema.ini and Relationship.ini file to read data from Cvent custom fields using Cvent Connector in Cloud Data Integration, see https://kb.informatica.com/howto/6/Pages/22/564698.aspx.

Custom fields addition example

To fetch the field values, you must configure the schema and relationship.ini files to add custom fields in Cvent object.

For example, add the following configurations to fetch data from a custom field customfield1_c for Event object:

- Add the following configuration to the schema.ini file:

  ```
  Event_CustomFieldDetail="FieldName,String,250,false,false";"FieldValue,String,250,false,false";"FieldId,String,250,false,false";
  ```
- Add the following configuration to the relationship.ini file:

  ```
  Event=Event_WeblinkDetail,Event_DocumentDetail,Event_CustomFieldDetail
  ```

CHAPTER 6

Troubleshooting

Use the following sections to troubleshoot errors in Cvent Connector.

Troubleshooting

The Secure Agent generates a log file to capture the messages generated during task configuration. The messages are saved in the following location:

`<Secure Agent installation directory>\apps\Data_Integration_Server\logs`

Troubleshooting Synchronization Task

When you create a synchronization task with a configuration that is not valid, NULL error message appears. Session Log saves the messages of a failed synchronization task.

For example, `<Secure Agent installation directory>\apps\Data_Integration_Server\logs`

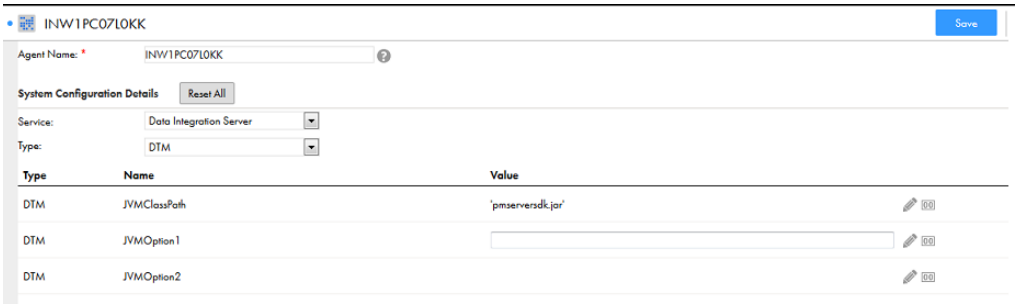
Note: You require special privileges to run the application in debug mode.

Increasing the secure agent memory

To increase performance and avoid runtime environment memory issues, perform the following steps:

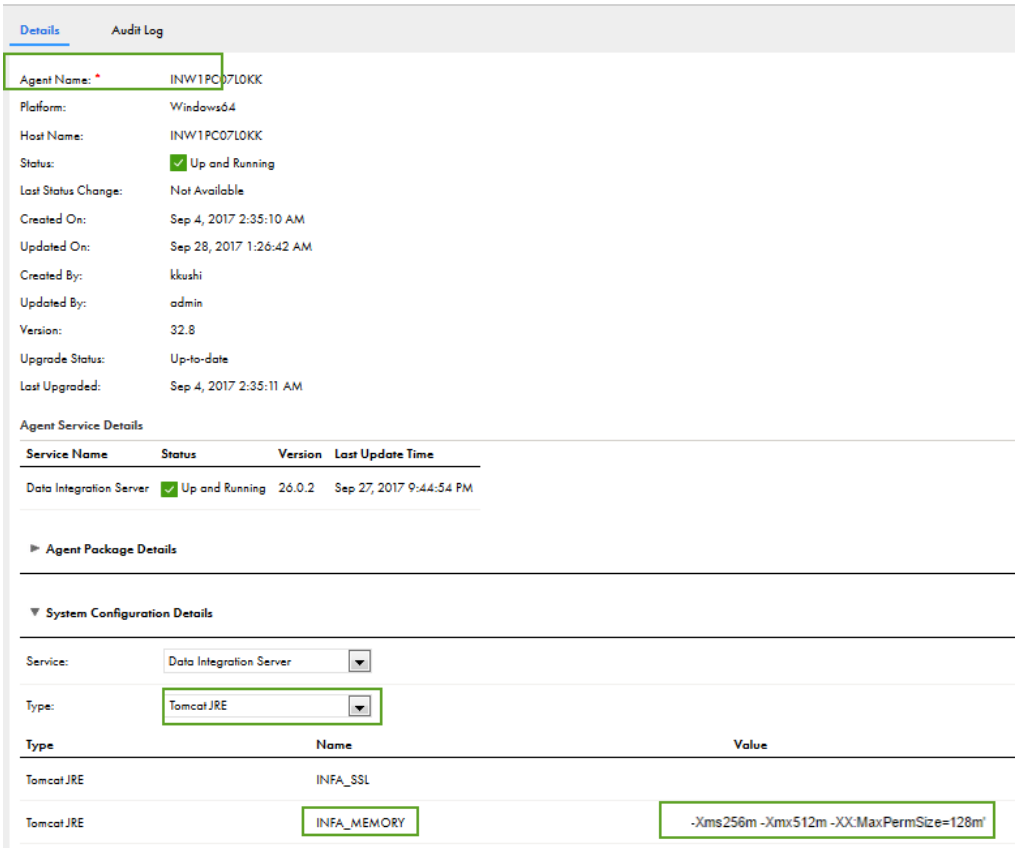
1. In Administrator, select **Runtime Environments**.
2. Select the Secure Agent for which you want to increase memory from the list of available Secure Agents.
3. In the upper-right corner, click **Edit**.
4. In the **System Configuration Details** section, select the **Type** as **DTM** for the Data Integration Service.
5. Edit **JVMOption1** as **-Xms4056m** and **JVMOption2** as **-Xmx4056m**.

The following image shows the **Details** page:



6. In the **System Configuration Details** section, select the **Type** as **TomCatJRE**
7. Edit **INFA_memory** as **-Xms256m -Xmx512m**.

   The following image shows the **Agent Details** page:



   Note: The minimum and maximum values for the Java heap size are given as an example. Specify the size according to your requirements.

8. Restart the Secure Agent.

INDEX

C

Cloud Application Integration community
  URL 5
Cloud Developer community
  URL 5
Cvent Connector 7
Cvent Operators 7

D

Data Integration community
  URL 5

I

Informatica Global Customer Support
  contact information 6
Informatica Intelligent Cloud Services
  web site 5

M

maintenance outages 6
mapping
  Cvent sources 25
mapping tasks
  overview 25

S

Secure Agent
  increasing memory 28
status
  Informatica Intelligent Cloud Services 6
system status 6

T

trust site
  description 6

U

upgrade notifications 6

W

web site 5