

# Report Audit and Tracking

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## Overview

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Yellowfin has a complete audit facility for tracking which users are accessing data from your data sources. Each time a report is run a unique instance of that report definition and timestamp is saved.

As an administrator you will be able to run reports against the Yellowfin database to determine your usage statistics and track access to specific data sources and views.

## Should we maintain unique user logins?

For security and audit purposes it is vital that each user be given unique access logons to the system. If users use shared accounts your ability as an administrator to manage security and audit reporting use will be compromised.

## What data is stored in the report audit?

Each time a report is run a record is created that stores the details of that report.

Item	Description
Reader's User ID	Which user accessed the report
Report ID	Unique instance of a report definition
SQL Statement*	The SQL that was generated and passed to the database
Time Stamp	When the report was run
Duration	How long did the query take
Number of Rows Returned	How many rows were returned
Source System Accessed *	Which source system was accessed
View Accessed *	Which view was accessed as part of the query

\*Derived fields

By accessing the administration view and reporting your usage statistics you will be able to track and audit all users' access to the application and your Public data.

## Audit Event List

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In addition to the report instance tracking Yellowfin also maintains an event table which logs all major report related events. This table can be used for audit tracking for user activity.

The following is a list of all event types and their descriptions as logged to the Yellowfin event table.

EventTypeCode	EventCode	Description	SessionId	IpSource	UnitId	ReferenceId	Data
EXPORT	EXPORTCATEGORY	Export category	Yes	IpPerson	1	ContentManagementId	Category, SubCategory, LoginAccess, ShortDescription
EXPORT	EXPORTDASHBOARD	Export dashboard	Yes	IpPerson	1	Tab Id	GroupId (Tab Id), ShortDescription
EXPORT	EXPORTREPORT	Export report	Yes	IpPerson	1	ReportId	ReportId, ReportName
EXPORT	EXPORTSOURCE	Export data source	Yes	IpPerson	1	SourceId	SourceId, SourceName
EXPORT	EXPORTVIEW	Export view	Yes	IpPerson	1	ViewId	ViewId, ViewDescription
GROUP	CREATEGROUP	Group created	Yes	IpPerson	1	GroupId	Group
GROUP	DELETEGROUP	Delete Group	Yes	IpPerson	1	GroupId	Group
GROUP	UPDATEGROUP	Group updated	Yes	IpPerson	1	GroupId	Group

IMPORT	IMPORTCATEGORY	Import category	Yes	IpPerson	1	ContentManagementId	Category, SubCategory, LoginAccess, ShortDescription
IMPORT	IMPORTDASHBOARD	Import dashboard	Yes		1	Tab Id	GroupId, ShortDescription
IMPORT	IMPORTREPORT	Import report	Yes	IpPerson	1	ReportId	ReportId, ReportName
IMPORT	IMPORTSOURCE	Import data source	Yes	IpPerson	1	SourceId	SourceId, SourceName
IMPORT	IMPORTUSERS	Import users	Yes	IpPerson	1	99	UserN (IpPerson)
IMPORT	IMPORTVIEW	Import view	Yes	IpPerson	1	ViewId	ViewId, ViewDescription
REGISTRATION	CREATEUSER	Create user	Yes	IpPerson	1	New User's IpPerson	IpPerson, PersonName, UserId, RoleCode
REGISTRATION	DELETEUSER	User deleted	Yes	IpPerson	1	IpPerson of deleted user	User (user's name), email (user's userid), org
REGISTRATION	EDITUSER	Edit user	Yes	IpPerson	1	User's IpPerson	IpPerson, PersonName, UserId, RoleCode
REPORT	AUTOREFRESH	Scheduled report refreshed			1	ReportId	report
REPORT	DASHACTIVATE	Dashboard activated	Yes	IpPerson	1	Tab Id	reportgroup
REPORT	DASHADD	Existing tab added to user's dashboard	Yes	IpPerson	1	Tab Id	reportgroup
REPORT	DASHADDERPORT	Report added to existing dashboard	Yes	IpPerson	1	Tab Id	reportgroup, report
REPORT	DASHBOARD	Dashboard tab is run	Yes	IpPerson	1	Tab Id	requestortype, requestorid, dashboardid, dashboardtype, dashboardstatus, dashboardname
REPORT	DASHCREATE	New dashboard created	Yes	IpPerson	1	Tab Id	reportgroup
REPORT	DASHDELETE	Tab deleted from user's dashboard	Yes	IpPerson	1	Tab Id	reportgroup
REPORT	DASHDELETEREPORT	Report deleted from a dashboard	Yes	IpPerson	1	Tab Id	reportgroup, report
REPORT	DASHEDIT	Dashboard edited	Yes	IpPerson	1	Tab Id	reportgroup, parentgroup (if parent group exists)
REPORT	DASHREMOVED	Corp Dashboard removed entirely	Yes	IpPerson	1	Tab Id	reportgroup
REPORT	DASHRUN	Report is run from dashboard	Yes	IpPerson	1	ReportInstancelId	requestortype, requestor, timetorun, numrows, report
REPORT	EMAIL	Report emailed to someone	Yes	IpPerson	1	ReportId	message, recipientN, subject
REPORT	EXPORT	Report saved as external format (pdf, xls etc)	Yes	IpPerson	1	ReportId	filename, exporttype, filesize
REPORT	FAVEADD	Report added to favourites list	Yes	IpPerson	1	ReportId	report
REPORT	FAVEDELETE	Report deleted from favourites list	Yes	IpPerson	1	ReportId	report
REPORT	RPTBROADCAST	Scheduled broadcast run			Broadcast Id	ReportId	report, error
REPORT	RPTCOPY	Report copied	Yes	IpPerson	1	New ReportId	originalreport, newreport
REPORT	RPTCREATE	Report created	Yes	IpPerson	1	ReportId	report
REPORT	RPTDELETE	Report deleted	Yes	IpPerson	1	ReportId	report
REPORT	RPTEDIT	Report edited	Yes	IpPerson	1	ReportId	report
REPORT	RPTREFRESH	Refresh a manual-refresh report	Yes	IpPerson	1	ReportId	report
REPORT	RPTRUN	Report is run	Yes	IpPerson	1	ReportInstancelId	requestortype, requestor, timetorun, numrows, report
REPORT	RPTSEARCH	Report search performed	Yes	IpPerson	1	99	searchtext
REPORT	RPTSUBSCRIBE	User subscribed to a report	Yes	IpPerson	Broadcast Id	ReportId	report
REPORT	XMLTOOBIG	VersionHistory flag is on, but xml exceeds max size	Yes	IpPerson	1	ReportId	ContentManagementId, MaxSize, XMLSize
REPORTADMIN	CATCREATE	Report category created	Yes	IpPerson	1	ContentManagementId	Category, SubCategory, LoginAccess, ShortDescription
REPORTADMIN	CATDELETE	Report category deleted	Yes	IpPerson	1	ContentManagementId	Category, SubCategory, LoginAccess, ShortDescription
REPORTADMIN	CATEDIT	Report category edited	Yes	IpPerson	1	ContentManagementId	Category, SubCategory, LoginAccess, ShortDescription
REPORTADMIN	COMPOSITEVIEWREFRESH	Scheduled composite view refresh			1	ViewId	view, error
REPORTADMIN	DELETESCHEDULE	Scheduled task deleted	Yes	IpPerson	1	99	ScheduleSubjectCode, ScheduleUnitCode, ScheduleUnitId
REPORTADMIN	DISTRIBUTEDASH	Dashboard tab distributed to another user	Yes	IpPerson	1	Tab Id	fullname (person sending the tab), userid (userid of person sending the tab), tabId, recipient (IpPerson)
REPORTADMIN	DISTRIBUTEREPORT	Report distributed to another user	Yes	IpPerson	1	ReportId	fullname (person sending the report), userid (userid of person sending the report), reportId, recipient (IpPerson)
REPORTADMIN	KILLSESSION	Session killed	Yes	IpPerson	1	99	KilledSessionId, UserName, UserId

REPORTADMIN	LICENCELOAD ED	New Licence file loaded	Yes	IpPerson	1	DocumentId	DocumentId
REPORTADMIN	SOURCECREA TE	Data source created	Yes	IpPerson	1	SourceId	name, access, url, username
REPORTADMIN	SOURCEDELETE	Data source deleted	Yes	IpPerson	1	SourceId	name, access, url, username
REPORTADMIN	SOURCEEDIT	Data source edited	Yes	IpPerson	1	SourceId	name, access, url, username
REPORTADMIN	SOURCEFILTE RREFRESH	Scheduled source filter refresh			1	ReportTaskId	source, filter, error
REPORTADMIN	UPDATECONFIG	Configuration updated	Yes	IpPerson	1	99	
REPORTADMIN	VIEWACTIVATE	View activated	Yes	IpPerson	1	ViewId	name, access, status
REPORTADMIN	VIEWCREATE	View created	Yes	IpPerson	1	ViewId	name, access, status
REPORTADMIN	VIEWDEACTIV ATE	View deactivated (changed from active to draft mode)	Yes	IpPerson	1	ViewId	name, access, status
REPORTADMIN	VIEWDELETE	View deleted	Yes	IpPerson	1	ViewId	name, access, status
REPORTADMIN	VIEWEDIT	View edited	Yes	IpPerson	1	ViewId	name, access, status
ROLEADMIN	CREATEROLE	Role created	Yes	IpPerson	1	99	Role
ROLEADMIN	DELETEROLE	Role deleted	Yes	IpPerson	1	99	Role
ROLEADMIN	UPDATEROLE	Role updated	Yes	IpPerson	1	99	Role
SYSTEM	SHUTDOWN	System shutdown			1	99	ShutdownTime
SYSTEM	STARTUP	System startup			1	99	StartupTime
SYSTEMTASK	ADHOC	Used for various background system tasks (adhoc task started)			1	99	TaskName, StartTime
SYSTEMTASK	COMPLETE	Used for various background system tasks (task completed)			1	99	TaskName, CompleteTime
SYSTEMTASK	SCHEDULED	Used for various background system tasks (scheduled task started)			1	99	TaskName, StartTime
USERACCESS	DASHBOARD	Dashboard record cleanup	Yes	IpPerson	1	99	message, dashboardid
USERACCESS	LOGIN	User logs in	Yes	IpPerson	1	99	email (userid), browser, AccessType, ClientOrg?, ClientRefId?, webservices?
USERACCESS	LOGOUT	User logs out	Yes	IpPerson	1	99	PersonName, PersonId, OrgName, OrgId, UserId
USERACCESS	PASSWORDINV ALID	User enters invalid password during logon attempt		IpPerson	1	99	attempt, userid
USERACCESS	SESSIONTIME OUT	User's session times out	Yes	IpPerson	1	99	userid, AccessType, Timeout
USERACCESS	USERLOCKOUT	User enters invalid password 3 times and is locked out		IpPerson	1	99	attempt, userid

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