

Classifier Reporting Database Schema

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Gold
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Customer Documentation

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1 INTRODUCTION

This document presents the schema of **version 1.4.1** of the Classifier Events Database component of the Classifier Reporting Services.

Boldon James Classifier Reporting Services delivers dashboards and reports that provide administrators and managers insight into the way that Classifier components are being used in their organisations. The Classifier Events Database is at the heart of the system's components.

The architecture is based on partitioning the data into two separate sets of tables; the [ClassifierStaging](#) and the [ClassifierWorking](#) tables. Event data is written into the ClassifierStaging tables by the Event Log service using [ClassifierStaging Stored Procedures](#). The Event data is moved from the ClassifierStaging tables to the ClassifierWorking tables using [ClassifierWorking Stored Procedures](#) run by SQL jobs.

Users and Computers data can also be extracted from Active Directory and written to the database by the AD service using ClassifierStaging Stored Procedures. Similarly, the Users and Computers data can be written to the ClassifierWorking tables by using Stored Procedures run by SQL jobs.

The Classifier Reporting Console uses View, Stored Procedures and Functions from the [ClassifierReporting](#), [ClassifierReporting2](#), [ClassifierReporting3](#) and [ClassifierReporting4](#) schemas to present data from the ClassifierWorking tables.

2 DATABASE SCHEMA

This section details the Classifier Reporting database schemas. Classifier Reporting uses five database schemas:

Table	Description	Version
<u>ClassifierStaging</u>	Tables in this schema hold Event and Active Directory data from suppliers. The schema also contains the stored procedures used by the Event Log and AD services to write data into the database. Only users in the <u>ClassifierSupplierRole</u> role have access to the stored procedures in this schema.	1.2.5
<u>ClassifierWorking</u>	This schema contains Tables that hold the processed Event and Active Directory data and is used for all queries. The schema also contains stored procedures that perform the Staging to Working table processing. Only the <u>ClassifierAdminUser</u> user (which is mapped to the <u>ClassifierMaintenanceRole</u> ¹) has permission to use the stored procedures in this schema	1.2.5
<u>ClassifierReporting</u>	This schema contains Views used by the Classifier Reporting Console to display data from tables in the Classifier Working schema. Only users in the <u>ClassifierSupplierRole</u> role have access to Views in this schema.	1.2.5
<u>ClassifierReporting2</u>	This schema contains Views used by the Classifier Reporting Console from version 1.2 and above, to display data from tables in the Classifier Working schema. Only users in the <u>ClassifierConsumerRole</u> role have access to Views in this schema.	1.2.5
<u>ClassifierReporting3</u>	This schema contains Views used by the Classifier Reporting Console from version 1.3 and above, to display data from tables in the Classifier Working schema. The schema also contains stored procedures and functions that are used to populate reports introduced in V1.3 of the Classifier Reporting Console. Only users in the <u>ClassifierConsumerRole</u> role have access to Views and stored in this schema.	1.3
<u>ClassifierReporting4</u>	This schema contains Views used by the Classifier Reporting Console from version 1.4 and above, to display data from tables in the Classifier Working schema. Only users in the <u>ClassifierConsumerRole</u> role have access to Views and stored in this schema.	1.4
<u>Default Schema (db0)</u>	This is the SQL Server default schema. The Classifier Events database creates one table in this schema.	1.2.5

¹ The ClassifierMaintenanceRole is introduced in V1.3.
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2.1 ClassifierStaging Schema

Table	Description	Version
<u>ApplicationNames</u>	The table to represent application names	1.2.5
<u>ServiceStatusActiveDirectory</u>	Table to show the status of the Classifier Reporting Active Directory Service.	1.4.0
<u>ServiceStatusEventLog</u>	Table to show the status of the Classifier Reporting Event Log Service.	1.4.0
<u>StagedAttachments</u>	The table to hold attachments from email events	1.2.5
<u>StagedAttachmentSelectorValue</u>	The table to hold selector values parsed from attachment labels.	1.2.5
<u>StagedComputers</u>	The table to represent computers stored in the local AD.	1.2.5
<u>StagedDocumentEvents</u>	The table to represent staged general classifier document events	1.2.5
<u>StagedDocumentEventSelectorValue</u>	The table to hold selector values parsed from document events.	1.2.5
<u>StagedEmailEvents</u>	The table to represent staged general classifier email events	1.2.5
<u>StagedEmailEventSelectorValue</u>	The table to hold selector values parsed from email events.	1.2.5
<u>StagedKnownUsers</u>	The table to represent users, including contacts, stored in the local AD.	1.2.5
<u>StagedManagementEvents</u>	The table to hold management agent events.	1.2.5
<u>StagedRecipients</u>	The table to hold recipients extracted from email events	1.2.5
<u>StagedBoxClassifierEvents</u>	The table to hold staged box classifier events.	1.4.0
<u>StagedBoxClassifierEventsSelectorValue</u>	The table to hold selector values parsed from box classifier events.	1.4.0

See the section [ClassifierStaging stored procedures](#) for details of the schema's stored procedures.

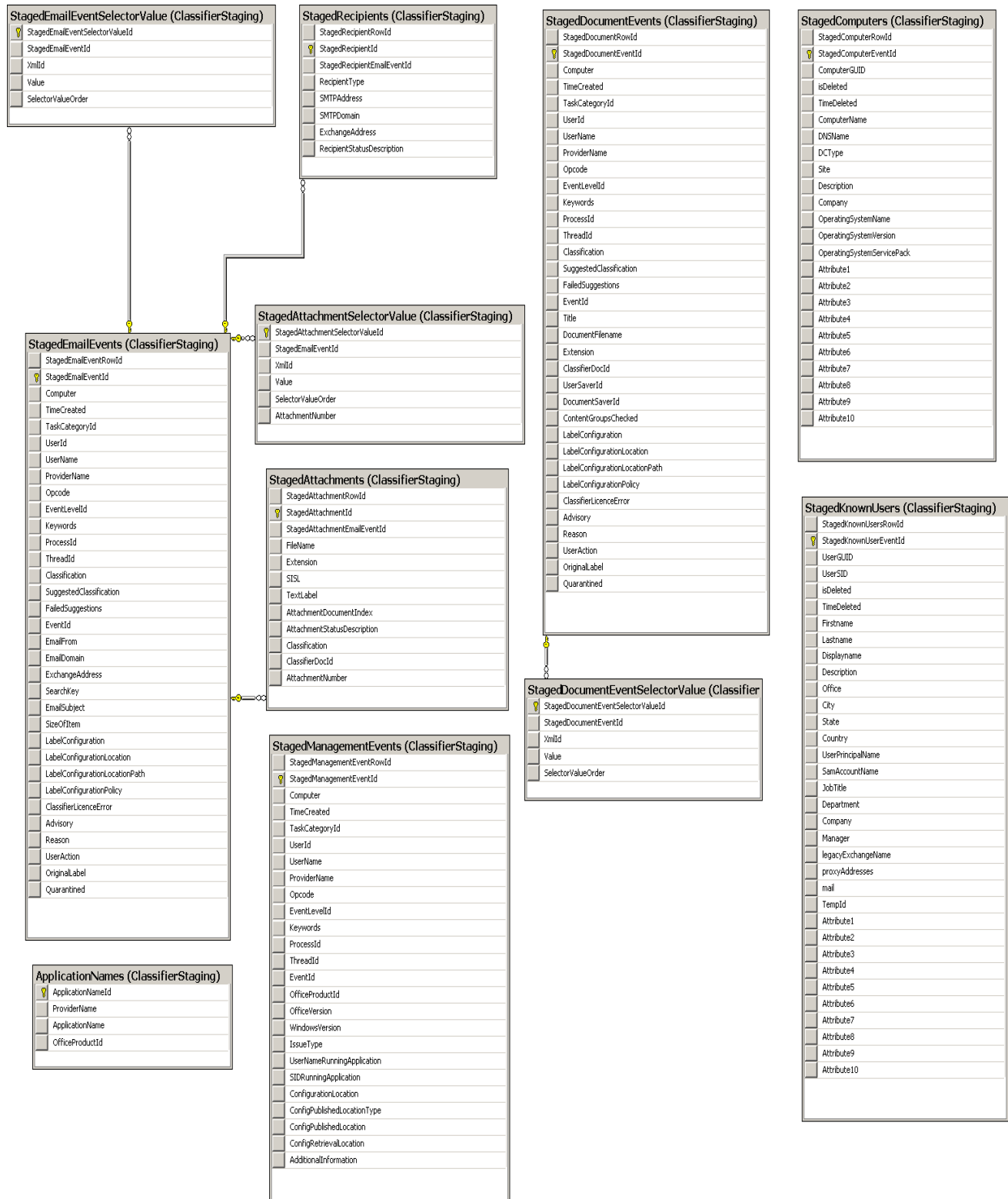


Figure 1 ClassifierStaging Schema

2.2 ClassifierWorking Schema

Table	Description	Version
Attachments	The Attachments table holds details of attachments of emails and where appropriate if the attachment passed attachment high-water mark checks.	1.2.5
AttachmentSelectorValues	The AttachmentSelectorValues table holds indexes that map between classifications in attachment records in the Attachments table and the classification's selector values in the SelectorValues table. A classification in an Attachments record is represented by one record in the AttachmentSelectorValues. The record contains up to three SelectorValues records indexes that identifies the three (or less) most significant selector values in the classification. This table is optimised for use in any customer created dashboards or reports.	1.2.5
AttachmentToSelectorValues	The AttachmentToSelectorValues table holds indexes that map between classifications in Attachment records in the Attachments table and the classification's selector values in the SelectorValues table. There is a record in this table for every selector value contained in a classification. A record contains the index of the Attachments record containing the classification and the index of one of the classification's selector values in the SelectorValues table. For example, if a classification contains 5 selector values, there will be 5 records in this table for the classification. Each record contains the same index of the Attachments record containing the classification and the index of the SelectorValues record that contains an individual selector value.	1.2.5
BoxClassifierEvents	The BoxClassifierEvents table holds events from Classifier BoxClassifier	1.4
Computers	The Computers table holds details about computers from the associated Active Directory domain(s).	1.2.5
DocumentEvents	All Classifier document events have an entry in the DocumentEvents table. The entries include the filename of the document.	1.2.5
EmailAddresses	The EmailAddresses table holds the SMTP address and, where applicable, the Exchange address of email recipients and users imported from Active Directory.	1.2.5
EmailEvents	All Classifier email events have an entry in the EmailEvents table. The entries include the email subject and who the email was from.	1.2.5
Errors	The Errors table records issues with the database stored procedures. Administrators should periodically review the Errors table for any issues.	1.2.5

EventCheckDetails	All Classifier check rules details are placed in the EventCheckDetails table. The entries include the success or not of the check and whether the user chose to ignore or honour the check.	1.2.5
EventGeneralDescription	The EventGeneralDescription table that maps event identifiers to their textual description.	1.2.5
EventGeneralDetails	All Classifier general events are stored in the EventGeneralDetails table. The entries include details of user configurations and any licensing errors.	1.2.5
EventLevels	The EventLevels table is a pre-defined table that maps event level identifiers to their textual representation	1.2.5
EventSelectorValues	The EventSelectorValues table holds indexes that map between classifications in event records in the SystemEvents table and the classification's selector values in the SelectorValues table. A classification in a SystemEvents record is represented by one record in the EventSelectorValues. The record contains up to three SelectorValues records indexes that identifies the three (or less) most significant selector values in the classification. This table is optimised for use in the Classifier Reporting Console.	1.2.5
EventToSelectorValues	The EventToSelectorValues table holds indexes that map between classifications in event records in the SystemEvents table and the classification's selector values in the SelectorValues table. There is a record in this table for every selector value contained in a classification. A record contains the index of the SystemEvents record containing the classification and the index of one of the classification's selector values in the SelectorValues table. For example, if a classification contains 5 selector values, there will be 5 records in this table for the classification. Each record contains the same index of the SystemEvents record containing the classification and the index of the SelectorValues record that contains an individual selector value.	1.2.5
IssueTypes	The IssueTypes table is a pre-defined table that maps event issue type identifiers to their textual representation	1.2.5
KnownUsers	The KnownUsers table holds details about users from the associated Active Directory domain(s).	1.2.5
ManagementEvents	The ManagementEvents table holds events from the Classifier Management Agent including the noted issue type.	1.2.5
Recipients	The Recipients table holds details of recipients of emails and, where appropriate, whether the recipient passed recipient clearance checks.	1.2.5
RecipientTypes	The RecipientTypes table is a pre-defined table that maps email recipient type identifiers to their textual representation.	1.2.5

SelectorValues	The SelectorValues table holds details of all label selectors in an organisation. This table is populated by the Event Log Service and any new selector values found in events are added to the table.	1.2.5
ServiceStatusActiveDirectory	The ServiceStatusActiveDirectory table records the number of objects (computers / users) added or deleted from the Active Directory Computers and Users containers. This is updated each time the Active Directory Service is polled (default every 1 minute).	1.4.0
ServiceStatusEventLog	The ServiceStatusEventLog table records the number of Classifier Events processed or skipped each time the Event Log Service is polled (default every 10 seconds).	1.4.0
SystemEvents	All Classifier events have an entry in the SystemEvents table. Each entry includes the username of the person generating the event, the related Classifier application and, if applicable, the classification of the related event.	1.2.5
TaskCategories	The TaskCategories table is a pre-defined table that maps event task category identifiers to their textual representation.	1.2.5

See the section [ClassifierWorking stored procedures](#) for details of the schema's stored procedures.

2.3 Default Schema

View	Description	Version
Settings	Table for run-time Settings	1.2.5

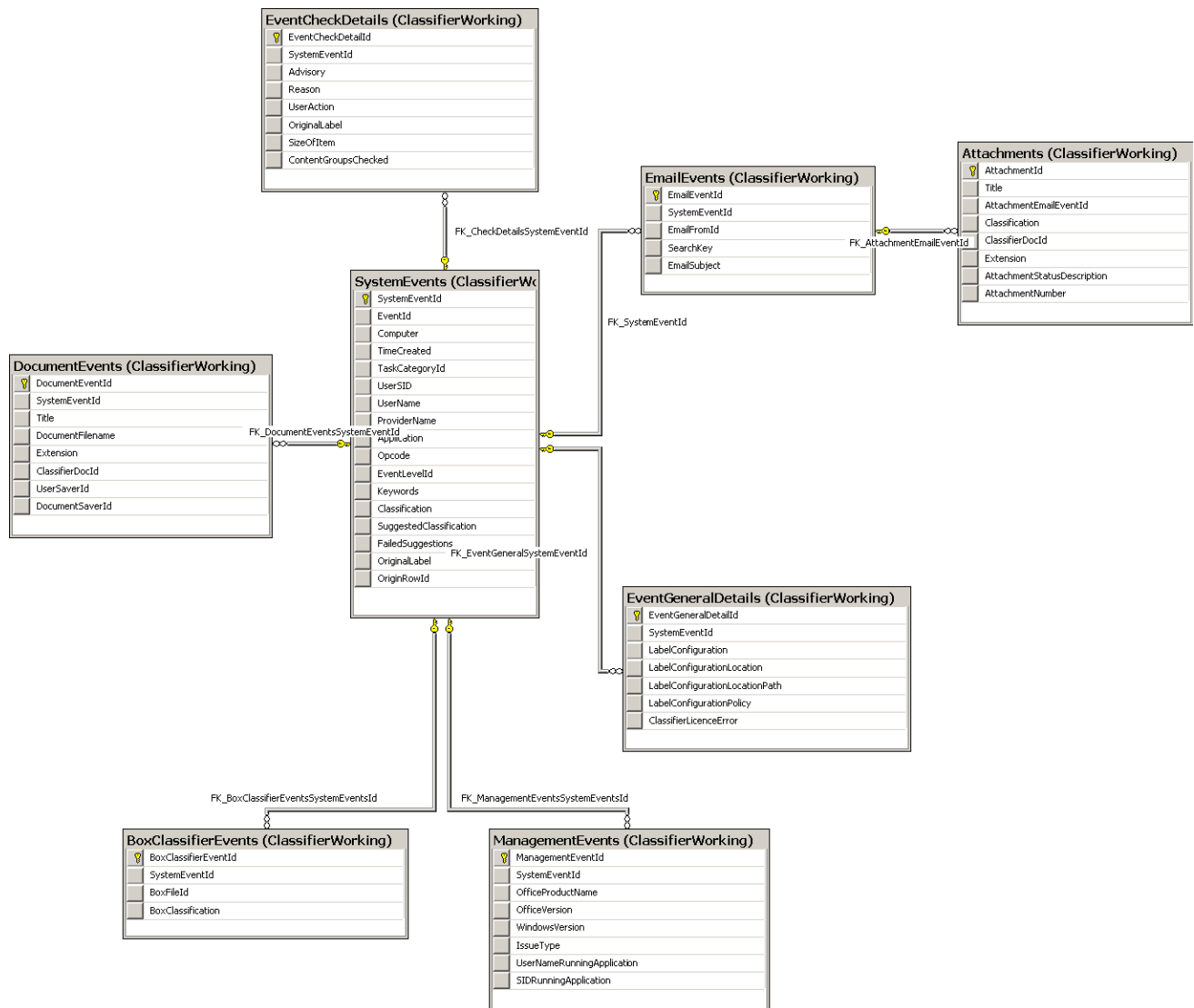


Figure 2 Partial ClassifierWorking Schema showing relationships between Tables holding Event data

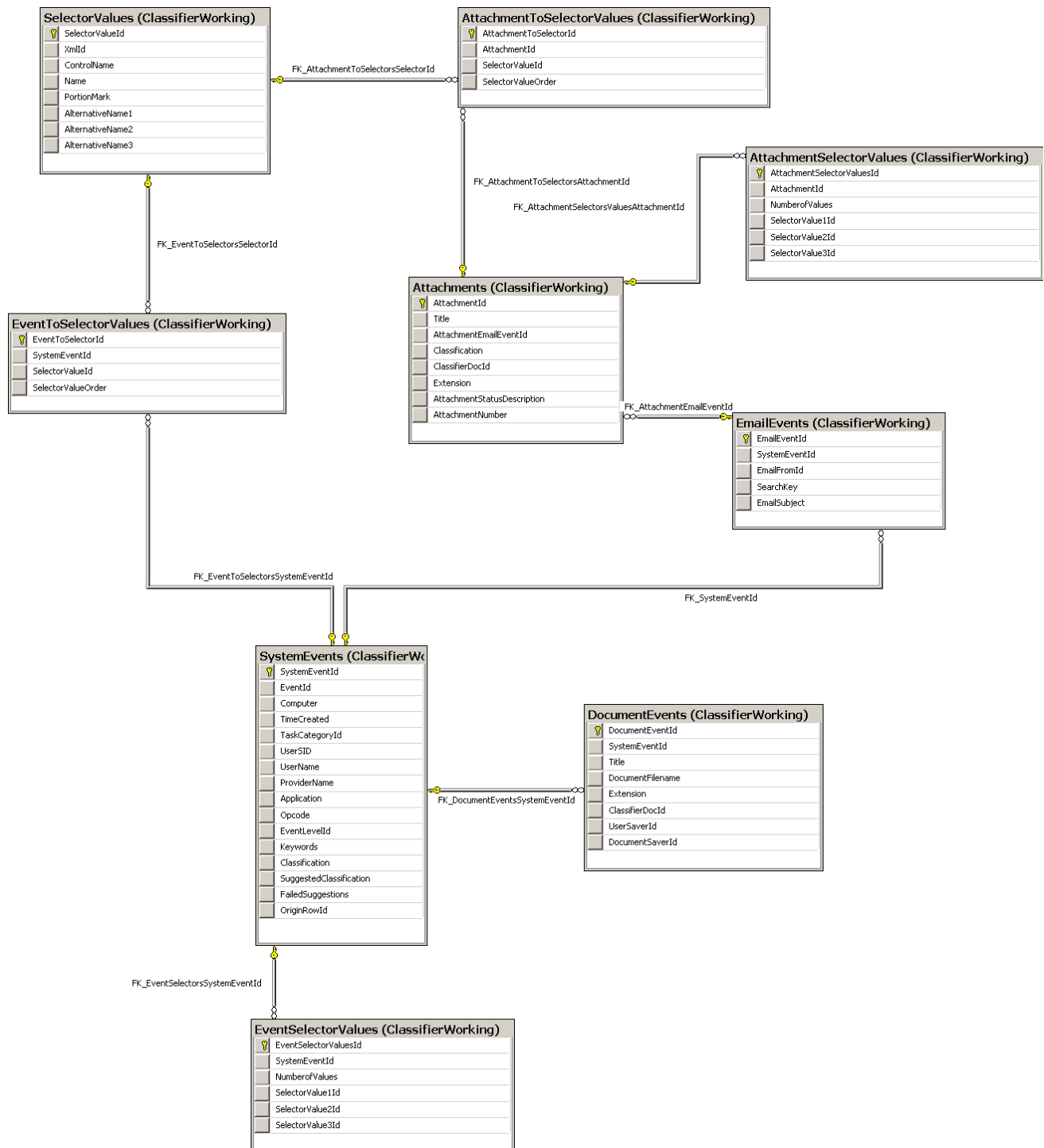


Figure 3 Partial ClassifierWorking Schema showing relationships between Tables holding parsed Classification data

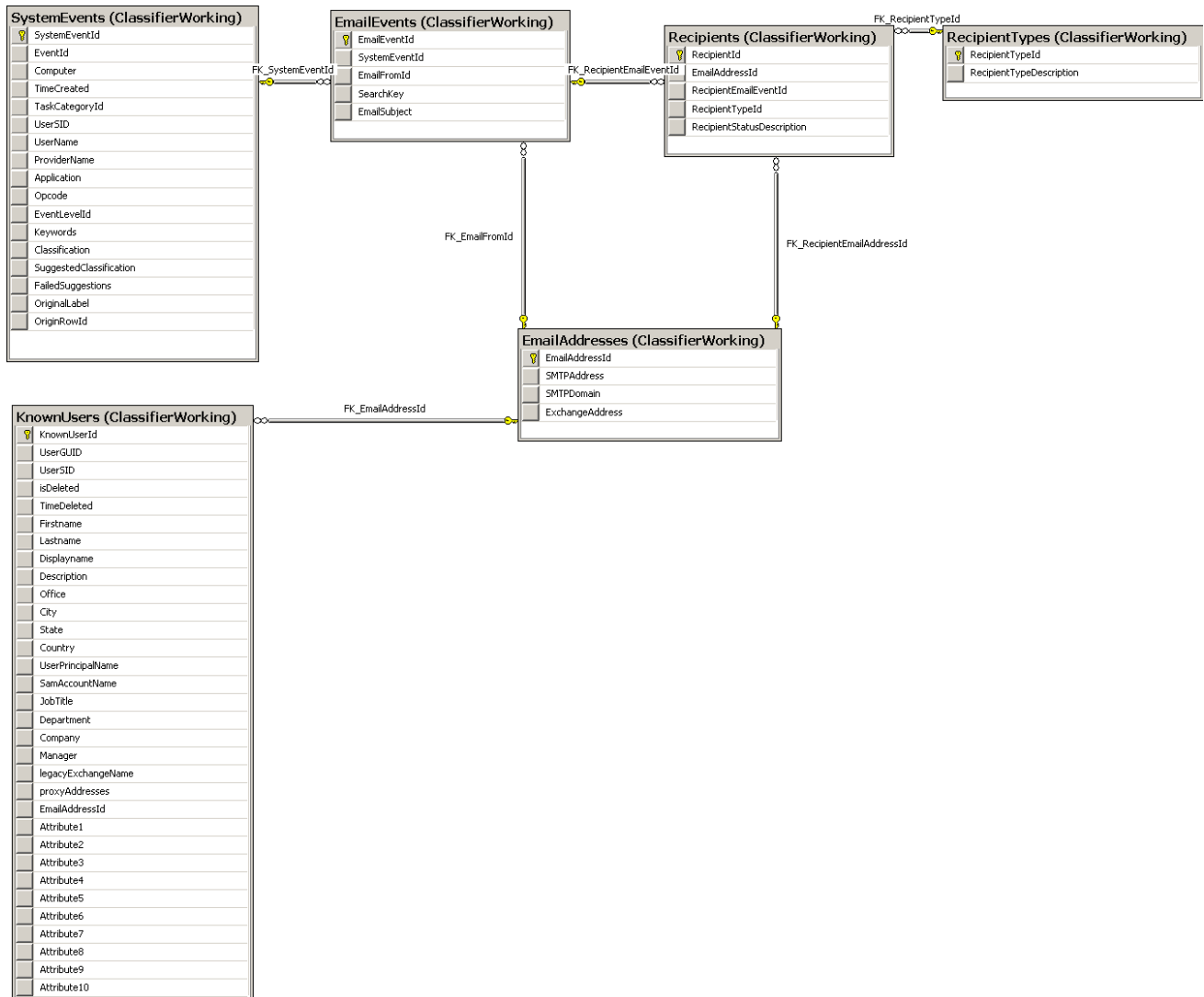


Figure 4 Partial ClassifierWorking Schema showing relationships between Tables holding Users and Email tables.

2.3.1 Temporary Tables

These tables are for internal use only. They are used by stored procedures to temporarily hold data during processing. In previous versions of the database, the tables were created and destroyed by the stored procedures. The tables now permanently reside in the database but do not contain data except during stored procedure processing.

Table	Used by stored procedure	Version
ClassifierStaging._StagedDocumentEvents	usp_DocumentEventsWorkingInsert	1.3.0
ClassifierStaging._StagedEmailEvents	usp_EmailEventsWorkingInsert	1.3.0
ClassifierWorking._AddressTable	usp_EmailEventsWorkingInsert	1.2.5 ²
ClassifierWorking._EETable	usp_EmailEventsWorkingInsert	1.2.5 ³
ClassifierWorking._Fragmentation	usp_ReorganizeIndices	1.2.5
ClassifierWorking._IndexCommands	usp_ReorganizeIndices	1.2.5
ClassifierWorking._RecipTable	usp_EmailEventsWorkingInsert	1.2.5 ⁴
ClassifierWorking._RecordsToDelete	usp_DeleteData	1.2.5
ClassifierWorking._StagedAttachment2	usp_EmailEventsWorkingInsert	1.2.5
ClassifierWorking._SVIds_1	usp_EventSelectorValueInsert	1.2.5
ClassifierWorking._SVIds_2	usp_EventSelectorValueInsert	1.2.5
ClassifierWorking._SVIds_3	usp_EventSelectorValueInsert	1.2.5

² Removed in V1.4.0, reinstated in V1.4.1

³ Removed in V1.4.0, reinstated in V1.4.1

⁴ Removed in V1.4.0, reinstated in V1.4.1

2.4 ClassifierReporting Schema

View	Description	Version
<u>ClassificationChanges</u>	View to show details, including the Users Name, Application, Classifiers Advice and the Events Classification, from Label Change Events	1.2.5
<u>ClassificationSummary</u>	View showing a summary of all Event Classifications.	1.2.5
<u>ClassifierIssues</u>	View showing details of Classifier General Events	1.2.5
<u>DocumentClassificationTrends</u>	View showing the Classification from Document Save Events.	1.2.5
<u>EmailClassificationTrends</u>	View showing the Classification from Email Send Events.	1.2.5
<u>MAIssues</u>	View showing details of Management Agent Events	1.2.5
<u>OverviewAllChecks</u>	View to show details, including the Classification, from Email and Document Check Events	1.2.5
<u>OverviewClassifications</u>	View to show the Time and Classification in Email Send and Document Open Events	1.2.5
<u>PolicyCheckBreakDown</u>	View to show details, including the Users Application, from Email and Document Check Events	1.2.5
<u>PolicyChecksWithAdvisories</u>	View to show details, including the Users Application and Classifiers Advice, from Email and Document Check Events	1.2.5
<u>PolicyDistribution</u>	View showing Classifier Policies applied to Users.	1.2.5
<u>PolicyWarningTrends</u>	View to show details, including the Users Application and Classifiers Advice, from Email and Document Check Events	1.2.5
<u>ReportAttTypesbyClassification</u>	View showing details of the SMTP domains of recipients of Email Send Events.	1.2.5
<u>ReportTotalDocumentsbyClassificationUser</u>	View showing details of Classifier Document Save Events	1.2.5
<u>ReportTotalEmailsbyClassificationDomain</u>	View showing details of the SMTP domains of recipients of Email Send Events.	1.2.5
<u>ReportTotalEmailsbyClassificationUser</u>	View showing details of Classifier Email Send Events	1.2.5

2.5 ClassifierReporting2 Schema

View	Description	Version
ClassificationChanges	View to show details, including the Users Name, Application, Classifiers Advice and the first three parsed selector values from the Events Classification, from Label Change Events	1.2.5
ClassificationSummary	View showing a summary of all Event Classifications parsed into selector values for sent emails and saved documents. The first three parsed selector values are shown.	1.2.5
DocumentClassificationTrends	View showing the first three selector values parsed from the Classification in Document Save Events.	1.2.5
EmailClassificationTrends	View showing the first three selector values parsed from the Classification in Email Send Events.	1.2.5
FormattedClassifications	View to show the first three individual selector values parsed from an Event Classification.	1.2.5
OverviewClassifications	View to show the Time and first three individual selector values parsed from the Classifications for sent emails and saved documents.	1.2.5
ReportDocumentLabelChanges	View shows details of Document Check Events where the Classification has been changed	1.2.5
ReportEmailLabelChanges	View shows details of Email Check Events where the Classification has been changed	1.2.5
ReportUserByClassificationByFilenameByTime	View showing details of Classifier Document Save Events	1.2.5
SharePoint	View showing details of SharePoint Events	1.2.5
UnusualClassifications	View to show details of Events whose Classification could not be parsed into individual selector values	1.2.5

2.6 ClassifierReporting3 Schema

View	Description	Version
Computers	View shows details of Computers imported from the Active Directory.	1.3
Departments	View showing the names of User's departments and the wild card %.; View is used to select User input for a report.	1.3
DocumentClassifierActivity	View showing classifier activity on Documents	1.3
DocumentLabelDowngrade	View listing the user and time of all document label downgrade events.	1.3

Reasons	View showing all the non-null reasons supplied by users to a classifier event check challenge.	1.3
SelectorValueNames	View showing the names of selector values used as the first value in parsed classifications.	1.3
SelectValueNamesAndWC	View showing the names of selector values used as the first value in parsed classifications and the wild card %.; View is used to select User input for a report.	1.3
UserClassifierActivity	View showing User classifier check activities on documents and emails.	1.3
UserResponseActivity	View showing User's responses to classifier checks	1.3

See the section [ClassifierReporting3 stored procedures](#) for details of the schema's stored procedures and the section [ClassifierReporting3 functions](#) for details of the schema's table valued functions.

2.7 ClassifierReporting4 Schema

View	Description	Version
BoxClassifierEvents	View to show details of all BoxClassifier events.	1.4.0
ClassificationSummary	View showing a summary of all Event Classifications parsed into selector values for sent emails, saved documents and labels applied by File Classifier. The first three parsed selector values are shown.	1.4.0
OverviewClassifications	View to show the Time and first three individual selector values parsed from the Classifications for sent emails, saved documents and labels applied by File Classifier.	1.4.0
ServiceStatusActiveDirectory	View to show the status of the Classifier Reporting Active Directory Service.	1.4.0
ServiceStatusEventLog	View to show the status of the Classifier Reporting Event Log Service.	1.4.0
SharePointEvents	View to show details of all SharePoint events.	1.4.0
ActivatedUsers	View to identify users which have successfully initialised classifier.	1.4.0
ActivatedUsersStatusSummary	View to show the activation date and recent error and success dates for all activated users that have errors.	1.4.0
ActivatedUsersStatusSummaryEx	View to show the activation date and recent error and success dates for all activated users that have errors.	1.4.1

ApplicationNamesAndWC	View listing the names of all application supported by classifier (plus the wildcard character % to use for all applications)	1.4.0
FileClassifierEvents	View showing details of File Classifier Events	1.4.0
UserResponseActivityEx	Extended version of the UserReponseActivity report	1.4.1

2.8 Default Schema

View	Description	Version
ClassifierEventsDBVersion	View enabling a Service to check the database version	1.2.5

3 TABLE DATA DICTIONARY

3.1 ClassifierStaging

3.1.1 ApplicationNames

Key ⁵	Name	Data Type (Size)	Mandatory ⁶	Masked ⁷	Description	Version
	ApplicationName	NVARCHAR(128)	YES	NO	The equivalent application name to the provider name.	1.2.5
P	ApplicationNameId	INT	YES	NO	Auto-generated Primary key identifier.	1.2.5
	OfficeProductId	INT	YES	NO	Internal identifier for the application name.	1.2.5
	ProviderName	NVARCHAR(128)	YES	NO	Provider Name representing the name of the Classifier application recording the event.	1.2.5

The table is defined with the following values

ApplicationName	OfficeProductId	ProviderName
Word	1	Classifier Addin - Word
Excel	2	Classifier Addin - Excel
PowerPoint	3	Classifier Addin - PowerPoint
Visio	4	Classifier Addin - Visio
Project	5	Classifier Addin - Project

⁵ Indicates if the field is a Primary (P) or Foreign (F) key.

⁶ Indicates if a field should be present (YES) or is optional (NO). Mandatory fields are defined in SQL as being NON-NULL.

⁷ Indicates if the data in the column is masked using Dynamic Data Masking.

Outlook	6	Classifier Addin - Outlook
OWA	NULL	Classifier Addin - OWA
Lotus Notes	NULL	Notes Classifier
AutoCAD	NULL	CAD Classifier
SharePoint	NULL	SharePoint Classifier
File Classifier	NULL	File Classifier
Power Classifier	NULL	Power Classifier
Classifier Administration Console	NULL	Classifier Administration
Mobile Classifier	NULL	Mobile Classifier
Classifier Management Agent	NULL	Boldon James Auditing-Classifier-Management Agent
Box Classifier	NULL	Box Classifier

3.1.2 ServiceStatusActiveDirectory

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
P	ActiveDirectoryID	BIGINT	YES	NO	Auto-generated Primary Key Identifier.	1.4.0
	PollTime	DATETIME2	YES	NO	The date and time of the last service poll.	1.4.0
	ComputerName	NVARCHAR(2048)	YES	NO	Name of computer running the Classifier Reporting Active Directory Service.	1.4.0
	ComputersAdded	BIGINT	YES	NO	Number of Active Directory Computer objects added since last service poll.	1.4.0
	ComputersDeleted	BIGINT	YES	NO	Number of Active Directory Computer objects deleted since last service poll.	1.4.0
	UsersAdded	BIGINT	YES	NO	Number of Active Directory User objects added since last service poll.	1.4.0
	UsersDeleted	BIGINT	YES	NO	Number of Active Directory User objects deleted since last service poll.	1.4.0

3.1.3 ServiceStatusEventLog

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
P	EventLogID	BIGINT	YES	NO	Auto-generated Primary Key Identifier.	1.4.0
	PollTime	DATETIME2	YES	NO	The date and time of the last service poll.	1.4.0
	ComputerName	NVARCHAR(2048)	YES	NO	Name of computer running the Classifier Reporting Event Log Service.	1.4.0
	EventsProcessed	BIGINT	YES	NO	Number of events processed since last service poll.	1.4.0
	EventsSkipped	BIGINT	YES	NO	Number of events skipped since last service poll.	1.4.0

3.1.4 StagedAttachments

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	AttachmentDocumentIndex	NVARCHAR(250)	NO	NO	Attachment Document index of the attachment.	1.2.5
	AttachmentNumber	SMALLINT	YES	NO	Unique number of the attachment for each event.	1.2.5
	AttachmentStatusDescription	NVARCHAR(32)	NO	NO	Description of the status of the attachment in HWM checks. Must be one of FAILED, SUCCEEDED, And INACCESSIBLE.	1.2.5
	Classification	NVARCHAR(2048)	NO	NO	The Classification of the attached document.	1.2.5
	ClassifierDocId	NVARCHAR(128)	NO	NO	The ClassifierDocId of the attachment.	1.2.5
	Extension	NVARCHAR(260)	NO	NO	The filename extension of the attached document.	1.2.5
	FileName	NVARCHAR(260)	NO	NO	The title of the attachment.	1.2.5
	SISL	NVARCHAR(260)	NO	NO	XML encoding of the Classification.	1.2.5
	StagedAttachmentEmailEventId	INT	YES	NO	Foreign Key to the StagedEmailEvent table. ⁸	1.2.5
P	StagedAttachmentId	INT	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	StagedAttachmentRowId	UNIQUEIDENTIFIER	YES	NO	Auto-generated Unique Row Identifier.	1.2.5

⁸ Foreign key constraint removed in V1.3.0 but column should index the StagedEmailEvent table
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3.1.5 StagedAttachmentSelectorValue

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	AttachmentNumber	SMALLINT	YES	NO	Unique number of the attachment for each event.	1.2.5
	SelectorValueOrder	SMALLINT	YES	NO	The order of the parsed selector value in the attachments label.	1.2.5
P	StagedAttachmentSelectorValueId	INT	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	StagedEmailEventId	INT	YES	NO	Foreign Key to StagingEmailEvent that contains the Attachment that has the parsed selector value. ⁹	1.2.5
	Value	NVARCHAR(256)	NO	NO	The value of the parsed selector value.	1.2.5
	XmlId	NVARCHAR(256)	YES	NO	The XML identifier of the parsed selector value.	1.2.5

⁹ Foreign key constraint removed in V1.3.0 but column should index the StagedEmailEvent table
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3.1.6 StagedComputers

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	Attribute1	NVARCHAR(2048)	NO	NO	Configurable attribute 1 of the computer from AD. ¹⁰	1.2.5
	Attribute10	NVARCHAR(2048)	NO	NO	Configurable attribute 10 of the computer from AD.	1.2.5
	Attribute2	NVARCHAR(2048)	NO	NO	Configurable attribute 2 of the computer from AD.	1.2.5
	Attribute3	NVARCHAR(2048)	NO	NO	Configurable attribute 3 of the computer from AD.	1.2.5
	Attribute4	NVARCHAR(2048)	NO	NO	Configurable attribute 4 of the computer from AD.	1.2.5
	Attribute5	NVARCHAR(2048)	NO	NO	Configurable attribute 5 of the computer from AD.	1.2.5
	Attribute6	NVARCHAR(2048)	NO	NO	Configurable attribute 6 of the computer from AD.	1.2.5
	Attribute7	NVARCHAR(2048)	NO	NO	Configurable attribute 7 of the computer from AD.	1.2.5
	Attribute8	NVARCHAR(2048)	NO	NO	Configurable attribute 8 of the computer from AD.	1.2.5
	Attribute9	NVARCHAR(2048)	NO	NO	Configurable attribute 9 of the user from AD.	1.2.5
	Company	NVARCHAR(512)	NO	NO	Company.	1.2.5
	ComputerGUID	VARCHAR(56)	YES	NO	AD GUID of computer.	1.2.5
	ComputerName	NVARCHAR(64)	YES	NO	Pre Windows 2000 Computer Name.	1.2.5
	DCType	NVARCHAR(512)	YES	NO	DC Type.	1.2.5
	Description	NVARCHAR(1024)	NO	NO	Description.	1.2.5
	DNSName	NVARCHAR(2048)	YES	NO	DNS host name of the computer.	1.2.5

¹⁰ Configurable attributes are not currently supported.
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	isDeleted	VARCHAR(5)	NO	NO	Set to true if the computer has been deleted in AD.	1.2.5
	OperatingSystemName	NVARCHAR(512)	NO	NO	Operating System Name.	1.2.5
	OperatingSystemServicePack	NVARCHAR(512)	NO	NO	Operating System Service Pack.	1.2.5
	OperatingSystemVersion	NVARCHAR(512)	NO	NO	Operating System Version.	1.2.5
	Site	NVARCHAR(2048)	NO	NO	Physical location or network, usually defined only for Domain Controllers.	1.2.5
p	StagedComputerEventId	INT	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	StagedComputerRowId	UNIQUEIDENTIFIER	YES	NO	Auto-generated Unique Row Identifier.	1.2.5
	TimeDeleted	DATETIME2 ¹¹	NO	NO	Time that the AD service first identifies that the computer has been deleted in AD.	1.2.6

¹¹ Type changed from DATETIME to DATETIME2 in V1.2.6
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3.1.7 StagingDocumentEvents

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	Advisory	NVARCHAR(32)	NO	NO	The level of the warning from Warning, Prevent, Ignored.	1.2.5
	Classification	NVARCHAR(2048)	NO	NO	The Classification of the Document.	1.2.5
	ClassifierDocId	NVARCHAR(512)	NO	NO	The Classifier document id of the document.	1.2.5
	ClassifierLicenceError	NVARCHAR(128)	NO	NO	Classifier Licence Error message.	1.2.5
	Computer	NVARCHAR(2048)	YES	NO	Computer name where the Classifier event occurred.	1.2.5
	ContentGroupsChecked	NVARCHAR(512)	NO	NO	Groups for Document content checks.	1.2.5
	DocumentFilename	NVARCHAR(2048)	NO	NO	The long path and name of the document.	1.2.5
	DocumentSaverId	NVARCHAR(512)	NO	NO	The Classifier document saver of the document.	1.2.5
	EventId	INT	YES	NO	Event Identifier (EventGeneralDescription). ¹²	1.2.5
	EventLevelId	TINYINT	YES	NO	Event level value. ¹³	1.2.5
	Extension	NVARCHAR(260)	NO	NO	The filename extension of the document.	1.2.5
	FailedSuggestions	NVARCHAR(2048)	NO	NO	Suggested classifications not applied to a document.	1.2.5
	Keywords	NVARCHAR(2048)	YES	NO	Event keywords.	1.2.5
	LabelConfiguration	NVARCHAR(128)	NO	NO	The name of the Classifier configuration being used.	1.2.5
	LabelConfigurationLocation	NVARCHAR(512)	NO	NO	The location of the Classifier configuration being used. Filestore or AD.	1.2.5

¹² Not a formal foreign key but should be one of the values in the [EventGeneralDescription](#) table.

¹³ Not a formal foreign key but should be one of the values in the [Event Level](#) table.

	LabelConfigurationLocationPath	NVARCHAR(512)	NO	NO	The path and filename of the Classifier configuration being used.	1.2.5
	LabelConfigurationPolicy	NVARCHAR(128)	NO	NO	The name of the Classifier Policy being used.	1.2.5
	Opcode	INT	YES	NO	Event opcode.	1.2.5
	OriginalLabel	NVARCHAR(2048)	NO	NO	The original label of the email. Only relevant when label has been changed.	1.2.5
	ProcessId	INT	YES	NO	Numeric identifier of the process that created the event.	1.2.5
	ProviderName	INT	YES	NO	Provider Name representing the name of the Classifier application recording the event. ¹⁴	1.2.5
	Quarantined	BIT	YES	NO	Indicates if this record has a problem and has been quarantined (e.g. 1=TRUE) ¹⁵ .	1.2.5
	Reason	NVARCHAR(512)	NO	NO	The reason, or challenge text, that the user provided for the override.	1.2.5
P	StagedDocumentEventId	INT	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	StagedDocumentRowId	UNIQUEIDENTIFIER	YES	NO	Auto-generated Unique Row Identifier.	1.2.5
	SuggestedClassification	NVARCHAR(2048)	NO	NO	Classification added by a Suggested Classification Calculation.	1.2.5
	TaskCategoryId	SMALLINT	YES	NO	TaskCategoryId ¹⁶ .	1.2.5
	ThreadId	INT	YES	NO	Numeric identifier of the thread that created the event.	1.2.5

¹⁴ ¹⁴ Should be one of the ProviderNames in the [ApplicationNames](#) table.

¹⁵ Quarantining is not currently supported. Record should be written with the values N'FALSE' for this field.

¹⁶ Not a formal foreign key but should be one of the values in the [TaskCategories](#) table.

	TimeCreated	DATETIME2 ¹⁷	YES	NO	Creation time of the Classifier event.	1.2.6
	Title	NVARCHAR(2048)	NO	NO	The filename of the document.	1.2.5
	UserAction	NVARCHAR(32)	NO	NO	The user action, such as downgrade, that caused the check to happen.	1.2.5
	UserId	NVARCHAR(128)	YES	NO	UserId - SID of user creating event.	1.2.5
	UserName	NVARCHAR(32)	NO	NO	Computed User name - in domain\\user format.	1.2.5
	UserSaverId	NVARCHAR(512)	NO	NO	The user that saved the document.	1.2.5

¹⁷ Type changed from DATETIME to DATETIME2 in V1.2.6
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3.1.8 StagedDocumentEventsSelectorValue

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	SelectorValueOrder	SMALLINT	YES	NO	The order of the parsed selector value in the events label.	1.2.5
	StagedDocumentEventId	INT	YES	NO	Foreign Key to <u>StagingDocumentEvent</u> that contains the parsed Classification value ¹⁸	1.2.5
P	StagedDocumentEventSelectorValueId	INT	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	Value	NVARCHAR(256)	YES	NO	The value of the parsed selector value.	1.2.5
	XmlId	NVARCHAR(256)	YES	NO	The XML identifier of the parsed selector value.	1.2.5

¹⁸ Foreign key constraint removed in V1.3.0 but column should index the StagedDocumentEvent table
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3.1.9 StagedEmailEvents

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	Advisory	NVARCHAR(32)	NO	NO	The level of the warning from Warning, Prevent, Ignored.	1.2.5
	Classification	NVARCHAR(2048)	NO	NO	The textual representation for the Classification of the email	1.2.5
	ClassifierLicenceError	NVARCHAR(256)	NO	NO	Application generated license error message.	1.2.5
	Computer	NVARCHAR(2048)	YES	NO	Computer name where the Classifier event occurred.	1.2.5
	EmailDomain	NVARCHAR(510)	NO	NO	SMTP domain part of the SMTP address.	1.2.5
	EmailFrom	NVARCHAR(2048)	NO	NO	The From email address of the email.	1.2.5
	EmailSubject	NVARCHAR(512)	NO	NO	The subject of the email.	1.2.5
	EventId	INT	YES	NO	Event Identifier (EventGeneralDescription). ¹⁹	1.2.5
	EventLevelId	TINYINT	YES	NO	Event level value. ²⁰	1.2.5
	ExchangeAddress	NVARCHAR(2048)	NO	NO	Exchange email address.	1.2.5
	FailedSuggestions	NVARCHAR(2048)	NO	NO	Suggested classifications not applied to a message.	1.2.5
	Keywords	NVARCHAR(2048)	YES	NO	Event keywords.	1.2.5
	LabelConfiguration	NVARCHAR(256)	NO	NO	The name of the Classifier configuration being used.	1.2.5
	LabelConfigurationLocation	NVARCHAR(512)	NO	NO	The location of the Classifier configuration being used, e.g. Filestore or AD.	1.2.5

¹⁹ Not a formal foreign key but should be one of the values in the [EventGeneralDescription](#) table.

²⁰ Not a formal foreign key but should be one of the values in the [Event Level](#) table.

	LabelConfigurationLocationPath	NVARCHAR(512)	NO	NO	The path and filename of the Classifier configuration being used.	1.2.5
	LabelConfigurationPolicy	NVARCHAR(256)	NO	NO	The name of the Classifier policy being used.	1.2.5
	Opcode	INT	YES	NO	Event opcode.	1.2.5
	OriginalLabel	NVARCHAR(2048)	NO	NO	The original label of the Document. Only relevant when label has been changed.	1.2.5
	ProcessId	INT	YES	NO	Numeric identifier of the process that created the event.	1.2.5
	ProviderName	NVARCHAR(256)	YES	NO	Provider Name representing the name of the Classifier application recording the event. ²¹	1.2.5
	Quarantined	BIT	YES	NO	Indicates if this record has a problem and has been quarantined (e.g. 1=TRUE) ²² .	1.2.5
	Reason	NVARCHAR(512)	NO	NO	The reason, or challenge text, that the user provided for the override.	1.2.5
	SearchKey	NVARCHAR(512)	NO	NO	The Search key of the email.	1.2.5
	SizeOfItem	NVARCHAR(32)	NO	NO	The size of the email message.	1.2.5
P	StagedEmailEventId	INT	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	StagedEmailEventRowId	UNIQUEIDENTIFIER	YES	NO	Auto-generated Unique Row Identifier.	1.2.5
	SuggestedClassification	NVARCHAR(2048)	NO	NO	Classification added by a Suggested Classification Calculation.	1.2.5

²¹ Should be one of the ProviderNames in the [ApplicationNames](#) table.

²² Quarantining is not currently supported. Record should be written with the values N'FALSE' for this field

	TaskCategoryId	SMALLINT	YES	NO	TaskCategoryId ²³ .	1.2.5
	ThreadId	INT	YES	NO	Numeric identifier of the thread that created the event	1.2.5
	TimeCreated	DATETIME2 ²⁴	YES	NO	Creation time of the Classifier event.	1.2.6
	UserAction	NVARCHAR(32)	NO	NO	The user action, such as downgrade, that caused the check to happen.	1.2.5
	UserId	NVARCHAR(256)	YES	NO	UserId - SID of user creating event.	1.2.5
	UserName	NVARCHAR(2048)	NO	NO	Computed User name - in domain\user format.	1.2.5
	EmailAddressCH	INT	NO	NO	Place holder for checksum calculation - used to join tables in email event processing.	1.4.0

²³ Not a formal foreign key but should be one of the values in the [TaskCategories](#) table.

²⁴ Changed from DATETIME to DATETIME2 in V1.2.6

3.1.10 StagedEmailEventsSelectorValue

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	SelectorValueOrder	SMALLINT	YES	NO	The order of the parsed selector value in the events label.	1.2.5
	StagedEmailEventId	INT	YES	NO	Foreign Key to StagingEmailEvents table that contains the parsed Classification. ²⁵	1.2.5
P	StagedEmailEventSelectorValueId	INT	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	Value	NVARCHAR(256)	YES	NO	The value of the parsed selector value.	1.2.5
	XmlId	NVARCHAR(256)	YES	NO	The xml identifier of the parsed selector value.	1.2.5

²⁵ Foreign key constraint removed in V1.3.0 but column should index the StagedEmailEvents table
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3.1.11 StagedKnownUsers

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	Attribute1	NVARCHAR(2048)	NO	NO	Configurable attribute 1 of the Known User from AD. ²⁶	1.2.5
	Attribute10	NVARCHAR(2048)	NO	NO	Configurable attribute 10 of the Known User from AD.	1.2.5
	Attribute2	NVARCHAR(2048)	NO	NO	Configurable attribute 2 of the Known User from AD.	1.2.5
	Attribute3	NVARCHAR(2048)	NO	NO	Configurable attribute 3 of the Known User from AD.	1.2.5
	Attribute4	NVARCHAR(2048)	NO	NO	Configurable attribute 4 of the Known User from AD.	1.2.5
	Attribute5	NVARCHAR(2048)	NO	NO	Configurable attribute 5 of the Known User from AD.	1.2.5
	Attribute6	NVARCHAR(2048)	NO	NO	Configurable attribute 6 of the Known User from AD.	1.2.5
	Attribute7	NVARCHAR(2048)	NO	NO	Configurable attribute 7 of the Known User from AD.	1.2.5
	Attribute8	NVARCHAR(2048)	NO	NO	Configurable attribute 8 of the Known User from AD.	1.2.5
	Attribute9	NVARCHAR(2048)	NO	NO	Configurable attribute 9 of the Known User from AD.	1.2.5
	City	NVARCHAR(1024)	NO	NO	Location of the AD User.	1.2.5
	Company	NVARCHAR(64)	NO	NO	Company of the AD User...	1.2.5
	Country	NVARCHAR(3)	NO	NO	The Country/region code of the AD Users language. ²⁷	1.2.5
	Department	NVARCHAR(64)	NO	NO	Department the AD User...	1.2.5
	Description	NVARCHAR(1024)	NO	NO	Description of the AD User.	1.2.5

²⁶ Configurable attributes are not currently supported.

²⁷ Two character country code based on the ISO 3166 -1 alpha 2 standard. (As used in Active Directory).

	Displayname	NVARCHAR(64)	NO	NO	Display name of the AD User.	1.2.5
	Firstname	NVARCHAR(64)	NO	NO	First name of the AD User.	1.2.5
	isDeleted	VARCHAR(5)	NO	NO	Set to true if the User has been deleted in AD.	1.2.5
	JobTitle	NVARCHAR(128)	NO	NO	Job title of the AD User.	1.2.5
	Lastname	NVARCHAR(64)	NO	NO	Last name of the AD User.	1.2.5
	legacyExchangeName	NVARCHAR(1024)	NO	NO	Legacy Exchange DN of the AD User.	1.2.5
	mail	NVARCHAR(1142)	NO	NO	Email address of the AD User.	1.2.5
	Manager	NVARCHAR(1024)	NO	NO	Manager of the AD User.	1.2.5
	Office	NVARCHAR(128)	NO	NO	Office of the AD User.	1.2.5
	proxyAddresses	NVARCHAR(2048)	NO	NO	Proxy addresses of the AD User.	1.2.5
	SamAccountName	NVARCHAR(256)	NO	NO	Legacy NetBIOS form of the AD Users login.	1.2.5
P	StagedKnownUserEvent Id	INT	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	StagedKnownUsersRow Id	UNIQUEIDENTIFIE R	YES	NO	Auto-generated Unique Row Identifier.	1.2.5
	State	NVARCHAR(128)	NO	NO	State or province of AD user.	1.2.5
	Templd	INT	NO	NO	Internal User Only.	1.2.5

	TimeDeleted	DATETIME2 ²⁸	NO	NO	Time that the AD service first identifies that the user has been deleted in AD.	1.2.6
	UserGUID	VARCHAR(56)	YES	NO	Unique Object GUID of the AD User.	1.2.5
	UserPrincipalName	NVARCHAR(1024)	NO	NO	UPN of the AD Users internet-style login name.	1.2.5
	UserSID	VARCHAR(184)	YES	NO	SID value of the AD User.	1.2.5

²⁸ Changed from DATETIME to DATETIME2 in V1.2.6
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3.1.12 StagedManagementEvents

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	AdditionalInformation	NVARCHAR(512)	NO	NO	Classifier Configuration Additional information.	1.2.5
	Computer	NVARCHAR(2048)	NO	NO	Computer the MA event was created on.	1.2.5
	ConfigPublishedLocation	NVARCHAR(512)	NO	NO	Classifier Published Configuration Location.	1.2.5
	ConfigPublishedLocationType	NVARCHAR(512)	NO	NO	Classifier Configuration Location Type.	1.2.5
	ConfigRetrievalLocation	NVARCHAR(512)	NO	NO	Location on the Users machine where Classifier configuration is retrieved from.	1.2.5
	ConfigurationLocation	NVARCHAR(512)	NO	NO	Location on the Users machine where Classifier configuration is retrieved from.	1.2.5
	EventId	INT	YES	NO	Event Identifier (EventGeneralDescription). ²⁹	1.2.5
	EventLevelId	TINYINT	YES	NO	Event level value. ³⁰	1.2.5
	IssueType	INT	YES	NO	Identifier for the Classifier status identified in the event. ³¹	1.2.5
	Keywords	NVARCHAR(2048)	YES	NO	Event keywords.	1.2.5
	OfficeProductId	INT	YES	NO	Identifier for the Office Product identified in the event. ³²	1.2.5
	OfficeVersion	NVARCHAR(256)	NO	NO	Identifier for the version of the Office Product identified in the event.	1.2.5
	Opcode	INT	YES	NO	Event opcode.	1.2.5

²⁹ Not a formal foreign key but should be one of the values in the [EventGeneralDescription](#) table.

³⁰ Not a formal foreign key but should be one of the values in the [Event Level](#) table.

³¹ Not a formal foreign key but should be one of the values in the [IssueTypes](#) table.

³² Not a formal foreign key but should be one of the OfficeProductId in the [ApplicationNames](#) table, or be 0.

	ProcessId	INT	YES	NO	Numeric identifier of the process that created the event.	1.2.5
	ProviderName	NVARCHAR(128)	YES	NO	Provider Name representing the name of the Classifier application recording the event. ³³	1.2.5
	SIDRunningApplication	NVARCHAR(256)	NO	NO	SID of the User running the Office Product identified in the event.	1.2.5
P	StagedManagementEventId	INT	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	StagedManagementEventRowId	UNIQUEIDENTIFIER	YES	NO	Auto-generated Unique Row Identifier.	1.2.5
	TaskCategoryId	SMALLINT	YES	NO	TaskCategoryId ³⁴ .	1.2.5
	ThreadId	INT	YES	NO	Numeric identifier of the thread that created the event.	1.2.5
	TimeCreated	DATETIME2 ³⁵	YES	NO	Creation time of the Classifier event.	1.2.6
	UserId	NVARCHAR(128)	YES	NO	User Id (SID).	1.2.5
	UserName	NVARCHAR(2048)	NO	NO	Computed user name – (domain\user format) of account running the MA.	1.2.5
	UserNameRunningApplication	NVARCHAR(2048)	NO	NO	Computed user name – (domain\user format) of the user running the Office Product identified in the event.	1.2.5
	WindowsVersion	NVARCHAR(246)	NO		Identifier for the version of Windows identified in the event.	1.2.5

³³ Should be one of the ProviderNames in the [ApplicationNames](#) table.

³⁴ Not a formal foreign key but should be one of the values in the [TaskCategories](#) table.

³⁵ Changed from DATETIME to DATETIME2 in V1.2.6

3.1.13 StagedRecipients

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	ExchangeAddress	NVARCHAR(2048)	NO	NO	Exchange email address.	1.2.5
	RecipientStatusDescription	NVARCHAR(32)	YES	NO	Description of the status of the recipient in clearance checks. Should be one of FAILED, SUCCEEDED, And INDETERMINATE.	1.2.5
	RecipientType	NVARCHAR(6)	YES	NO	Type of recipient (TO, CC or BCC).	1.2.5
	SMTPAddress	NVARCHAR(1142)	NO	NO	Full hostname@domain SMTP address.	1.2.5
	SMTPDomain	NVARCHAR(510)	NO	NO	SMTP domain part of the SMTP address.	1.2.5
	StagedRecipientEmailEventId	INT	YES	NO	Foreign Key to the StagedEmailEvent table. ³⁶	1.2.5
P	StagedRecipientId	INT	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	StagedRecipientRowId	UNIQUEIDENTIFIER	YES	NO	Unique identifier for the Recipient row.	1.2.5
	EmailAddressCH	INT	NO	NO	Place holder for checksum calculation - used to join tables in email event processing.	1.4.0

³⁶ Foreign key constraint removed in V1.3.0 but column should index the StagedEmailEvents table
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3.1.14 StagedBoxClassifierEvents

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	Classification	NVARCHAR(2048)	NO	NO	Classification of file added to Box.com	1.4.0
	Computer	NVARCHAR(2048)	YES	NO	Computer name where the Classifier event occurred.	1.4.0
	Filename	NVARCHAR(2048)	NO	NO	File added to Box.com	1.4.0
	EventId	INT	YES	NO	Event Identifier (EventGeneralDescription). ³⁷	1.4.0
	EventLevelId	TINYINT	YES	NO	Event level value. ³⁸	1.4.0
	Extension	NVARCHAR(260)	NO	NO	Extension of file added to Box.com	1.4.0
	Keywords	NVARCHAR(2048)	YES	NO	Event keywords.	1.4.0
	Opcode	INT	YES	NO	Event opcode.	1.4.0
	ProcessId	INT	YES	NO	Numeric identifier of the process that created the event.	1.4.0
	ProviderName	INT	YES	NO	Provider Name representing the name of the Classifier application recording the event. ³⁹	1.4.0
P	StagedBoxClassifierEventId	INT	YES	NO	Auto-generated Primary Key Identifier.	1.4.0
	StagedBoxClassifierRowId	UNIQUEIDENTIFIER	YES	NO	Auto-generated Unique Row Identifier.	1.4.0
	TaskCategoryId	SMALLINT	YES	NO	TaskCategoryId ⁴⁰ .	1.4.0
	ThreadId	INT	YES	NO	Numeric identifier of the thread that created the event.	1.4.0

³⁷ Not a formal foreign key but should be one of the values in the [EventGeneralDescription](#) table.

³⁸ Not a formal foreign key but should be one of the values in the [Event Level](#) table.

³⁹ ³⁹ Should be one of the ProviderNames in the [ApplicationNames](#) table.

⁴⁰ Not a formal foreign key but should be one of the values in the [TaskCategories](#) table.

	TimeCreated	DATETIME2 ⁴¹	YES	NO	Creation time of the Classifier event.	1.4.0
	UserId	NVARCHAR(128)	YES	NO	UserId - SID of user creating event.	1.4.0
	UserName	NVARCHAR(32)	NO	NO	Computed User name - in domain\user format.	1.4.0
	BoxFileId	BIGINT	NO	NO	Box.com file identifier.	1.4.0
	OriginalBoxClassification	NVARCHAR(2048)	NO	NO	Original box classification.	1.4.0
	BoxClassification	NVARCHAR(2048)	NO	NO	Box classification.	1.4.0

⁴¹ Type changed from DATETIME to DATETIME2 in V1.2.6
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3.1.15 StagedBoxClassifierEventSelectorValue

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	SelectorValueOrder	SMALLINT	YES	NO	The order of the parsed selector value in the events label.	
	StagedBoxClassifierEventId	INT	YES	NO	Foreign Key to StagingBoxClassifierEvents table that contains the parsed Classification. ⁴²	
P	StagedBoxClassifierEventSelectorValueId	INT	YES	NO	Auto-generated Primary Key Identifier.	
	Value	NVARCHAR(256)	YES	NO	The value of the parsed selector value.	
	XmlId	NVARCHAR(256)	YES	NO	The xml identifier of the parsed selector value.	

⁴² Foreign key constraint removed in V1.3.0 but column should index the StagedEmailEvents table
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3.2 ClassifierWorking

3.2.1 Attachments

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
F	AttachmentEmailEventId	BIGINT ⁴³	YES	NO	Foreign Key to the EmailEvent table.	1.2.5
P	AttachmentId	BIGINT ⁴⁴	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	AttachmentNumber	SMALLINT	YES	NO	unique number of the attachment for each event	1.2.5
	AttachmentStatusDescription	NVARCHAR(32)	YES	NO	Description of the status of the attachment in HWM checks. Must be one of FAILED, SUCCEEDED, INACCESSIBLE	1.2.5
	Classification	NVARCHAR(2048)	NO	NO	The Classification of the attached document.	1.2.5
	ClassifierDocId	NVARCHAR(128)	NO	NO	The ClassifierDocId of the attached document.	1.2.5
	Extension	NVARCHAR(260)	NO	NO	The filename extension of the attached document.	1.2.5
	Title	NVARCHAR(2048)	YES	YES	The filename of the attached document.	1.2.5

⁴³ Changed to BIGINT in V1.3.0

⁴⁴ Changed to BIGINT in V1.3.0

3.2.2 AttachmentSelectorValues

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
F	AttachmentId	BIGINT ⁴⁵	YES	NO	Foreign Key to the AttachmentTable to identify the attachment.	1.2.5
P	AttachmentSelectorValuesId	BIGINT ⁴⁶	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	NumberOfValues	SMALLINT	YES	NO	Number of selectors in the attachments classification, maximum is three at the moment.	1.2.5
	SelectorValue1Id	INT	NO	NO	Index of the first selector value parsed from the attachments classification. ⁴⁷	1.2.5
	SelectorValue2Id	INT	NO	NO	Index of the second selector value parsed from the attachments classification.	1.2.5
	SelectorValue3Id	INT	NO	NO	Index of the third selector value parsed from the attachments classification.	1.2.5

⁴⁵ Changed to BIGINT in V1.3.0

⁴⁶ Changed to BIGINT in V1.3.0

⁴⁷ SelectorValue1Id, SelectorValue2Id and SelectorValue3Id index records in the [SelectorValue](#) table but are not defined as foreign keys because one or two values could be NULL if the parsed Attachment Classification has less than three selector values.

3.2.3 AttachmentToSelectorValues

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
F	AttachmentId	BIGINT ⁴⁸	YES	NO	Foreign Key to the Attachment Table to identify the attachment.	1.2.5
P	AttachmentToSelectorId	BIGINT ⁴⁹	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
F	SelectorValueId	INT	YES	NO	Foreign Key to the parsed selector value table to identify the selector value in the Attachments label.	1.2.5
	SelectorValueOrder	SMALLINT	YES	NO	The order of the parsed selector value in the attachments label.	1.2.5

⁴⁸ Changed to BIGINT in V1.3.0

⁴⁹ Changed to BIGINT in V1.3.0

3.2.4 BoxClassifierEvents

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
P	BoxClassifierEventId	BIGINT	YES	NO	Auto-generated Primary Key Identifier.	1.4.0
F	SystemEventId	BIGINT	YES	NO	Foreign Key to the SystemEvents table	1.4.0
	BoxFileId	BIGINT	NO	NO	Box.com file id	1.4.0
	BoxClassification	NVARCHAR(2048)	NO	NO	Box classification	1.4.0

3.2.5 Computers

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	Attribute1	NVARCHAR(2048)	NO	NO	Configurable attribute 1 of the computer from AD. ⁵⁰	1.2.5
	Attribute10	NVARCHAR(2048)	NO	NO	Configurable attribute 10 of the computer from AD.	1.2.5
	Attribute2	NVARCHAR(2048)	NO	NO	Configurable attribute 2 of the computer from AD.	1.2.5
	Attribute3	NVARCHAR(2048)	NO	NO	Configurable attribute 3 of the computer from AD.	1.2.5
	Attribute4	NVARCHAR(2048)	NO	NO	Configurable attribute 4 of the computer from AD.	1.2.5
	Attribute5	NVARCHAR(2048)	NO	NO	Configurable attribute 5 of the computer from AD.	1.2.5
	Attribute6	NVARCHAR(2048)	NO	NO	Configurable attribute 6 of the computer from AD.	1.2.5
	Attribute7	NVARCHAR(2048)	NO	NO	Configurable attribute 7 of the computer from AD.	1.2.5
	Attribute8	NVARCHAR(2048)	NO	NO	Configurable attribute 8 of the computer from AD.	1.2.5
	Attribute9	NVARCHAR(2048)	NO	NO	Configurable attribute 9 of the user from AD.	1.2.5
	Company	NVARCHAR()	NO	NO	Company.	1.2.5
	ComputerGUID	VARCHAR(56)	YES	NO	AD GUID of computer.	1.2.5
P	ComputerId	BIGINT ⁵¹	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	ComputerName	NVARCHAR(64)	YES	YES	Pre Windows 2000 Computer Name.	1.2.5
	DCType	NVARCHAR(512)	YES	NO	DC Type.	1.2.5
	Description	NVARCHAR(1024)	NO	NO	Description.	1.2.5

⁵⁰ Configurable attributes are not currently supported.

⁵¹ Changed to BIGINT in V1.3.0

	DNSName	NVARCHAR(2048)	YES	YES	DNS host name of the computer.	1.2.5
	isDeleted	VARCHAR(5)	NO	NO	Set to true if the computer has been deleted in AD.	1.2.5
	OperatingSystemName	NVARCHAR(512)	NO	NO	Operating System Name.	1.2.5
	OperatingSystemServicePack	NVARCHAR(512)	NO	NO	Operating System Service Pack.	1.2.5
	OperatingSystemVersion	NVARCHAR(512)	NO	NO	Operating System Version.	1.2.5
	Site	NVARCHAR(2048)	NO	NO	Physical location or network, usually defined only for Domain Controllers.	1.2.5
	TimeDeleted	DATETIME2 ⁵²	NO	NO	Time that the AD service first identifies that the computer has been deleted in AD.	1.2.6

⁵² Changed to DATETIME2 in V1.2.6
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3.2.6 DocumentEvents

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	ClassifierDocId	NVARCHAR(512)	NO	NO	The Classifier document id of the document.	1.2.5
P	DocumentEventId	BIGINT ⁵³	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	DocumentFilename	NVARCHAR(2048)	NO	YES	The long path and name of the document	1.2.5
	DocumentSaverId	NVARCHAR(512)	NO	NO	The Classifier document saver of the document.	1.2.5
	Extension	NVARCHAR(260)	NO	NO	The filename extension of the document	1.2.5
F	SystemEventId	BIGINT ⁵⁴	YES	NO	Foreign Key to the SystemEvent table.	1.2.5
	Title	NVARCHAR(2048)	NO	YES	The filename of the document.	1.2.5
	UserSaverId	NVARCHAR(512)	NO	NO	The user that saved the document.	1.2.5

⁵³ Changed to BIGINT in V1.3.0

⁵⁴ Changed to BIGINT in V1.3.0

3.2.7 EmailAddresses

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
P	EmailAddressId	BIGINT ⁵⁵	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	ExchangeAddress	NVARCHAR(2048)	NO ⁵⁶	YES	Exchange email address.	1.2.5
	SMTPAddress	NVARCHAR(2048)	NO	YES	Full hostname@domain SMTP address.	1.2.5
	SMTPDomain	NVARCHAR(510)	NO	YES	SMTP domain part of the SMTP address.	1.2.5
	EmailAddressCH	INT	NO	NO	Holds checksum calculation used to join tables when processing email addresses.	1.4.0

⁵⁵ Changed to BIGINT in V1.3.0

⁵⁶ A record should contain either an Exchange or SMTP email address. This rule is not enforced by mandatory fields.

3.2.8 EmailEvents

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
P	EmailEventId	BIGINT ⁵⁷	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
F	EmailFromId	BIGINT ⁵⁸	YES	NO	Foreign Key to the EmailAddress table.	1.2.5
	EmailSubject	NVARCHAR(512)	NO	YES	The subject of the email.	1.2.5
	SearchKey	NVARCHAR(512)	NO	NO	The Search key of the email.	1.2.5
F	SystemEventId	INT	YES	NO	Foreign Key to the SystemEvents table.	1.2.5

⁵⁷ Changed to BIGINT in V1.3.0

⁵⁸ Changed to BIGINT in V1.3.0

3.2.9 Errors

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	ErrorLine	NVARCHAR(MAX)	NO	NO	Line number in the stored procedure where the error occurred.	1.2.5
	ErrorMessage	NVARCHAR(MAX)	NO	NO	Text of the message that caused the CATCH block of the stored procedure to be run.	1.2.5
	ErrorNumber	INT	NO	NO	Error number of the error message that caused the CATCH block of the stored procedure to be run.	1.2.5
	ErrorPlace	NVARCHAR(500)	NO	NO	Unused.	1.2.5
	ErrorProcedure	NVARCHAR(MAX)	NO	NO	Name of the stored procedure where the error occurred.	1.2.5
	ErrorSeverity	INT	NO	NO	Error severity of the error message that caused the CATCH block of the stored procedure to be run.	1.2.5
	ErrorState	INT	NO	NO	State number of the error message that caused the CATCH block of the stored procedure to be run.	1.2.5
	ErrorTime	DATETIME2	NO	NO	Date and time that the error was captured.	1.4.0

3.2.10 EventCheckDetails

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	Advisory	NVARCHAR(32)	NO	NO	The level of the warning from Warning, Prevent, Ignored.	1.2.5
	ContentGroupsChecked	NVARCHAR(32)	NO	NO	Groups for Document content checks.	1.2.5
P	EventCheckDetailId	BIGINT ⁵⁹	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	OriginalLabel	NVARCHAR(2048)	NO	NO	The original label of the label change event. Only relevant when label has been changed.	1.2.5
	Reason	NVARCHAR(1024)	NO	NO	The reason, or challenge text, that the user provided for the override.	1.2.5
	SizeOfItem	VARCHAR(32)	NO	NO	The size of the email message.	1.2.5
F	SystemEventId	BIGINT ⁶⁰	YES	NO	Foreign Key to the SystemEvent table.	1.2.5
	UserAction	NVARCHAR(32)	NO	NO	The user action, such as downgrade, that caused the check to happen.	1.2.5

⁵⁹ Changed to BIGINT in V1.3.0

⁶⁰ Changed to BIGINT in V1.3.0

3.2.11 EventGeneralDescriptions

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	EventGeneralDescription	NVARCHAR(1024)	YES	NO	The text of the general event e.g. "Classifier Initialised".	1.2.5
P	EventId	INT	YES	NO	Primary Key and the Events Identifier.	1.2.5
	EventStatusDescription	NVARCHAR(32)	YES	NO	The outcome of check events.	1.2.5
	EventType	NVARCHAR(64)	YES	NO	The type of the event. One of "DocumentEvent", "DocumentCheckEvent", "AdminEvent" etc.	1.2.5

This table is defined with the following values

EventId	EventGeneralDescription	EventStatusDescription	EventType
1000	Classifier Initialised	INFO	GeneralEvent
1001	Classifier is running in test mode	INFO	GeneralEvent
1002	Unable to find valid Classifier configuration	INFO	GeneralEvent
1005	Classifier licence error	INFO	GeneralEvent
1006	The .Net 3.5 framework is not installed	INFO	GeneralEvent
1007	Classifier supplementary information	INFO	GeneralEvent
1101	Sending an item	INFO	EmailEvent
1102	Saving an item	INFO	EmailEvent
1103	Opening an item	INFO	EmailEvent
1104	Closing an item	INFO	EmailEvent

1105	Printing an item	INFO	EmailEvent
1106	Failed to apply RMS policy	INFO	EmailEvent
1107	Failed to apply SMIME	INFO	EmailEvent
1108	Failed to access a ZIP file attachment	INFO	EmailEvent
1109	Originator clearance check	FAILED	EmailCheckEvent
1110	Originator clearance check	SUCCEEDED	EmailCheckEvent
1112	Recipient clearance check	FAILED	EmailCheckEvent
1113	Recipient clearance check	SUCCEEDED	EmailCheckEvent
1114	Message label validation check	FAILED	EmailCheckEvent
1115	Message label validation check	SUCCEEDED	EmailCheckEvent
1116	Attachment check	FAILED	EmailCheckEvent
1117	Attachment check	SUCCEEDED	EmailCheckEvent
1118	Label upgrade check	FAILED	EmailCheckEvent
1119	Label upgrade check	SUCCEEDED	EmailCheckEvent
1120	Label downgrade check	FAILED	EmailCheckEvent
1121	Label downgrade check	SUCCEEDED	EmailCheckEvent
1123	Label change check	FAILED	EmailCheckEvent
1124	Label change check	SUCCEEDED	EmailCheckEvent
1125	Label has been auto-upgraded due to a portion marking change	INFO	EmailEvent

1126	Warning failure has been overridden	INFO	EmailEvent
1127	Label has been auto-upgraded due to an attachment containing a higher label than the item	INFO	EmailEvent
1128	Label of an existing item in folder has been set	INFO	EmailEvent
1129	Label of an existing item in folder has been changed	INFO	EmailEvent
1130	Default label check	FAILED	EmailCheckEvent
1131	Default label check	SUCCEEDED	EmailCheckEvent
1132	Requesting user confirmation	INFO	EmailEvent
1133	Requesting user confirmation	INFO	EmailEvent
1134	Message content check	SUCCEEDED	EmailCheckEvent
1135	Message content check	FAILED	EmailCheckEvent
1136	Item has been added	INFO	DocumentEvent
1137	Item has been updated	INFO	DocumentEvent
1138	SMIME applied to item	INFO	EmailEvent
1139	Maximum subject length check	SUCCEEDED	EmailCheckEvent
1140	Maximum subject length check	FAILED	EmailCheckEvent
1141	Minimum subject length check	SUCCEEDED	EmailCheckEvent
1142	Minimum subject length check	FAILED	EmailCheckEvent
1143	Recipient type check	SUCCEEDED	EmailCheckEvent
1144	Recipient type check	FAILED	EmailCheckEvent

1145	Number of recipients check	SUCCEEDED	EmailCheckEvent
1146	Number of recipients check	FAILED	EmailCheckEvent
1147	Message size check	SUCCEEDED	EmailCheckEvent
1148	Message size check	FAILED	EmailCheckEvent
1149	Failed to apply RMS policy	INFO	EmailEvent
1150	Applied RMS policy	INFO	EmailEvent
1151	User has initiated a "Reply to all"	INFO	EmailEvent
1152	Message mandatory selector check	FAILED	EmailCheckEvent
1153	Message mandatory selector check	SUCCEEDED	EmailCheckEvent
1154	Message response recipients check	FAILED	EmailCheckEvent
1155	Message label expiration check	FAILED	EmailCheckEvent
1156	McAfee check failed	WARNING	EmailCheckEvent
1157	McAfee check succeeded	INFO	EmailCheckEvent
1158	Unlabelled attachment check	ERROR	EmailCheckEvent
1159	Unlabelled attachment check	INFO	EmailCheckEvent
1160	Suggested Classification not applied	INFO	EmailCheckEvent
1161	Suggested Classification applied automatically	INFO	EmailCheckEvent
1162	Suggested Classification check failed	ERROR	EmailCheckEvent
1163	Suggested Classification applied manually	INFO	EmailCheckEvent

1164	Suggested Classification calculation failed	ERROR	EmailCheckEvent
1165	Message sealpath failed	WARNING	EmailCheckEvent
1166	Message sealpath succeeded	INFO	EmailCheckEvent
1167	Attachment clearance check failed	ERROR	EmailCheckEvent
1168	Attachment clearance check succeeded	INFO	EmailCheckEvent
1169	Message selcore failed	WARNING	EmailCheckEvent
1170	Message selcore succeeded	INFO	EmailCheckEvent
1200	Saving a PowerPoint presentation	INFO	DocumentEvent
1201	Opening a PowerPoint presentation	INFO	DocumentEvent
1202	Closing a PowerPoint presentation	INFO	DocumentEvent
1203	A PowerPoint print has been initiated	INFO	DocumentEvent
1302	PowerPoint label validation check	FAILED	DocumentCheckEvent
1303	PowerPoint label validation check	SUCCEEDED	DocumentCheckEvent
1304	PowerPoint label upgrade check	FAILED	DocumentCheckEvent
1305	PowerPoint label upgrade check	SUCCEEDED	DocumentCheckEvent
1306	PowerPoint label downgrade check	FAILED	DocumentCheckEvent
1307	PowerPoint label downgrade check	SUCCEEDED	DocumentCheckEvent
1308	PowerPoint label change check	FAILED	DocumentCheckEvent
1309	PowerPoint label change check	SUCCEEDED	DocumentCheckEvent

1310	A PowerPoint warning failure has been overridden	INFO	DocumentEvent
1400	Saving a Word document	INFO	DocumentEvent
1401	Opening a Word document	INFO	DocumentEvent
1402	Closing a Word document	INFO	DocumentEvent
1403	A Word document print has been initiated	INFO	DocumentEvent
1502	Word label validation check	FAILED	DocumentCheckEvent
1503	Word label validation check	SUCCEEDED	DocumentCheckEvent
1504	Word label upgrade check	FAILED	DocumentCheckEvent
1505	Word label upgrade check	SUCCEEDED	DocumentCheckEvent
1506	Word label downgrade check	FAILED	DocumentCheckEvent
1507	Word label downgrade check	SUCCEEDED	DocumentCheckEvent
1508	Word label change check	FAILED	DocumentCheckEvent
1509	Word label change check	SUCCEEDED	DocumentCheckEvent
1510	A Word warning failure has been overridden	INFO	DocumentEvent
1511	A Word document label has been auto-upgraded due to a portion marking change	INFO	DocumentEvent
1600	Saving an Excel workbook	INFO	DocumentEvent
1601	Opening an Excel workbook	INFO	DocumentEvent
1602	Closing an Excel workbook	INFO	DocumentEvent
1702	Excel label validation check	FAILED	DocumentCheckEvent

1703	Excel label validation check	SUCCEEDED	DocumentCheckEvent
1704	Excel label upgrade check	FAILED	DocumentCheckEvent
1705	Excel label upgrade check	SUCCEEDED	DocumentCheckEvent
1706	Excel label downgrade check	FAILED	DocumentCheckEvent
1707	Excel label downgrade check	SUCCEEDED	DocumentCheckEvent
1708	Excel label change check	FAILED	DocumentCheckEvent
1709	Excel label change check	SUCCEEDED	DocumentCheckEvent
1710	An Excel warning failure has been overridden	INFO	DocumentEvent
1900	An item reclassification has succeeded	INFO	DocumentEvent
1901	An item reclassification has failed	INFO	DocumentEvent
2000	General Classifier issue	INFO	GeneralEvent
2100	File Classifier labelled	INFO	DocumentEvent
3000	Saving an item	INFO	DocumentEvent
3001	Opening an item	INFO	DocumentEvent
3002	Closing an item	INFO	DocumentEvent
3003	An item print has been initiated	INFO	DocumentEvent
3004	Document label validation check	FAILED	DocumentCheckEvent
3005	Document label validation check	SUCCEEDED	DocumentCheckEvent
3006	Label upgrade check	FAILED	DocumentCheckEvent

3007	Label upgrade check	SUCCEEDED	DocumentCheckEvent
3008	Label downgrade check	FAILED	DocumentCheckEvent
3009	Label downgrade check	SUCCEEDED	DocumentCheckEvent
3010	Label change check	FAILED	DocumentCheckEvent
3011	Label change check	SUCCEEDED	DocumentCheckEvent
3012	Warning failure has been overridden	INFO	DocumentEvent
3013	Default label check	SUCCEEDED	DocumentCheckEvent
3014	Default label check	FAILED	DocumentCheckEvent
3015	Requesting user confirmation	INFO	DocumentEvent
3016	Requesting user confirmation	INFO	DocumentEvent
3017	Failed to apply RMS policy	INFO	DocumentEvent
3018	Applied RMS policy	INFO	DocumentEvent
3019	Author label change check	FAILED	DocumentCheckEvent
3020	Author label change check	SUCCEEDED	DocumentCheckEvent
3021	Author property set on document	INFO	DocumentEvent
3022	Document mandatory selector check	FAILED	DocumentCheckEvent
3023	Document mandatory selector check	SUCCEEDED	DocumentCheckEvent
3024	Document content check	SUCCEEDED	DocumentCheckEvent
3025	Document content check	FAILED	DocumentCheckEvent

3026	Document label expiration check	FAILED	DocumentCheckEvent
3030	Suggested Classification not applied	INFO	DocumentCheckEvent
3031	Suggested Classification applied automatically	INFO	DocumentCheckEvent
3032	Suggested Classification check failed	ERROR	DocumentCheckEvent
3033	Suggested Classification applied manually	INFO	DocumentCheckEvent
3034	Suggested Classification calculation failed	ERROR	DocumentCheckEvent
3035	Document sealpath failed	WARNING	DocumentCheckEvent
3036	Document sealpath succeeded	INFO	DocumentCheckEvent
3037	Document selcore failed	WARNING	DocumentCheckEvent
3038	Document selcore succeeded	INFO	DocumentCheckEvent
3039	Document rms protected failed	WARNING	DocumentCheckEvent
3040	Document rms protected failed	INFO	DocumentCheckEvent
5007	Label configuration has been retrieved	INFO	AdminEvent
5008	Label configuration has been published	INFO	AdminEvent
5009	Failed to publish label configuration	INFO	AdminEvent
5011	Global settings have been changed	INFO	AdminEvent
5013	Audit settings have been changed	INFO	AdminEvent
5014	Audit settings have been changed	INFO	AdminEvent
5016	SMTP domain clearance has been changed	INFO	AdminEvent

5017	User clearance has been changed	INFO	AdminEvent
5018	Marking format has been created	INFO	AdminEvent
5019	Marking format has been copied	INFO	AdminEvent
5020	Policy has been copied	INFO	AdminEvent
5021	Policy has been deleted	INFO	AdminEvent
5022	Policy has been edited	INFO	AdminEvent
5023	Policy has been created	INFO	AdminEvent
5024	Marking format has been created	INFO	AdminEvent
5025	Label configuration has been created	INFO	AdminEvent
5026	Selector library has changed	INFO	AdminEvent
5027	Marking format has been changed	INFO	AdminEvent
5028	Policy selector has been changed	INFO	AdminEvent
5029	Policy rule has been changed	INFO	AdminEvent
5030	Label configuration has been deleted	INFO	AdminEvent
5031	Label configuration has been renamed	INFO	AdminEvent
5033	Configuration settings have been changed	INFO	AdminEvent
5034	Content library has been changed	INFO	AdminEvent
5035	Classifier administration tool has been initialised	INFO	AdminEvent
5036	Classifier administration tool is closing down	INFO	AdminEvent

5037	User interface definitions have been changed	INFO	AdminEvent
6000	Successfully updated clearance details in user certificate	INFO	AdminEvent
7000	Item Classification has been added to Box.com.	INFO	DocumentEvent
7001	Item Classification has been updated in Box.com.	INFO	DocumentCheckEvent
7002	Item has been deleted from Box.com.	INFO	DocumentEvent
7003	Item has been quarantined in Box.com.	INFO	DocumentEvent
7004	Item has been released from quarantine in Box.com.	INFO	DocumentEvent
7005	Release of the item from quarantine in Box.com failed.	WARNING	DocumentEvent
7006	Quarantine of the item failed in Box.com.	WARNING	DocumentEvent
7007	Deletion of the item failed in Box.com.	WARNING	DocumentEvent
7008	A required change to the item Classification failed in Box.com.	WARNING	DocumentEvent
8004	Sharepoint item changed	SUCCEEDED	DocumentEvent
8005	Sharepoint item changed	FAILED	DocumentEvent
8006	Sharepoint apply default label	SUCCEEDED	DocumentEvent
8007	Sharepoint apply default label	FAILED	DocumentEvent
8010	Sharepoint quarantine move	SUCCEEDED	DocumentEvent
8011	Sharepoint quarantine move	FAILED	DocumentEvent
8014	Sharepoint modify permissions for quarantine	SUCCEEDED	DocumentEvent
8015	Sharepoint modify permissions for quarantine	FAILED	DocumentEvent

11001	MA Service Stopped	INFO	ManagementEvent
11002	Configuration update succeeded	INFO	ManagementEvent
11003	Configuration update failed	INFO	ManagementEvent
12000	Client monitoring	INFO	ManagementEvent

3.2.12 EventGeneralDetails

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	ClassifierLicenceError	NVARCHAR(256)	NO	NO	The description of a Classifier Licence error.	1.2.5
P	EventGeneralDetailId	BIGINT ⁶¹	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	LabelConfiguration	NVARCHAR(128)	NO	NO	The name of the Classifier configuration being used.	1.2.5
	LabelConfigurationLocation	NVARCHAR(1024)	NO	NO	The location of the Classifier configuration being used. FileSystem or AD.	1.2.5
	LabelConfigurationLocationPath	NVARCHAR(1024)	NO	NO	The path and filename of the Classifier configuration being used.	1.2.5
	LabelConfigurationPolicy	NVARCHAR(128)	NO	NO	The name of the Classifier policy being used.	1.2.5
F	SystemEventId	INT	YES	NO	Foreign Key to the SystemEvent table.	1.2.5
	ConfigurationPublishDateTime	DateTime2	NO	NO	Date the Classifier configuration was published..	1.4.1
	ConfigurationPublishReason	NVARCHAR(512)	NO	NO	Reason for the publication of the Classifier configuration.	1.4.1
	ClassifierVersion	NVARCHAR(32)	NO	NO	Classifier version.	1.4.1
	ApplicationVersion	NVARCHAR(32)	NO	NO	Application version.	1.4.1
	OSVersion	NVARCHAR(32)	NO	NO	Operating system version	1.4.1

⁶¹ Changed to BIGINT in V1.3.0
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3.2.13 EventLevels

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	EventLevelDescription	NVARCHAR(32)	YES	NO	Standard Event Viewer levels of Information, Warning, Error, Critical, and Verbose.	1.2.5
P	EventLevelId	TINYINT	YES	NO	Event Level (Primary Key) Identifier.	1.2.5

This table is defined with the following values

EventLevels	EventLevelDescription
0	Verbose
1	Critical
2	Error
3	Warning
4	Information

3.2.14 EventSelectorValues

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
P	EventSelectorValuesId	BIGINT ⁶²	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	NumberOfValues	SMALLINT	YES	NO	Number of selectors in the events classification, current maximum is three.	1.2.5
	SelectorValue1Id	INT	NO	NO	Index of first selector value index parsed from the events classification. ⁶³	1.2.5
	SelectorValue2Id	INT	NO	NO	Index of second selector value parsed from the events classification.	1.2.5
	SelectorValue3Id	INT	NO	NO	Index of third selector value parsed from the events classification.	1.2.5
F	SystemEventId	BIGINT ⁶⁴	YES	NO	Foreign Key to the SystemEvent Table to identify the event.	1.2.5

⁶² Changed to BIGINT in V1.3.0

⁶³ ⁶³ SelectorValue1Id, SelectorValue2Id and SelectorValue3Id index records in the [SelectorValue](#) table but are not defined as foreign keys because one or two values could be NULL if the parsed Email or Document Classification has less than three selector values.

⁶⁴ Changed to BIGINT in V1.3.0

3.2.15 EventToSelectorValues

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
P	EventToSelectorId	BIGINT ⁶⁵	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
F	SelectorValueId	INT	YES	NO	Foreign Key to the parsed selector value table to identify the selector value in the events label.	1.2.5
	SelectorValueOrder	SMALLINT	YES	NO	The order of the parsed selector value in the events label.	1.2.5
F	SystemEventId	BIGINT ⁶⁶	YES	NO	Foreign Key to the SystemEvent Table to identify the event.	1.2.5

⁶⁵ Changed to BIGINT in V1.3.0

⁶⁶ Changed to BIGINT in V1.3.0

3.2.16 IssueTypes

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	IssueDescription	NVARCHAR(256)	YES	NO	Issue Type Description.	1.2.5
P	IssueTypeEntryId	INT	YES	NO	Auto-generated Primary key identifier.	1.2.5
	IssueTypeId	INT	YES	NO	Issue Type Event Id.	1.2.5

This table is defined with the following values

IssueTypeId	IssueDescription
0	⁶⁷
1	Office product running without Classifier
2	Classifier running in SafeMode
3	Classifier loaded by an Office Product
4	Unknown Classifier Issue ⁶⁸

⁶⁷ Empty string implying no issue.

⁶⁸ Version 1.0 & 1.1 Databases only.

3.2.17 KnownUsers

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	Attribute1	NVARCHAR(2048)	NO	NO	Configurable attribute 1 of the user from AD. ⁶⁹	1.2.5
	Attribute10	NVARCHAR(2048)	NO	NO	Configurable attribute 10 of the user from AD.	1.2.5
	Attribute2	NVARCHAR(2048)	NO	NO	Configurable attribute 2 of the user from AD.	1.2.5
	Attribute3	NVARCHAR(2048)	NO	NO	Configurable attribute 3 of the user from AD.	1.2.5
	Attribute4	NVARCHAR(2048)	NO	NO	Configurable attribute 4 of the user from AD.	1.2.5
	Attribute5	NVARCHAR(2048)	NO	NO	Configurable attribute 5 of the user from AD.	1.2.5
	Attribute6	NVARCHAR(2048)	NO	NO	Configurable attribute 6 of the user from AD.	1.2.5
	Attribute7	NVARCHAR(2048)	NO	NO	Configurable attribute 7 of the user from AD.	1.2.5
	Attribute8	NVARCHAR(2048)	NO	NO	Configurable attribute 8 of the user from AD.	1.2.5
	Attribute9	NVARCHAR(2048)	NO	NO	Configurable attribute 9 of the user from AD.	1.2.5
	City	NVARCHAR(1024)	NO	NO	Location of the AD User.	1.2.5
	Company	NVARCHAR(64)	NO	NO	Company the AD User works in.	1.2.5
	Country	NVARCHAR(3)	NO	NO	The Country/region code of the AD Users language. ⁷⁰	1.2.5
	Department	NVARCHAR(64)	NO	NO	Department the AD User works in.	1.2.5
	Description	NVARCHAR(1024)	NO	NO	Description of the AD User.	1.2.5
	Displayname	NVARCHAR(64)	NO	YES	Display name of the AD User.	1.2.5

⁶⁹ Configurable attributes are not currently supported.

⁷⁰ Two character country code based on the ISO 3166 -1 alpha 2 standard. (As used in Active Directory).

F	EmailAddressId	BIGINT ⁷¹	NO	NO	Foreign Key to the EmailAddress table.	1.2.5
	Firstname	NVARCHAR(64)	NO	YES	First name of the AD User.	1.2.5
	isDeleted	VARCHAR(5)	NO	NO	Set to true if the User has been deleted in AD.	1.2.5
	JobTitle	NVARCHAR(128)	NO	NO	Job title of the AD User.	1.2.5
P	KnownUserId	BIGINT ⁷²	YES	YES	Auto-generated Primary Key Identifier.	1.2.5
	Lastname	NVARCHAR(64)	NO	YES	Last name of the AD User.	1.2.5
	legacyExchangeName	NVARCHAR(1024)	NO	YES	Legacy Exchange DN of AD User.	1.2.5
	Manager	NVARCHAR(1024)	NO	NO	Manager of the AD User.	1.2.5
	Office	NVARCHAR(128)	NO	NO	Office of the AD User.	1.2.5
	proxyAddresses	NVARCHAR(2048)	NO	YES	Proxy addresses of the AD User.	1.2.5
	SamAccountName	NVARCHAR(256)	NO	YES	Legacy NetBIOS form of the AD Users login.	1.2.5
	State	NVARCHAR(128)	NO	NO	State or province of the AD Users location.	1.2.5
	TimeDeleted	DATETIME2 ⁷³	NO	NO	Time that the AD service first identifies that the user has been deleted in AD.	1.2.6
	UserGUID	VARCHAR(56)	YES	NO	Unique Object GUID value of the AD user.	1.2.5
	UserPrincipalName	NVARCHAR(1024)	NO	YES	UPN of the AD Users internet-style login name.	1.2.5
	UserSID	VARCHAR(184)	YES	NO	SID value of the AD user	1.2.5

⁷¹ Changed to BIGINT in V1.3.0

⁷² Changed to BIGINT in V1.3.0

⁷³ Changed from DATETIME to DATETIME2 in V1.2.6

3.2.18 ManagementEvents

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	IssueType	NVARCHAR(256)	YES	NO	Reference to the IssueType table. ⁷⁴	1.2.5
P	ManagementEventId	BIGINT ⁷⁵	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	OfficeProductName	NVARCHAR(256)	YES	NO	Name of the Office Product identified in the event. ⁷⁶	1.2.5
	OfficeVersion	NVARCHAR(256)	NO	NO	Identifier for the version of the Office Product identified in the event.	1.2.5
	SIDRunningApplication	NVARCHAR(256)	YES	NO	SID of the User running the Office Product identified in the event.	1.2.5
F	SystemEventId	BIGINT ⁷⁷	YES	NO	Foreign Key to the SystemEvent table.	1.2.5
	UserNameRunningApplication	NVARCHAR(2048)	NO	YES	Computed user name – (domain\user format) of the user running the Office Product identified in the event.	1.2.5
	WindowsVersion	NVARCHAR(256)	NO	NO	Identifier for the version of Windows identified in the event.	1.2.5

⁷⁴ Value should be one of the Issue Descriptions from the [IssueTypes](#) table.

⁷⁵ Changed to BIGINT in V1.3.0

⁷⁶ Value should be one of the ProviderNames in the [ApplicationNames](#) table.

⁷⁷ Changed to BIGINT in V1.3.0

3.2.19 Recipients

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
F	EmailAddressId	BIGINT ⁷⁸	YES	NO	Foreign Key to the EmailAddress table.	1.2.5
F	RecipientEmailEventId	BIGINT ⁷⁹	YES	NO	Foreign Key to the EmailEvent table.	1.2.5
P	RecipientId	BIGINT ⁸⁰	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	RecipientStatusDescription	NVARCHAR(32)	YES	NO	Description of the status of the recipient in clearance checks. Should be one of FAILED, SUCCEEDED, And INDETERMINATE.	1.2.5
F	RecipientTypeId	TINYINT	YES	NO	Foreign Key to the RecipientType table.	1.2.5

⁷⁸ Changed to BIGINT in V1.3.0

⁷⁹ Changed to BIGINT in V1.3.0

⁸⁰ Changed to BIGINT in V1.3.0

3.2.20 RecipientTypes

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	RecipientTypeDescription	NVARCHAR(16)	YES (UNIQUE)	NO	Textual description of the recipient type e.g. "TO".	1.2.5
P	RecipientTypeId	TINYINT	YES	NO	Primary key identifier of the recipient type. 0=TO;1=CC;2=BCC.	1.2.5

The table is defined with the following values

RecipientTypeId	RecipientTypeDescription
0	TO
1	CC
2	BCC

3.2.21 SelectorValues

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	AlternativeName1	NVARCHAR(128)	NO	NO	Alternative Name of the Selector Value.	1.2.5
	AlternativeName2	NVARCHAR(128)	NO	NO	Alternative Name of the Selector Value.	1.2.5
	AlternativeName3	NVARCHAR(128)	NO	NO	Alternative Name of the Selector Value.	1.2.5
	ControlName	NVARCHAR(128)	NO	NO	Name of the Control.	1.2.5
	Name	NVARCHAR(128)	YES	NO	Name of the Selector Value.	1.2.5
	PortionMark	NVARCHAR(128)	NO	NO	Optional Portion Mark.	1.2.5
P	SelectorValueId	INT	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
	XmlId	NVARCHAR(256)	YES	NO	XML (guid) identifier of the Selector Value.	1.2.5

3.2.22 ServiceStatusActiveDirectory

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
P	ActiveDirectoryID	BIGINT	YES	NO	Auto-generated Primary Key Identifier.	1.4.0
	PollTime	DATETIME2	YES	NO	The date and time of the last service poll.	1.4.0
	ComputerName	NVARCHAR(2048)	YES	NO	Name of computer running the Classifier Reporting Active Directory Service.	1.4.0
	ComputersAdded	BIGINT	YES	NO	Number of Active Directory Computer objects added since last service poll.	1.4.0
	ComputersDeleted	BIGINT	YES	NO	Number of Active Directory Computer objects deleted since last service poll.	1.4.0
	UsersAdded	BIGINT	YES	NO	Number of Active Directory User objects added since last service poll.	1.4.0
	UsersDeleted	BIGINT	YES	NO	Number of Active Directory User objects deleted since last service poll.	1.4.0

3.2.23 ServiceStatusEventLog

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
P	EventLogID	BIGINT	YES	NO	Auto-generated Primary Key Identifier.	1.4.0
	PollTime	DATETIME2	YES	NO	The date and time of the last service poll.	1.4.0
	ComputerName	NVARCHAR(2048)	YES	NO	Name of computer running the Classifier Reporting Event Log Service.	1.4.0
	EventsProcessed	BIGINT	YES	NO	Number of events processed since last service poll.	1.4.0
	EventsSkipped	BIGINT	YES	NO	Number of events skipped since last service poll.	1.4.0

3.2.24 SystemEvents

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	Application	NVARCHAR(128)	NO	NO	Application that caused the event - maps from ProviderName to application name e.g. Word ⁸¹	1.2.5
	Classification	NVARCHAR(2048)	NO	NO	The textual representation of the Classification of the information that this event relates to.	1.2.5
	Computer	NVARCHAR(2048)	YES	YES	Computer name where the Classifier event occurred.	1.2.5
	EventId	INT	YES	NO	Event Identifier (EventGeneralDescription). ⁸²	1.2.5
F	EventLevelId	TINYINT	YES	NO	Foreign Key to the EventLevel table.	1.2.5
	FailedSuggestions	NVARCHAR(2048)	NO	NO	Suggested classifications not applied to a document or message.	1.2.5
	Keywords	NVARCHAR(2048)	NO	NO	Event keywords.	1.2.5
	Opcode	INT	YES	NO	Event opcode.	1.2.5
	OriginRowId	UNIQUEIDENTIFIER	YES	NO	Row Identifier of the original entry in the appropriate Staging table, for example the row identifier of the StagingEmailEvent table if the event is an email event.	1.2.5
	OriginalLabel	NVARCHAR(2048)	NO	NO	Original label from the event.	1.4.0
	ProviderName	NVARCHAR(256)	YES	NO	Provider Name representing the name of the Classifier application recording the event. ⁸³	1.2.5

⁸¹ Not a formal foreign key but should be one of the ProviderNames in the [ApplicationNames](#) table.

⁸² Not a formal foreign key but should be one of the values in the [EventGeneralDescription](#) table.

⁸³ Should be one of the ProviderNames in the [ApplicationNames](#) table.

	SuggestedClassification	NVARCHAR(2048)	NO	NO	Classification added by a suggested classification calculation.	1.2.5
P	SystemEventId	BIGINT ⁸⁴	YES	NO	Auto-generated Primary Key Identifier.	1.2.5
F	TaskCategoryId	SMALLINT	YES	NO	Foreign Key to the TaskCategory table.	1.2.5
	TimeCreated	DATETIME2 ⁸⁵	YES	NO	Creation time of the Classifier event.	1.2.6
	UserName	NVARCHAR(2048)	NO	YES	Computed User name - in domain\user format.	1.2.5
	UserSID	NVARCHAR(128)	YES	NO	UserId - SID of user creating event.	1.2.5

⁸⁴ Changed to BIGINT in V1.3.0

⁸⁵ Changed from DATETIME to DATETIME2 in V1.2.6

3.2.25 TaskCategories

Key	Name	Data Type (Size)	Mandatory	Masked	Description	Version
	TaskCategoryDescription	NVARCHAR(512)	YES	NO	The description text of the task category.	1.2.5
P	TaskCategoryId	SMALLINT	YES	NO	Task Category (Primary Key) Identifier.	1.2.5

This table is defined with the following values

TaskCategoryId	TaskCategoryDescription
1	Classifier auditing
2	Outlook auditing
3	Word auditing
4	Excel auditing
5	PowerPoint auditing
6	Reclassification tool auditing
7	Recipient clearance check
8	High-water mark check
9	Originator clearance check
10	Label downgrade check
11	Label validity check
12	Label change check
13	Label upgrade check

14	Warning failure override
15	Label auto-upgrade
16	Classifier initialised
17	Project auditing
18	Visio auditing
19	OWA auditing
20	Rule
21	Policy
22	User clearance
23	Domain clearance
24	User defined messages
25	Selector library
26	Marking format library
27	Settings
28	Auditor
29	Classifier clearance extension
30	Default label check
31	User warning check
32	Marking library

33	Global settings
34	User message library
35	Configuration settings
36	Policy selector
37	Policy rule
38	SMTP domain clearance
39	Configuration transfer
40	Message content check
41	Content library
42	SharePoint Classifier auditing
43	User interface definitions
44	Maximum subject length check
45	Minimum subject length check
46	Recipient type check
47	Recipient count check
48	Message size check
49	Notes auditing
50	SMIME rule
51	RMS rule

52	Author label change check
53	Document author property
54	Reply to all check
55	Mandatory selector check
56	Document content check
57	Exchange Classifier auditing
58	File Classifier Auditing
59	Recipients on Response Check
60	Label Expiration Check
61	Exchange Classifier Administration Auditing
62	Mobile Classifier Auditing
63	McAfee HDLP Check
64	CAD Classifier Auditing
65	Condition Library
66	Unlabelled Attachment Check
67	Suggested Classification
68	Box Classifier
69	Admin clearance library
70	SELPATH auditing

71	Attachment Clearance check
72	SELCORE auditing
73	RMS protection check

3.3 Default Schema (dbo)

3.3.1 Settings

Database Version: 1.2 onwards

Key	Name	Data Type (Size)	Mandatory	Description	Version
	SettingDataType	NVARCHAR(50)	NO	The data type of the setting value i.e. how it should be interpreted.	1.2.5
	SettingDetail	NVARCHAR(50)	NO	Description of setting value	1.2.5
	SettingId	INT	YES	Unique row identifier of a table record	1.2.5
	SettingValue	NVARCHAR(50)	NO	The setting value	1.2.5

This table is defined with the following values

SettingId	SettingValue	SettingDataType	SettingDetail	Version
1	6	INT	Period for deletion routine in months	1.2.5
2	1.25	float	Database version number	1.2.5
3	0	float	Indices created	1.2.5

4 DATABASE INDICES

4.1 ClassifierStaging

Index Name	Table (Field)	Type	Version
PK_ApplicationNameId	ClassifierStaging.ApplicationNames	Clustered	1.2.5
IX_APPNAME_1	ClassifierStaging.ApplicationNames [ProviderName]	Non-Clustered Non-Unique	1.2.5
PK_StagedAttachmentId	ClassifierStaging.StagedAttachments	Clustered	1.2.5
PK_StagedAttachmentSelectorValueId	ClassifierStaging.StagedAttachmentSelectorValue	Clustered	1.2.5
PK_ComputerId	ClassifierStaging.StagedComputers	Clustered	1.2.5
PK_StagedDocumentEventId	ClassifierStaging.StagedDocumentEvents	Clustered	1.2.5
PK_StagedDocumentEventSelectorValueId	ClassifierStaging.StagedDocumentEventSelectorValue	Clustered	1.2.5
PK_StagedEmailEventId	ClassifierStaging.StagedEmailEvents	Clustered	1.2.5
PK_StagedEmailEventSelectorValueId	ClassifierStaging.StagedEmailEventSelectorValue	Clustered	1.2.5
PK_UserGUID	ClassifierStaging.StagedKnownUsers	Clustered	1.2.5
PK_ManagementId	ClassifierStaging.StagedManagementEvents	Clustered	1.2.5
PK_StagedRecipientId	ClassifierStaging.StagedRecipients	Clustered	1.2.5
PK_BoxClassifierId	ClassifierStaging.StagedBoxClassifierEvents	Clustered	1.4.0
PK_StagedBoxClassifierEventSelectorValueId	ClassifierStaging.StagedBoxClassifierEventSelectorValue	Clustered	1.4.0

PK_ActiveDirectoryID	ClassifierStaging.ServiceStatusActiveDirectory	Clustered	1.4.0
PK_EventLogID	ClassifierStaging.ServiceStatusEventLog	Clustered	1.4.0

4.2 ClassifierWorking

Index Name	Table (Field)	Type	Version
PK_AttachmentId	ClassifierWorking.Attachments	Clustered	1.2.5
IX_ATT_1	[ClassifierWorking].[Attachments]([AttachmentEmailEventId])	Non-Clustered Non-Unique	1.3.0
IX_ATT_2	[ClassifierWorking].[Attachments]([AttachmentNumber] ,[AttachmentEmailEventId])	Non-Clustered Non-Unique	1.3.0
AttachmentsNumberIx	ClassifierWorking.Attachments [AttachmentNumber]	Non-Clustered	1.2.5 ⁸⁶
PK_AttachmentSelectorValuesId	ClassifierWorking.AttachmentSelectorValues	Clustered	1.2.5
IX_ASV_1	[ClassifierWorking].[AttachmentSelectorValues]([AttachmentId])	Non-Clustered Non-Unique	
PK_AttachmentToSelectorId	ClassifierWorking.AttachmentToSelectorValues	Clustered	1.2.5
IX_ATSV_1	[ClassifierWorking].[AttachmentToSelectorValues]([AttachmentId])	Non-Clustered Non-Unique	1.3.0
IX_ATSV_2	[ClassifierWorking].[AttachmentToSelectorValues]([SelectorValueId])	Non-Clustered Non-Unique	1.3.0
PK_BoxClassifierId	ClassifierWorking.BoxClassifierEvents	Clustered	1.4.0
PK_ComputerId	ClassifierWorking.Computers	Clustered	1.2.5
IX_COMP_1	[ClassifierWorking].[computers]([ComputerId]) include ([DNSName])	Non-Clustered Non-Unique	1.3.0
PK_DocumentEventId	ClassifierWorking.DocumentEvents	Clustered	1.2.5
DocSysEvIxDoc	ClassifierWorking.DocumentEvents [SystemEventId] include (DocumentEventId)	Non-Clustered Non-Unique	1.2.5

IX_DE_1	ClassifierWorking.DocumentEvents [SystemEventId]	Non-Clustered Non-Unique	1.2.5
IX_DE_2	[ClassifierWorking].[DocumentEvents] ([SystemEventId] ASC,DocumentEventId)	Non-Clustered Non-Unique	1.3.0
PK_EmailAddressId	ClassifierWorking.EmailAddresses	Clustered	1.2.5
IX_EA_AddrCHK	ClassifierWorking.EmailAddresses(EmailAddressCK)	Non-Clustered	1.4.0
PK_EmailEventId	ClassifierWorking.EmailEvents	Clustered	1.2.5
IX_EE_1	[ClassifierWorking].[EmailEvents]([SystemEventId],[EmailEventId]) include ([EmailSubject])	Non-Clustered Non-Unique	1.3.0
IX_EE_2	[ClassifierWorking].[EmailEvents]([EmailFromId])	Non-Clustered Non-Unique	1.3.0
SysEvIx	ClassifierWorking.EmailEvents [SystemEventsId]	Non-Clustered Non-Unique	1.2.5
PK_EventCheckDetailId	ClassifierWorking.EventCheckDetails	Clustered	1.2.5
IX_ECD_1	ClassifierWorking.EventCheckDetails(Advisory)	Non-Clustered Non-Unique	1.2.5
IX_ECD_2	ClassifierWorking.EventCheckDetails(SystemEventId)	Non-Clustered Non-Unique	1.2.5
IX_ECD_3	[ClassifierWorking].[EventCheckDetails] ([SystemEventId])	Non-Clustered Non-Unique	1.3.0
IX_ECD_4	[ClassifierWorking].[EventCheckDetails] ([Advisory],[SystemEventId],[EventCheckDetailId])	Non-Clustered Non-Unique	1.3.0
PK_EventId	ClassifierWorking.EventGeneralDescriptions	Clustered	1.2.5
IX_GENDESC_1	ClassifierWorking.EventGeneralDescriptions [EventType]	Non-Clustered Non-Unique	1.2.5
PK_EventGeneralDetailId	ClassifierWorking.EventGeneralDetails	Clustered	1.2.5
IX_EGD_1	ClassifierWorking.EventGeneralDetails [SystemEventId] include([LabelConfiguration],[LabelConfigurationLocation],[LabelConfigurationPolicy])	Non-Clustered Non-Unique	1.2.5
PK_EventLevelId	ClassifierWorking.EventLevels	Clustered	1.2.5
PK_EventSelectorId	ClassifierWorking.EventSelectorValues	Clustered	1.2.5

IX_ESV_1	ClassifierWorking.EventSelectorValues [NumberOfValues] include ([SystemEventId],[SelectorValue1Id],[SelectorValue2Id],[SelectorValue3Id])	Non-Clustered Non-Unique	1.2.5
IX_ESV_2	ClassifierWorking.EventSelectorValues [NumberOfValues] ([SelectorValue3Id,SelectorValue2Id,SelectorValue1Id,NumberOfValues, SystemEventId])	Non-Clustered Non-Unique	1.2.5
PK_EventToSelectorId	ClassifierWorking.EventToSelectorValues	Clustered	1.2.5
IX_ETSV_1	[ClassifierWorking].[EventToSelectorValues]([SelectorValueId])	Non-Clustered	1.3.0
PK_IssueTypeEntryId	ClassifierWorking.IssueTypes	Clustered	1.2.5
PK_KnownUserId	ClassifierWorking.KnownUsers	Clustered	1.2.5
IX_KU_1	[ClassifierWorking].[KnownUsers] ([UserSID],[DisplayName])	Non-Clustered Non-Unique	1.3.0
IX_KU_2	[ClassifierWorking].[KnownUsers] ([UserSID],[DisplayName],[Department])	Non-Clustered Non-Unique	1.3.0
PK_ManagementId	ClassifierWorking.ManagementEvents	Clustered	1.2.5
IX_MA_1	ClassifierWorking.ManagementEvents [SystemEventId],[IssueType]	Non-Clustered Non-Unique	1.2,
PK_RecipientId	ClassifierWorking.Recipients	Clustered	1.2.5
IX_RECIP_1	[ClassifierWorking].[Recipients]([EmailAddressId])	Non-Clustered Non-Unique	1.3.0
IX_RECIP_2	[ClassifierWorking].[Recipients]([RecipientEmailEventId])	Non-Clustered Non-Unique	1.3.0
IX_RECIP_3	[ClassifierWorking].[Recipients]([RecipientEmailEventId],[RecipientId],[EmailAddressId])	Non-Clustered Non-Unique	1.3.0
PK_RecipientTypeId	ClassifierWorking.RecipientsTypes	Clustered	1.2.5
IX_RECIPTYPE_1	ClassifierWorking.RecipientsTypes(RecipientTypeDescription)	Non-Clustered Non-Unique	1.2.5
PK_SelectorValueId	ClassifierWorking.SelectorValues	Clustered	1.2.5

PK_SystemEventId	ClassifierWorking.SystemEvents	Clustered	1.2.5
OrigIx	ClassifierWorking.SystemEvents [OriginRowIx]	Non-Clustered Non-Unique	1.2.5
idxEventID+TimeCreated	ClassifierWorking.SystemEvents [EventId] [TimeCreated] include ([Classification],[SystemEventID],[Application],[UserName])	Non-Clustered Non-Unique	1.2.5
IX_SE_1	ClassifierWorking.SystemEvents [TimeCreated]	Non-Clustered Non-Unique	1.2.5
IX_SE_2	ClassifierWorking.SystemEvents [EventId],[TimeCreated] include ([SystemEventId],[Computer],[UserName],[Application])	Non-Clustered Non-Unique	1.2.5 ⁸⁷
IX_SE_3	[ClassifierWorking].[SystemEvents] ([UserSID],[SystemEventId],[EventId],[TimeCreated])	Non-Clustered Non-Unique	1.3.0
SysEventIx1	[ClassifierWorking].[SystemEvents]([EventId]) include ([SystemEventId],[Computer],[TimeCreated],[UserName])	Non-Clustered Non-Unique	1.3.0
PK_TaskCategoryId	ClassifierWorking.TaskCategories	Clustered	1.2.5
PK_ActiveDirectoryID	ClassifierWorking.ServiceStatusActiveDirectory	Clustered	1.4.0
PK_EventLogID	ClassifierWorking.ServiceStatusEventLog	Clustered	1.4.0

⁸⁷ Removed in V1.3.0
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5 VIEWS DATA DICTIONARY

5.1 ClassifierReporting

5.1.1 ClassificationChanges

Name	Data Type (Size)	Description	Version
Advisory	NVARCHAR(32)	The advice offered to the User during the Check Event.	1.2.5
Application	NVARCHAR(128)	The Users Application that generated the Event.	1.2.5
Classification	NVARCHAR(2048)	The Classification in the Event.	1.2.5
TimeCreated	DATETIME2 ⁸⁸	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.2.5

⁸⁸ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.2 ClassificationSummary

Name	Data Type (Size)	Description	Version
Application	NVARCHAR(128)	The Users Application that generated the Event.	1.2.5
Classification	NVARCHAR(2048)	The Classification in the Event.	1.2.5
TimeCreated	DATETIME2 ⁸⁹	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\\user format.	1.2.5

⁸⁹ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.3 ClassificationIssues

Name	Data Type (Size)	Description	Version
Application	NVARCHAR(128)	The Users Application that generated the Event.	1.2.5
Computer	NVARCHAR(2048)	The name of the Computer that the User started an application running Classifier.	1.2.5
EventGeneralDescription	NVARCHAR(1024)	Description of the Check Event.	1.2.5
TimeCreated	DATETIME2 ⁹⁰	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.2.5

⁹⁰ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.4 DocumentClassificationTrends

Name	Data Type (Size)	Description	Version
Classification	NVARCHAR(2048)	The Classification on the Document being saved.	1.2.5
TimeCreated	DATETIME2 ⁹¹	The Time the Document Save Event was created.	1.2.6

⁹¹ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.5 EmailClassificationTrends

Name	Data Type (Size)	Description	Version
Classification	NVARCHAR(2048)	The Classification on the Email being sent.	1.2.5
TimeCreated	DATETIME2 ⁹²	The Time the Email Send Event was created.	1.2.6

⁹² Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.6 MAIssues

Name	Data Type (Size)	Description	Version
Computer	NVARCHAR(2048)	The name of the Computer that the User started an application running Classifier.	1.2.5
IssueType	NVARCHAR(256)	Description of the Management Agent Issue contained in the Event.	1.2.5
OfficeProductName	NVARCHAR(256)	Name of the Application running Classifier.	1.2.5
TimeCreated	DATETIME2 ⁹³	The Time the Event was created.	1.2.6
UserNameRunningApplication	NVARCHAR(2048)	Computed user name – (domain\user format) of the user running the Office Product identified in the event.	1.2.5

⁹³ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.7 OverviewAllChecks

Name	Data Type (Size)	Description	Version
Advisory	NVARCHAR(32)	The advice offered to the User during the Check Event.	1.2.5
Classification	NVARCHAR(2048)	The Classification in the Event.	1.2.5
EventGeneralDescription	NVARCHAR(1024)	Description of the Check Event.	1.2.5
TimeCreated	DATETIME2 ⁹⁴	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.2.5

⁹⁴ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.8 OverviewClassifications

Name	Data Type (Size)	Description	Version
Classification	NVARCHAR(2048)	The Classification in the Event.	1.2.5
EventID	INT	The EventId of the Event in the EventGeneralDescription table.	1.2.5
TimeCreated	DATETIME2 ⁹⁵	The Time the Event was created.	1.2.6

⁹⁵ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.9 PolicyCheckBreakDown

Name	Data Type (Size)	Description	Version
Advisory	NVARCHAR(32)	The advice offered to the User during the Check Event.	1.2.5
Application	NVARCHAR(128)	The Users Application that generated the Event.	1.2.5
EventGeneralDescription	NVARCHAR(1024)	Description of the Check Event.	1.2.5
TimeCreated	DATETIME2 ⁹⁶	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\\user format.	1.2.5

⁹⁶ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.10 PolicyChecksWithAdvisories

Name	Data Type (Size)	Description	Version
Advisory	NVARCHAR(32)	The advice offered to the User during the Check Event.	1.2.5
Application	NVARCHAR(128)	The Users Application that generated the Event.	1.2.5
EventGeneralDescription	NVARCHAR(1024)	Description of the Check Event.	1.2.5
TimeCreated	DATETIME2 ⁹⁷	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.2.5

⁹⁷ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.11 PolicyDistribution

Name	Data Type (Size)	Description	Version
Computer	NVARCHAR(2048)	The name of the Computer that the User started an application running Classifier.	1.2.5
LabelConfiguration	NVARCHAR(128)	The name of Classifiers Configuration that the Users application is running.	1.2.5
LabelConfigurationLocation	NVARCHAR(1024)	The location where the User is loading the Classifier Configuration from.	1.2.5
LabelConfigurationPolicy	NVARCHAR(128)	The name of Classifiers Policy that the Users application is running.	1.2.5
TimeCreated	DATETIME2 ⁹⁸	The Time the User started an application running Classifier.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\\user format.	1.2.5

⁹⁸ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.12 PolicyWarningTrends

Name	Data Type (Size)	Description	Version
Advisory	NVARCHAR(32)	The advice offered to the User during the Check Event.	1.2.5
Application	NVARCHAR(128)	The Users Application that generated the Event.	1.2.5
EventGeneralDescription	NVARCHAR(1024)	Description of the Check Event.	1.2.5
EventId	INT	The EventId of the Event in the EventGeneralDescription table.	1.2.5
TimeCreated	DATETIME2 ⁹⁹	The Time the Event was created.	1.2.6

⁹⁹ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.13 ReportAttTypesbyClassification

Name	Data Type (Size)	Description	Version
Classification	NVARCHAR(2048)	The Classification in the Event.	1.2.5
Extension	NVARCHAR(260)	The Attachment document extension type.	1.2.5
TimeCreated	DATETIME2 ¹⁰⁰	The Time the Event was created.	1.2.6

¹⁰⁰ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.14 ReportTotalDocumentsByClassificationUser

Name	Data Type (Size)	Description	Version
Classification	NVARCHAR(2048)	The Classification in the Event.	1.2.5
SystemEventId	INT	The SystemEventId of the Event in the SystemEvent table.	1.2.5
TimeCreated	DATETIME2 ¹⁰¹	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.2.5

¹⁰¹ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.15 ReportTotalEmailsbyClassificationDomain

Name	Data Type (Size)	Description	Version
Classification	NVARCHAR(2048)	The Classification in the Event.	1.2.5
Domain	NVARCHAR(510)	The Recipients Domain.	1.2.5
SystemEventId	INT	The SystemEventId of the Event in the SystemEvent table.	1.2.5
TimeCreated	DATETIME2 ¹⁰²	The Time the Event was created.	1.2.6

¹⁰² Type changed from DATETIME to DATETIME2 in V1.2.6
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5.1.16 ReportTotalEmailsbyClassificationUser

Name	Data Type (Size)	Description	Version
Classification	NVARCHAR(2048)	The Classification in the Event.	1.2.5
SystemEventId	INT	The SystemEventId of the Event in the SystemEvent table.	1.2.5
TimeCreated	DATETIME2 ¹⁰³	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\\user format.	1.2.5

¹⁰³ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.2 ClassifierReporting2

5.2.1 ClassificationChanges

Name	Data Type (Size)	Description	Version
Advisory	NVARCHAR(32)	The advice offered to the User during the Check Event.	1.2.5
Application	NVARCHAR(128)	The Users Application that generated the Event.	1.2.5
n1	NVARCHAR(128)	First (from the left) selector value parsed from the Classification.	1.2.5
n2	NVARCHAR(128)	Second selector value parsed from the Classification.	1.2.5
n3	NVARCHAR(128)	Third selector value parsed from the Classification.	1.2.5
TimeCreated	DATETIME2 ¹⁰⁴	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\\user format.	1.2.5

¹⁰⁴ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.2.2 ClassificationSummary

Name	Data Type (Size)	Description	Version
Application	NVARCHAR(128)	The Users Application that generated the Event.	1.2.5
n1	NVARCHAR(128)	First (from the left) selector value parsed from the Classification.	1.2.5
n2	NVARCHAR(128)	Second selector value parsed from the Classification.	1.2.5
n3	NVARCHAR(128)	Third selector value parsed from the Classification.	1.2.5
TimeCreated	DATETIME2 ¹⁰⁵	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.2.5

¹⁰⁵ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.2.3 DocumentClassificationTrends

Name	Data Type (Size)	Description	Version
n1	NVARCHAR(128)	First (from the left) selector value parsed from the Classification.	1.2.5
n2	NVARCHAR(128)	Second selector value parsed from the Classification.	1.2.5
n3	NVARCHAR(128)	Third selector value parsed from the Classification.	1.2.5
TimeCreated	DATETIME2 ¹⁰⁶	The Time the Event was created.	1.2.6

¹⁰⁶ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.2.4 EmailClassificationTrends

Name	Data Type (Size)	Description	Version
n1	NVARCHAR(128)	First (from the left) selector value parsed from the Classification.	1.2.5
n2	NVARCHAR(128)	Second selector value parsed from the Classification.	1.2.5
n3	NVARCHAR(128)	Third selector value parsed from the Classification.	1.2.5
TimeCreated	DATETIME2 ¹⁰⁷	The Time the Email Send Event was created.	1.2.6

¹⁰⁷ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.2.5 FormattedClassifications

Name	Data Type (Size)	Description	Version
n1	NVARCHAR(128)	First (from the left) selector value parsed from the Classification.	1.2.5
n2	NVARCHAR(128)	Second selector value parsed from the Classification.	1.2.5
n3	NVARCHAR(128)	Third selector value parsed from the Classification.	1.2.5
SystemEventId	INT	The SystemEventId of the Event in the SystemEvent table who's Classification has been parsed.	1.2.5

5.2.6 OverviewClassifications

Name	Data Type (Size)	Description	Version
EventId	INT	The EventId of the Event in the EventGeneralDescription table.	1.2.5
n1	NVARCHAR(128)	First (from the left) selector value parsed from the Classification.	1.2.5
n2	NVARCHAR(128)	Second selector value parsed from the Classification.	1.2.5
n3	NVARCHAR(128)	Third selector value parsed from the Classification.	1.2.5
TimeCreated	DATETIME2 ¹⁰⁸	The Time the Event was created.	1.2.6

¹⁰⁸ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.2.7 ReportDocumentLabelChanges

Name	Data Type (Size)	Description	Version
Classification	NVARCHAR(2048)	The new Classification in the Event	1.2.5
DocumentFilename	NVARCHAR(2048)	The Filename in the Event.	1.2.5
EventId	INT	The EventId of the Event in the EventGeneralDescription table.	1.2.5
OriginalLabel	NVARCHAR(2048)	The original Classification of the Document.	1.2.5
SystemEventId	INT	The SystemEventId of the Event in the SystemEvent table.	1.2.5
TimeCreated	DATETIME2 ¹⁰⁹	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.2.5

¹⁰⁹ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.2.8 ReportEmailLabelChanges

Name	Data Type (Size)	Description	Version
Classification	NVARCHAR(2048)	The new Classification in the Event.	1.2.5
EmailSubject	NVARCHAR(512)	The Subject of the Email message.	1.2.5
EventId	INT	The EventId of the Event in the EventGeneralDescription table.	1.2.5
OriginalLabel	NVARCHAR(2048)	The original Classification of the Email message.	1.2.5
SystemEventId	INT	The SystemEventId of the Event in the SystemEvent table.	1.2.5
TimeCreated	DATETIME2 ¹¹⁰	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.2.5

¹¹⁰ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.2.9 ReportUserByClassificationByFilenameByTime

Name	Data Type (Size)	Description	Version
Classification	NVARCHAR(2048)	The Classification in the Event.	1.2.5
DocumentFilename	NVARCHAR(2048)	The Filename in the Event.	1.2.5
SystemEventId	INT	The SystemEventId of the Event in the SystemEvent table whose Classification has been parsed.	1.2.5
TimeCreated	DATETIME2 ¹¹¹	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.2.5

¹¹¹ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.2.10 SharePoint

Name	Data Type (Size)	Description	Version
Classification	NVARCHAR(2048)	The Classification in the Event.	1.2.5
Computer	NVARCHAR(2048)	The name of the Computer that the User started an application running Classifier.	1.2.5
DocumentFilename	NVARCHAR(2048)	The Filename in the Event.	1.2.5
EventId	INT	The EventId of the Event in the EventGeneralDescription table.	1.2.5
n1	NVARCHAR(128)	First (from the left) selector value parsed from the Classification.	1.2.5
n2	NVARCHAR(128)	Second selector value parsed from the Classification.	1.2.5
n3	NVARCHAR(128)	Third selector value parsed from the Classification.	1.2.5
TimeCreated	DATETIME2 ¹¹²	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.2.5

¹¹² Type changed from DATETIME to DATETIME2 in V1.2.6
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5.2.11 UnusalClassifications

Name	Date Type (Size)	Description	Version
Classification	NVARCHAR(2048)	The Classification in the Event.	1.2.5
Computer	NVARCHAR(2048)	The name of the Computer that the User started an application running Classifier.	1.2.5
EventGeneralDescription	NVARCHAR(1024)	Description of the Event.	1.2.5
EventId	INT	The EventId of the Event in the EventGeneralDescription table.	1.2.5
TimeCreated	DATETIME2 ¹¹³	The Time the Event was created.	1.2.6
UserName	NVARCHAR(2048)	Computed User name - in domain\\user format.	1.2.5

¹¹³ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.3 ClassifierReporting3

5.3.1 Computers

Name	Data Type (Size)	Description	Version
ComputerName	NVARCHAR(64)	Pre Windows 2000 Computer Name.	1.3
DNSName	NVARCHAR(2048)	DNS host name of the computer.	1.3
OperatingSystemName	NVARCHAR(512)	Operating System Name.	1.3
OperatingSystemVersion	NVARCHAR(512)	Operating System Version.	1.3
OperatingSystemServicePack	NVARCHAR(512)	Operating System Service Pack	1.3

5.3.2 Departments

Name	Data Type (Size)	Description	Version
Department	NVARCHAR(64)	Name of the departments and the SQL wild card %	1.3

5.3.3 DocumentClassifierActivity

Name	Data Type (Size)	Description	Version
ClassifierDocId	NVARCHAR(512)	The Classifier document id of the document.	1.3
Title	NVARCHAR(2018)	The short name of the document.	1.3
Description	NVARCHAR(1057)	Combination of the Event's description and status.	1.3
TimeCreated	DATETIME2	Creation time of the classifier event.	1.3
UserName	NVARCHAR(2018)	Computed User name - in domain\\user format.	1.3

5.3.4 DocumentLabelDowngrade

Name	Data Type (Size)	Description	Version
TimeCreated	DATETIME2	The Time the Event was created.	1.3
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.3

5.3.5 Reasons

Name	Data Type (Size)	Description	Version
ReasonOrder	Bigint	Alphabetic order of the reason.	1.3
Reason	NVARCHAR(1024)	The reason, or challenge text, that the user provided for the override.	1.3

5.3.6 SelectorValueNames

Name	Data Type (Size)	Description	Version
Name	NVARCHAR(128)	Name of the selector value	1.3

5.3.7 SelectorValueNamesAndWC

Name	Data Type (Size)	Description	Version
Name	NVARCHAR(128)	Name of the selector value	1.3

5.3.8 UserClassifierActivity

Name	Data Type (Size)	Description	Version
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.3
Description	NVARCHAR(1057)	Combination of the Event's description and status.	1.3
TimeCreated	DATETIME2	Creation time of the classifier event.	1.3
Title	NVARCHAR(2048)	Document title or email subject.	1.3

5.3.9 UserResponseActivity

Name	Data Type (Size)	Description	Version
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.3
Reason	NVARCHAR(1024)	The reason, or challenge text, that the user provided for the override.	1.3
TimeCreated	DATETIME2	Creation time of the classifier event.	1.3
Title	NVARCHAR(048)	Document title or email subject.	1.3

5.4 ClassifierReporting4

5.4.1 BoxClassifierEvents

Name	Data Type (Size)	Description	Version
SystemEventId	BIGINT	The SystemEventId of the Box Classifier Event in the System Table.	1.4.0
EventId	INT	The EventId of the BoxClassifier event.	1.4.0
UserName	NVARCHAR(2048)	User of Box.com	1.4.0
Classification	NVARCHAR(2048)	Classification of the file added to Box.com	1.4.0
DocumentFilename	NVARCHAR(2048)	File added to Box.com	1.4.0
BoxFileId	BIGINT	Box.com file id	1.4.0
BoxClassification	NVARCHAR(2048)	Box Classification	1.4.0

5.4.2 OverviewClassifications

Name	Data Type (Size)	Description	Version
EventId	INT	The EventId of the Event in the EventGeneralDescription table.	1.4.0
n1	NVARCHAR(128)	First (from the left) selector value parsed from the Classification.	1.4.0
n2	NVARCHAR(128)	Second selector value parsed from the Classification.	1.4.0
n3	NVARCHAR(128)	Third selector value parsed from the Classification.	1.4.0
TimeCreated	DATETIME2	The Time the Event was created.	1.4.0

5.4.3 ClassificationSummary

Name	Data Type (Size)	Description	Version
Application	NVARCHAR(128)	The Users Application that generated the Event.	1.4.0
n1	NVARCHAR(128)	First (from the left) selector value parsed from the Classification.	1.4.0
n2	NVARCHAR(128)	Second selector value parsed from the Classification.	1.4.0
n3	NVARCHAR(128)	Third selector value parsed from the Classification.	1.4.0
TimeCreated	DATETIME2 ¹¹⁴	The Time the Event was created.	1.4.0
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.4.0

¹¹⁴ Type changed from DATETIME to DATETIME2 in V1.2.6
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5.4.4 ServiceStatusActiveDirectory

Name	Data Type (Size)	Description	Version
PollTime	DATETIME2	The date and time of the last service poll.	1.4.0
ComputerName	NVARCHAR(2048)	Name of computer running the Classifier Reporting Active Directory Service.	1.4.0
ComputersAdded	BIGINT	Number of Active Directory Computer objects added since last service poll.	1.4.0
ComputersDeleted	BIGINT	Number of Active Directory Computer objects deleted since last service poll.	1.4.0
UsersAdded	BIGINT	Number of Active Directory User objects added since last service poll.	1.4.0
UsersDeleted	BIGINT	Number of Active Directory User objects deleted since last service poll.	1.4.0

5.4.5 ServiceStatusEventLog

Name	Data Type (Size)	Description	Version
PollTime	DATETIME2	The date and time of the last service poll.	1.4.0
ComputerName	NVARCHAR(2048)	Name of computer running the Classifier Reporting Event Log Service.	1.4.0
EventsProcessed	BIGINT	Number of events processed since last service poll.	1.4.0
EventsSkipped	BIGINT	Number of events skipped since last service poll.	1.4.0

5.4.6 SharePointEvents

Name	Data Type (Size)	Description	Version
SystemEventId	BIGINT	The SystemEventId of the SharePoint event in the SystemEvent table.	1.4.0
EventId	INT	The EventId of the SharePoint event	1.4.0
DocumentFilename	NVARCHAR(2048)	The Document filename of the SharePoint event	1.4.0
Classification	NVARCHAR(2048)	The classification of the SharePoint event	1.4.0

5.4.7 ActivatedUsers

Name	Data Type (Size)	Description	Version
Computer	NVARCHAR(2048)	Name of the computer that the classifier initialisation event occurred on.	1.4.0
UserName	NVARCHAR(2048)	Name of the user who initialised classifier	1.4.0
TimeCreated	DATETIME2	Date and time of the classifier initialisation event	1.4.0
Application	NVARCHAR(128)	Name of the application that was run when classifier was first loaded by the user	1.4.0

5.4.8 ActivatedUserStatusSummary

Name	Data Type (Size)	Description	Version
UserName	NVARCHAR(2048)	Name of the classifier user	1.4.0
Application	NVARCHAR(128)	Name of the application that was run when classifier was first loaded by the user	1.4.0
Computer	NVARCHAR(2048)	Name of the computer that the classifier initialisation event occurred on	1.4.0
FirstActivation	DATETIME2	Date and time of the user's first classifier initialisation event	1.4.0
LastError	DATETIME2	Date and time of the user's most recent classifier problem (event 1002 or 1005)	1.4.0
LastSuccess	DATETIME2	Date and time of the user's most recent classifier initialisation	1.4.0
LastErrorDays	INT	Elapsed days since the user's most recent classifier problem (LastError).	1.4.0
LastSuccessDays	INT	Elapsed days since the user's most recent classifier initialisation (LastSuccess).	1.4.0

5.4.9 ActivatedUserStatusSummaryEx

Name	Data Type (Size)	Description	Version
UserName	NVARCHAR(2048)	Name of the classifier user	1.4.1
Application	NVARCHAR(128)	Name of the application that was run when classifier was first loaded by the user	1.4.1
Computer	NVARCHAR(2048)	Name of the computer that the classifier initialisation event occurred on	1.4.1
FirstActivation	DATETIME2	Date and time of the user's first classifier initialisation event	1.4.1
FirstError	DATETIME2	Date and time of the user's first classifier problem (event 1002 or 1005) after the most recent successful classifier initialisation.	1.4.1
LastError	DATETIME2	Date and time of the user's most recent classifier problem (event 1002 or 1005).	1.4.1
LastSuccess	DATETIME2	Date and time of the user's most recent successful classifier initialisation.	1.4.1
FirstErrorDays	INT	Elapsed days since the user's first classifier problem (FirstError).	1.4.1
LastSuccessDays	INT	Elapsed days since the user's most recent classifier initialisation (LastSuccess).	1.4.1

5.4.10 ApplicationNamesAndWC

Name	Data Type (Size)	Description	Version
Name	NVARCHAR(128)	Application name or wildcard character	1.4.0

5.4.11 FileClassifierEvents

Name	Data Type (Size)	Description	Version
EventId	INT	The EventId of the Event in the EventGeneralDescription table.	1.4.0
Computer	NVARCHAR(2048)	The name of the Computer that the User started an application running Classifier.	1.4.0
TimeCreated	DATETIME2	The Time the Event was created.	1.4.0
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.4.0
Classification	NVARCHAR(2048)	The Classification in the Event	1.4.0
DocumentFileName	NVARCHAR(2048)	The Filename in the Event.	1.4.0
N1	NVARCHAR(128)	First (from the left) selector value parsed from the Classification.	1.4.0
N2	NVARCHAR(128)	Second selector value parsed from the Classification.	1.4.0
N3	NVARCHAR(128)	Third selector value parsed from the Classification.	1.4.0

5.4.12 UserResponseActivityEx

Name	Data Type (Size)	Description	Version
Application	NVARCHAR(128)	The User's application that generated the check	1.4.1
UserName	NVARCHAR(2048)	Computed User name - in domain\user format.	1.4.1
Reason	NVARCHAR(1024)	The reason, or challenge text, that the user provided for the override.	1.4.1
TimeCreated	DATETIME2	Creation time of the classifier event.	1.4.1
Title	NVARCHAR(2048)	Document title or email subject.	1.4.1
OriginalLabel	NVARCHAR(2048)	The original Classification of the message or document	1.4.1
Classification	NVARCHAR(2048)	The Classification of the message or document	1.4.1
EventGeneralDescription	NVARCHAR(1024)	Description of the check event	1.4.1
Department	NVARCHAR(64)	The user's department taken from their related entry in the Known User table.	1.4.1

6 TABLE TYPES

6.1 ClassifierStaging

6.1.1 AttachmentsTableType2

Name	Date Type (Size)	Mandatory	Description	Version
AttachmentName	NVARCHAR(260)	NO	The title of the attachment.	1.2.5
Classification	NVARCHAR(2048)	NO	The Classification of the attached document.	1.2.5
ClassifierDocId	NVARCHAR(128)	NO	The ClassifierDocId of the attachment.	1.2.5
Extension	NVARCHAR(260)	NO	The filename extension of the attached document.	1.2.5
AttachmentDocumentIndex	NVARCHAR(250)	NO	Attachment Document index of the attachment.	1.2.5
AttachmentSISL	NVARCHAR(160)	NO	XML encoding of the Classification.	1.2.5
AttachmentTextLabel	NVARCHAR(260)	NO	Text encoding of the Classification.	1.2.5
AttachmentStatusDescription	NVARCHAR(32)	NO	Description of the status of the attachment in HWM ¹¹⁵ checks. Must be one of FAILED, SUCCEEDED, INACCESSIBLE.	1.2.5
AttachmentNumber	SMALLINT	YES	Unique number of the attachment for each event.	1.2.5

¹¹⁵ High Water Mark Check
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6.1.2 RecipientTableType

Name	Date Type (Size)	Mandatory	Description	Version
SMTPAddress	NVARCHAR(1142)	NO	Full hostname@domain SMTP address.	1.2.5
SMTPDomain	NVARCHAR(510)	NO	SMTP domain part of the SMTP address.	1.2.5
DisplayName	NVARCHAR(500)	NO	UNUSED.	1.2.5
RecipientType	NVARCHAR(50)	NO	Type of recipient (TO, CC or BCC).	1.2.5
ExhcnageAddress	NVARCHAR(2048)	NO	Exchange email address.	1.2.5
RecipientStatusDescription	NVARCHAR(32)	NO	Description of the status of the recipient in clearance checks. Should be one of FAILED, SUCCEEDED, And INDETERMINATE.	1.2.5

6.1.3 SelectorValueTableType

Name	Date Type (Size)	Mandatory	Description	Version
XmlId	NVARCHAR(256)	YES	Parsed selector value id.	1.2.5
Value	NVARCHAR(256)	NO	Parsed selector value.	1.2.5
SelectorValueOrder	SMALLINT	YES	Position of parsed selector value.	1.2.5
AttachmentNumber	SMALLINT	NO	If the parsed value is from an attachment, the attachment number. NULL otherwise.	1.2.5

7 USERS, LOGINS AND ROLES

Name	Type	Description	Version
ClassifierAdminUser	User	Database User associated with the ClassifierAdmin login. Owner of the Database and login that runs the SQL jobs.	1.2.5
ClassifierAdmin	Login	Login with db_owner role for the ClassifierEventsDB.	1.2.5
ClassifierConsumerRole	Role	Role to use the Views to create Dashboards and Reports. Needed by Users of the Classifier Reporting Console. This role is also granted the unmasked right on versions of SQL that support dynamic data masking.	1.2.5
ClassifierMaskedConsumerRole	Role	Role to use the Views to create Dashboards and Reports with masked columns. Needed by Users of the Classifier Reporting Console. This role is only created in versions of SQL server that supports dynamic data masking.	1.2.5
ClassifierSupplierRole	Role	Role to use the Stored Procedures to write Event Data into the Staging Tables. Used by the Event Log and AD services.	1.2.5
ClassifierMaintenanceRole	Role	Role to set permissions needed to access temporary tables and Staging to Working stored procedures. Needed by the ClassifierAdmin (User).	1.3.0

8 STORED PROCEDURES AND SQL JOBS

8.1 Classifier Staging Stored Procedures

These stored procedures are designed to be run by the Classifier Reporting Event Log and AD Services.

8.1.1 usp_StagingComputersInsert

Item	Description
Description	Stored Procedure to write Computer details from an Active Directory to the Staging Tables.
Used By	AD Service
Execute Permissions	Users Login mapped to ClassifierSupplierRole
Input Parameters	ComputerName nvarchar (64) DNSName nvarchar (2048) DCType nvarchar (512) Site nvarchar (2048) Description nvarchar (1024) Company nvarchar (512) OperatingSystemName nvarchar (512) OperatingSystemVersion nvarchar (512) OperatingSystemServicePack nvarchar (512) isDeleted varchar (5) ComputerGUID varchar (56) Attribute1 nvarchar (2048) = NULL, Attribute2 nvarchar (2048) = NULL, Attribute3 nvarchar (2048) = NULL, Attribute4 nvarchar (2048) = NULL, Attribute5 nvarchar (2048) = NULL, Attribute6 nvarchar (2048) = NULL, Attribute7 nvarchar (2048) = NULL, Attribute8 nvarchar (2048) = NULL, Attribute9 nvarchar (2048) = NULL, Attribute10 nvarchar (2048) = NULL

Returns	INTEGER
Tables Updated	ClassifierStaging.StagedComputers
Version	V1.2.5

8.1.2 usp_StagingComputersUpdateDelete

Item	Description
Description	Stored Procedure to mark Staging Tables Computer entries as being deleted if the Computer has been deleted in the Active Directory.
Used By	AD Service
Execute Permissions	Users Login mapped to ClassifierSupplierRole
Input Parameters	ComputerGUID varchar(56)
Output	INTEGER
Tables Updated	ClassifierStaging.StagedComputers
Version	V1.2.5

8.1.3 usp_StagingDocumentEventsInsert

Item	Description
Description	Stored Procedure called by the Event Log Service to write Document Events to the Staging Tables.
Used By	Event Log Service
Execute Permissions	Users Login mapped to ClassifierSupplierRole
Input Parameters	Computer nvarchar(2048), TimeCreated datetime2,

	TaskCategoryId smallint, UserId nvarchar(128), UserName nvarchar(2048)= N'USER UNKNOWN', ProviderName nvarchar(128), Opcode int, EventLevelId tinyint, Keywords nvarchar(2048) = NULL, ProcessId int, ThreadId int, Classification nvarchar(2048) = NULL, SuggestedClassification nvarchar(2048) = NULL, FailedSuggestions nvarchar(2048) = NULL, EventId int, Title nvarchar(2048) = NULL, DocumentFilename nvarchar(2048) = NULL, Extension nvarchar(260) = NULL, ClassifierDocId nvarchar(256) = NULL, UserSaverId nvarchar(256) = NULL, DocumentSaverId nvarchar(256) = NULL, SelectorValuesTVP as [ClassifierStaging].[SelectorValueTableType] readonly, LabelConfiguration nvarchar(128) = NULL, LabelConfigurationLocation nvarchar(512) = NULL, LabelConfigurationLocationPath nvarchar(512) = NULL, LabelConfigurationPolicy nvarchar(128) = NULL, ClassifierLicenceError nvarchar(128) = NULL, ContentGroupsChecked nvarchar(512) = NULL, Advisory nvarchar(32) = NULL, Reason nvarchar(512) = NULL, UserAction nvarchar(32) = NULL, OriginalLabel nvarchar(2048) = NULL
Output	INTEGER
Tables Updated	ClassifierStaging.StagedDocumentsEvents ClassifierStaging.StagedDocumentEventSelectorValue
Version	V1.2.5

8.1.4 usp_StagingEmailEventsInsert

Item	Description
Description	Stored Procedure called by the Event Log Service to write Email Events to the Staging Tables.
Used By	Event Log Service
Execute Permissions	Users Login mapped to ClassifierSupplierRole
Input Parameters	Computer nvarchar(2048), TimeCreated datetime2, TaskCategoryId smallint, UserId nvarchar(128), UserName nvarchar(2048)= N'USER UNKNOWN', ProviderName nvarchar(128), Opcode int, EventLevelId tinyint, Keywords nvarchar(2048) = NULL, ProcessId int, ThreadId int, Classification nvarchar(2048) = NULL, SuggestedClassification nvarchar(2048) = NULL, FailedSuggestions nvarchar(2048) = NULL, EventId int, EmailFrom nvarchar(2048), EmailDomain nvarchar(500), ExchangeAddress nvarchar(2048), SearchKey nvarchar(512), EmailSubject nvarchar(512) = NULL, RecipientsTVP as [ClassifierStaging].[RecipientsTableType] readonly, AttachmentsTVP as [ClassifierStaging].[AttachmentsTableType2] readonly, SelectorValuesTVP as [ClassifierStaging].[SelectorValueTableType] readonly, LabelConfiguration nvarchar(128) = NULL, LabelConfigurationLocation nvarchar(512) = NULL, LabelConfigurationLocationPath nvarchar(512) = NULL, LabelConfigurationPolicy nvarchar(128) = NULL, ClassifierLicenceError nvarchar(128) = NULL, SizeOfItem varchar(32) = NULL, Advisory nvarchar(32) = NULL,

	Reason nvarchar(512) = NULL, UserAction nvarchar(32) = NULL, OriginalLabel nvarchar(2048) = NULL
Output	INTEGER
Tables Updated	ClassifierStaging.StagedEmailEvents ClassifierStaging.StagedEmailEventSelectorValues ClassifierStaging.StagedAttachmentSelectorValues ClassifierStaging.StagedRecipients ClassifierStaging.StagedAttachments
Version	V1.2.5

8.1.5 usp_StagingKnownUsersInsert

Item	Description
Description	Stored Procedure to write User details from an Active Directory to the Staging Tables.
Used By	AD Service
Execute Permissions	Users Login mapped to ClassifierSupplierRole
Input Parameters	UserGUID nvarchar (56), UserSID varchar (184), isDeleted varchar (5), Firstname nvarchar (64), Lastname nvarchar (64), Displayname nvarchar (64), Description nvarchar (1024), Office nvarchar (128), City nvarchar (1024), State nvarchar (128), Country nvarchar (3), UserPrincipalName nvarchar (1024),

	SamAccountName nvarchar (256), JobTitle nvarchar (128), Department nvarchar (64), Company nvarchar (64), Manager nvarchar (1024), legacyExchangeName nvarchar (1024), proxyAddresses nvarchar (2048), mail nvarchar (1142), Attribute1 nvarchar (2048), Attribute2 nvarchar (2048), Attribute3 nvarchar (2048), Attribute4 nvarchar (2048), Attribute5 nvarchar (2048), Attribute6 nvarchar (2048), Attribute7 nvarchar (2048), Attribute8 nvarchar (2048), Attribute9 nvarchar (2048), Attribute10 nvarchar (2048)
Output	INTEGER
Tables Updated	ClassifierStaging.StagedKnownUsers
Version	V1.2.5

8.1.6 usp_StagingKnownUsersUpdateDelete

Name	Description
Item	Stored Procedure to mark Staging Tables User entries as being deleted if the User has been deleted in the Active Directory.
Used By	AD Service
Execute Permissions	Users Login mapped to ClassifierSupplierRole
Input Parameters	UserGUID varchar (56)
Output	INTEGER

Tables Updated	ClassifierStaging.StagedKnownUsers
Version	V1.2.5

8.1.7 usp_StagingManagementEventsInsert

Item	Description
Description	Stored Procedure called by the Event Log Service to write Management Agent Events to the Staging Tables.
Used By	Event Log Service
Execute Permissions	Users Login mapped to ClassifierSupplierRole
Input Parameters	Computer nvarchar(2048), TimeCreated datetime2, TaskCategoryId smallint, UserId nvarchar(128), UserName nvarchar(2048)= 'USER UNKNOWN', ProviderName nvarchar(128), Opcode int, EventLevelId tinyint, Keywords nvarchar(2048) = NULL, ProcessId int, ThreadId int, EventId int, OfficeProductId smallint, OfficeVersion nvarchar(256), WindowsVersion nvarchar(256), IssueType smallint, UserNameRunningApplication nvarchar(2048), SIDRunningApplication nvarchar(128), ConfigurationLocation nvarchar(512), ConfigPublishedLocationType nvarchar(512), ConfigPublishedLocation nvarchar(512), ConfigRetrievalLocation nvarchar(512), AdditionalInformation nvarchar(512)

Output	INTEGER
Tables Updated	ClassifierStaging.StagedManagementEvents
Version	V1.2.5

8.1.8 usp_StagingBoxClassifierEventsInsert

Item	Description
Description	Stored Procedure called by the Event Log Service to write Box Classifier Events to the Staging Tables.
Used By	Event Log Service
Execute Permissions	Users Login mapped to ClassifierSupplierRole
Input Parameters	Computer nvarchar(2048), TimeCreated datetime2, TaskCategoryId smallint, UserId nvarchar(128), UserName nvarchar(2048), ProviderName nvarchar(128), Opcode int, EventLevelId tinyint, Keywords nvarchar(2048) = NULL, ProcessId int, ThreadId int, EventId int, Filename nvarchar(2048), Extension nvarchar(2048), SelectValuesTVP (SelectorValueTableType BoxFileId bigint, OriginalBoxClassification nvarchar(2048), BoxClassification nvarchar(2048),
Output	INTEGER
Tables Updated	ClassifierStaging.StagedBoxClassifierEvents

	ClassifierStaging.StagedBoxClassifierEventSelectotValue
Version	V1.4.0

8.1.9 usp_StagingServiceStatusActiveDirectoryInsert

Item	Description
Description	Stored Procedure called by the polled Active Directory Service to write Active Directory computers and users container activity to the Staging Tables.
Used By	Active Directory Service
Execute Permissions	Users Login mapped to ClassifierSupplierRole
Input Parameters	PollTime datetime2 ComputerName nvarchar (2048) ComputersAdded bigint ComputersDeleted bigint UsersAdded bigint UsersDeleted bigint
Output	INTEGER
Tables Updated	ServiceStatusActiveDirectory
Version	V1.4.0

8.1.10 usp_StagingServiceStatusEventLogInsert

Item	Description
Description	Stored Procedure called by the polled Event Log Service to write the number of Classifier Events processed or skipped to the Staging Tables.
Used By	Event Log Service
Execute Permissions	Users Login mapped to ClassifierSupplierRole

Input Parameters	PollTime datetime2 ComputerName nvarchar (2048) EventsProcessed bigint EventsSkipped bigint
Output	INTEGER
Tables Updated	ServiceStatusEventLog
Version	V1.4.0

8.2 ClassifierWorking stored procedures

These stored procedures are run by the identified SQL jobs and can also be run in the SQL Server Management Studio.

8.2.1 usp_AttachmentSelectorValuesInsert

Item	Description
Description	Stored Procedure that writes Document Attachment selector identifier values (parsed from classifications) from the ClassifierWorking.AttachmentToSelectorValues table to the ClassifierWorking..AttachmentSelectorValues table that can be used to build Views and Reports.
Used By	ClassifierEvents Import
Execute Permissions	Users Login mapped to ClassifierMaintenanceRole role.
Input Parameters	None
Output	INTEGER
Tables Updated	ClassifierWorking.AttachmentsSelectorValues
Version	V1.2.5

8.2.2 usp_DeleteData

Item	Description
Description	Stored Procedure to delete data in the Staging tables older than a configurable time period. Records in the ClassifierWorking.Computers and ClassifierWorking.KnownUsers are not deleted.
Used By	ClassifierEvents Delete
Execute Permissions	Users Login mapped to ClassifierMaintenanceRole role.
Input Parameters	None
Output	INTEGER
Tables Updated ¹¹⁶	ClassifierWorking.EventCheckDetails ClassifierWorking.ManagementEvents ClassifierWorking.DocumentEvents ClassifierWorking.AttachmentToSelectorValues ClassifierWorking.AttachmentSelectorValues ClassifierWorking.Attachments ClassifierWorking.Recipients ClassifierWorking.EmailEvents ClassifierWorking.EventCheckDetails ClassifierWorking.EventGeneralDetails ClassifierWorking.EventToSelectorValues ClassifierWorking.EventSelectorValues ClassifierWorking.SystemEvents
Version	V1.2.5

8.2.3 usp_DocumentEventsWorkingInsert

Item	Description
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¹¹⁶ ¹¹⁶ Uses temporary tables.
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Description	Stored Procedure to process Document event data from the Staging to Working tables.
Used By	ClassifierEvents Import
Execute Permissions	Users Login mapped to ClassifierMaintenanceRole role.
Input Parameters	None
Output	INTEGER
Tables Updated	ClassifierWorking.DocumentEvents ClassifierWorking.EventCheckDetails ClassifierWorking.EventGeneralDetails ClassifierWorking.SelectorValues ClassifierWorking.EventToSelectorValues ClassifierStaging.StagedDocumentEventSelectorValues ClassifierStaging.StagedDocumentEvents
Version	V1.2.5

8.2.4 usp_EmailEventsWorkingInsert

Item	Description
Description	Stored Procedure to process Email event data from the Staging to Working tables.
Used By	ClassifierEvents Import
Execute Permissions	Users Login mapped to ClassifierMaintenanceRole role.
Input Parameters	None
Output	INTEGER
Tables Updated ¹¹⁷	ClassifierWorking.EmailAddresses ClassifierWorking.SystemEvents

¹¹⁷ Uses temporary tables.
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	ClassifierWorking.EmailEvents ClassifierWorking.Recipients ClassifierWorking.Attachments ClassifierWorking.EventCheckDetails ClassifierWorking.EventGeneralDetails ClassifierWorking.SelectorValues ClassifierWorking.EventToSelectorValues ClassifierWorking.AttachmentToSelectorValues ClassifierStaging.StagedAttachmentsSelectorValues ClassifierStaging.StagedAttachments ClassifierStaging.StagedRecipients ClassifierStaging.StagedEmailEventSelectorValues ClassifierStaging.StagedEmailEvents
Version	V1.2.5

8.2.5 usp_BoxClassifierEventsWorkingInsert

Item	Description
Description	Stored Procedure to process BoxClassifier event data from the Staging to Working tables.
Used By	ClassifierEvents Import
Execute Permissions	Users Login mapped to ClassifierMaintenanceRole role.
Input Parameters	None
Output	INTEGER
Tables Updated ¹¹⁸	ClassifierWorking.SystemEvents ClassifierWorking.BoxClassifierEvents ClassifierWorking.DocumentEvents ClassifierWorking.EventCheckDetails

¹¹⁸ Box Classifier events are also added to the Document

	ClassifierWorking.EventGeneralDetails ClassifierWorking.SelectorValues ClassifierWorking.EventToSelectorValues ClassifierStaging.StagedEmailEvents
Version	V1.4.0

8.2.6 usp_EventSelectorValueInsert

Item	Description
Description	Stored Procedure that writes selector identifier values (parsed from classifications) from the ClassifierWorking.EventToSelectorValues table to the ClassifierWorking.EventSelectorValues table used to build Views for the Reporting Console.
Used By	ClassifierEvents Import
Execute Permissions	Users Login mapped to ClassifierMaintenanceRole role.
Input Parameters	None
Output	INTEGER
Tables Updated	ClassifierWorking.EventSelectorValues ¹¹⁹
Version	V1.2.5

8.2.7 usp_KnownComputersWorkingInsert

Item	Description
Description	Stored Procedure to write/update Computers details from the Staging to Working tables.
Used By	AD Data Import

¹¹⁹ ¹¹⁹ Uses temporary tables.

Execute Permissions	Users Login mapped to ClassifierMaintenanceRole role.
Input Parameters	None
Output	INTEGER
Tables Updated	ClassifierWorking.Computers ClassifierStaging.StagedComputers
Version	V1.2.5

8.2.8 usp_KnownUsersWorkingInsert

Item	Description
Description	Stored Procedure to write/update User details from the Staging to Working tables.
Used By	AD Data Import
Execute Permissions	Users Login mapped to ClassifierMaintenanceRole role.
Input Parameters	None
Output	INTEGER
Tables Updated	ClassifierWorking.KnownUsers ClassifierStaging.StagedKnownUsers
Version	V1.2.5

8.2.9 usp_ManagementEventsWorkingInsert

Item	Description
Description	Stored Procedure to write Management Agent Events from the Staging Tables to the Working Tables.

Used By	ClassifierEvents Import
Execute Permissions	Users Login mapped to ClassifierMaintenanceRole role.
Input Parameters	None
Output	INTEGER
Tables Updated	ClassifierWorking.SystemEvents ClassifierWorking.ManagementEvents ClassifierWorking.StagedManagementEvents
Version	V1.2.5

8.2.10 usp_ModifySelectorValues

Item	Description
Description	Stored Procedure called by the Event Log Service to write Label Selector configuration values into the Working Tables.
Used By	ClassifierEvents Import
Execute Permissions	Users Login mapped to ClassifierSupplierRole
Input Parameters	xmlId nvarchar (256), ControlName nvarchar (128), Name nvarchar (128), PortionMark nvarchar (128), AlternativeName1 nvarchar (128), AlternativeName2 nvarchar (128), AlternativeName3 nvarchar (128)
Output	INTEGER
Tables Updated	ClassifierWorking.SelectorValues
Version	V1.2.5

8.2.11 usp_ReorganizeIndices

Item	Description
Description	Stored Procedure that rebuilds indexes on Classifier Working tables.
Used By	Index creation and reorganizing
Execute Permissions	Users Login mapped to ClassifierMaintenanceRole role.
Input Parameters	None
Output	INTEGER
Tables Updated	Variable: Calculates which indexes to defragment
Version	V1.2.5

8.2.12 usp_CreateIndices

Item	Description
Description	Stored Procedure that creates indexes on working tables
Used By	Index creation and reorganizing
Execute Permissions	Users Login mapped to ClassifierMaintenanceRole role.
Input Parameters	None
Output	INTEGER
Tables Updated ¹²⁰	ClassifierStaging.ApplicationNames ClassifierWorking.DocumentEvents ClassifierWorking.EmailEvents ClassifierWorking.EventCheckDetails

¹²⁰ ¹²⁰ Uses temporary tables.

	ClassifierWorking.EventGeneralDescriptions ClassifierWorking.EventGeneralDetails ClassifierWorking.EventSelectorValues ClassifierWorking.ManagementEvents ClassifierWorking.RecipientTypes ClassifierWorking.SystemEvents ClassifierWorking.Recipients ClassifierWorking.FormattedClassifications ClassifierWorking.Attachments
Version	V1.2.5 ¹²¹

8.2.13 usp_ServiceStatusWorkingInsert

Item	Description
Description	Stored Procedure to move Active Directory and Event Log Service Status details from the Staging to the Working tables.
Used By	ClassifierEvents Import
Execute Permissions	Users Login mapped to ClassifierMaintenanceRole role.
Input Parameters	None
Output	INTEGER
Tables Updated	ClassifierStaging.ServiceStatusActiveDirectory ClassifierWorking.ServiceStatusActiveDirectory ClassifierStaging.ServiceStatusEventLog ClassifierWorking.ServiceStatusEventLog
Version	V1.4.0

¹²¹ Updated in V1.3.0
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8.3 ClassifierReport3 stored procedures

These stored procedures are all run by **Classifier Reporting Console** reports.

8.3.1 usp_ReportClassificationBreakdown

Item	Description
Description	Stored Procedure to create the 'Documents and Emails By Classification' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	FromDate DATETIME2, Department VARCHAR(64) = NULL
Output	
Version	V1.3.0

8.3.2 usp_ReportDocumentsDowngraded

Item	Description
Description	Stored Procedure to populate the 'Document Downgrade' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	FromDate DATETIME2 ToDate DATETIME2 Department VARCHAR(64) = NULL Selector VARCHAR(64) = NULL
Output	

Version	V1.3.0
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8.3.3 usp_ReportEmailDowngraded

Item	Description
Description	Stored Procedure to create the 'Email Downgrade' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	FromDate DATETIME2 ToDate DATETIME2 Department VARCHAR(64) = NULL Selector VARCHAR(64) = NULL
Output	
Version	V1.3.0

8.3.4 usp_ReportEmailsByDomain

Item	Description
Description	Stored Procedure to create the 'Emails Sent by user and domain' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	FromDate DATETIME2, ToDate DATETIME2 Department VARCHAR(64) = NULL Classification VARCHAR(64) = NULL
Output	

Version	V1.3.0
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8.3.5 usp_ReportTotalEmailsSentByDomain

Item	Description
Description	Stored Procedure to create the 'Total emails sent by domain' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	FromDate DATETIME2 Department VARCHAR(64) Classification VARCHAR(64)
Output	
Version	V1.3.0

8.3.6 usp_ReportSentUnclassifiedAttachments

Item	Description
Description	Stored Procedure to create the 'Emails sent with unclassified attachments' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	FromDate DATETIME2 Department VARCHAR(64) = NULL
Output	
Version	V1.3.0

8.3.7 usp_ReportSentUnclassifiedAttachments

Item	Description
Description	Stored procedure to create the Classifier version report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	FromDate DATETIME2 ToDate DATETIME2 Application NVARCHAR(128) Computer NVARCHAR(2048) UserName NVARCHAR(2048)
Output	
Version	V1.4.1

8.4 ClassifierReport3 Table Value Functions

These table value functions are all by **Classifier Reporting Console** reports.

8.4.1 fnClassifierActivity

Item	Description
Description	Function used to create the 'Printed Documents' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	Days INTEGER, Event INTEGER
Output	Returns EventId, TimeCreated & Classification from ClassifierWorking.SystemEvents that matches the input parameters
Version	V1.3.0

8.4.2 fnClassifierActivityCount

Item	Description
Description	Function used to create the 'Printed Documents' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	Days INTEGER,

	Event INTEGER
Output	Returns count of records from ClassifierWorking.SystemEvents that matches the input parameters
Version	V1.3.0

8.4.3 fnClassifierDowngradeActivity

Item	Description
Description	Function used to create the 'Downgraded Documents' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	Days INTEGER, Event INTEGER Response VARCHAR(64)
Output	Returns EventId, TimeCreated, UserName, OriginalLabel, Classification, Application, EventGeneralDescription, Advisory & Reason from ClassifierWorking.SystemEvents , ClassifierWorking.EventGeneralDetails & ClassifierWorking.EventCheckDetails that matches the input parameters
Version	V1.3.0

8.4.4 fnClassifierDowngradeActivityCount

Item	Description
Description	Function used to create the 'Downgraded Documents' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.

Input Parameters	Days INTEGER, Event INTEGER Response VARCHAR(64)
Output	Returns count of records from ClassifierWorking.SystemEvents , ClassifierWorking.EventGeneralDetails & ClassifierWorking.EventCheckDetails that matches the input parameters that matches the input parameters.
Version	V1.3.0

8.4.5 fnClassifierLabelActivity

Item	Description
Description	Function used to create the 'Document and email classifications' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	Days INTEGER Event INTEGER NOCLASSIFICATION VARCHAR(2048)
Output	Returns TimeCreated, Classification & EventID from ClassifierWorking.SystemEvents that matches the input parameters
Version	V1.3.0

8.4.6 fnClassifierLabelActivityCount

Item	Description
Description	Function used to create the 'Document and email classifications' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.

Input Parameters	Days INTEGER Event INTEGER NOCLASSIFICATION VARCHAR(2048)
Output	Returns count of records from ClassifierWorking.SystemEvents that matches the input parameters
Version	V1.3.0

8.4.7 fnClassifierLabelCounts

Item	Description
Description	Function used in the 'Classified versus no marking' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	Days INTEGER Event INTEGER
Output	Returns 1 Text "Classified" & count of events from ClassifierWorking.SystemEvents that meet the input parameters and has a non-null classification 2 Text "Not classified" ¹²² & count of events from ClassifierWorking.SystemEvents that meet the input parameters and have no classification
Version	V1.3.0

8.4.8 fnClassifierMachines

Item	Description
Description	Function that creates the 'Machines configured with Classifier over the last 7 and 30 days' report.
Used By	Classifier Reporting Console

¹²² Changed from "No Marking" to "Not classified" in V1.4.0

Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	Days INTEGER
Output	Returns 1 Text "Enabled" and count of Classifier enabled Computers from ClassifierReporting. PolicyDistribution that meet the input parameters. 2 Text "Not enabled" and Count of Computers from ClassifierWorking.Computers on which no Classifier event has been recorded and meets the input parameters.
Version	V1.3.0

8.4.9 fnClassifierUserActivity

Item	Description
Description	Function used to create the 'Total documents saved by classification and use' and 'Total emails sent by classification and user' reports
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	Event INTEGER StartTime DATETIME2 EndTime DATETIME2 UserName VARCHAR(2048) Classification VARCHAR(2048)
Output	Returns SystemEventId, TimeCreated, UserName, Classification & EventId from ClassifierWorking.SystemEvents that matches the input parameters
Version	V1.3.0

8.4.10 fnClassifierLabelActivityTopN

Item	Description
Description	Function used to create the 'Classifier activity over the last 7 and 30 days' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	TopN INTEGER Days INTEGER Event INTEGER NOCLASSIFICATION VARCHAR(2048)
Output	Returns TimeCreated, Classification & EventID from ClassifierWorking.SystemEvents that matches the input parameters, for the TopN most numerous classifications.
Version	V1.3.0

8.4.11 fnClassifierLabelActivityTopNCount

Item	Description
Description	Function used to create the 'Classifier activity over the last 7 and 30 days' report.
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	TopN INTEGER Days INTEGER Event INTEGER NOCLASSIFICATION VARCHAR(2048)
Output	Returns count of records from ClassifierWorking.SystemEvents that matches the input parameters for the TopN most numerous classifications.
Version	V1.3.0

8.4.12 fnReasons

Item	Description
Description	Function returns a list of reasons provided by Users for ignoring warnings for the specified event in the specified time period
Used By	Classifier Reporting Console
Execute Permissions	Users Login mapped to ClassifierConsumerRole role.
Input Parameters	StartDate DateTime2 Event INTEGER
Output	Reason Order (rank), User supplied reason
Version	V1.3.0

8.5 Application Locks

Lock	Used In	Version
CriticalSectionComputers	usp_StagingComputersInsert usp_StagingComputersUpdateDelete usp_KnownComputersWorkingInsert	1.2.5
CriticalSectionDoc	usp_StagingDocumentEventsInsert usp_CreateIndices usp_DocumentEventWorkingInsert usp_DeleteData usp_ReorganizeIndices	1.2.5
CriticalSection	usp_StagingEmailEventsInsert usp_StagingKnownUsersInsert	1.2.5

	usp_StagingKnownUsersUpdateDelete usp_AttachmentSelectorValuesInsert usp_CreateIndices usp_EmailEventWorkingInsert usp_EventSelectorValuesInsert usp_KnownUsersWorkingInsert usp_ReorganizeIndices usp_DeleteData	
CriticalSectionMA	usp_StagingManagementEventsInsert usp_CreateIndices usp_ManagementEventsWorkingInsert usp_ReorganizeIndices usp_DeleteData	1.2.5
CriticalSectionBx	usp_StagingBoxClassifierEventsInsert usp_CreateIndices usp_ReorganizeIndices usp_DeleteData	1.4.0
CriticalSectionSS	usp_StagingServiceStatusActiveDirectoryInsert usp_StagingServiceStatusEventLogInsert usp_ServiceStatusWorkingInsert	1.4.0

8.6 SQL Jobs

Name	Description	Frequency	Version
AD Data Import	Runs the import to working tables SPs.	Every 10 minutes.	1.2.5
ClassifierEvents Delete ¹²³	Delete data older than the value in dbo.settings table.	Every 1 hour.	1.2.5
ClassifierEvents Import ¹²⁴	Runs the import to working tables SP.	Every 10 minutes.	1.2.5

¹²³ This SQL job is installed in a disabled state

¹²⁴ Modified in V1.2.5 to no longer call usp_ReorganizeIndices.

Index creation and reorganizing	Calls usp_CreateIndices to create indexes the first time it is run and then calls usp_ReorganiseIndices to rebuild fragmented indices.	Every 24 hours	1.2.5
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