


# Sage SalesLogix

## Sage SalesLogix Database Index Enhancements

Optimizing Indexes for Performance



**Sage**  
8800 N. Gainey Center Dr., Suite 200  
Scottsdale, AZ 85258  
[www.sagecrmsolutions.com/products/sagesaleslogix](http://www.sagecrmsolutions.com/products/sagesaleslogix) | 800-854-3415

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## Overview

Sage SalesLogix has database scripts that are available to modify the indexes on the base SalesLogix table. Depending on your environment, these indexes may improve performance.

Note: You should be familiar with your database and any index changes you have made to it. Use the information in this document with your current database to tune the settings for your specific environment.

Running the optimization script is optional and at your own risk.

### ACCOUNT Table

Index	Action	Notes
ACCOUNT_ACCOUNTID_PK	MODIFIED	Changed to Clustered Index.
ACCOUNT_SECCODEID	MODIFIED	Changed to Non-Clustered Index.
ACCOUNT_ADDRESSID	MODIFIED	Added Fields TYPE and ACCOUNTID as Included fields based on combining two submitted indexes.
ACCOUNT_ACCOUNTUC	ADDED	
ACCOUNT_ACCOUNTMANAGERID	ADDED	

### ACTIVITY Table

Index	Action	Notes
ACTIVITY_TYPE	MODIFIED	Added Fields ACTIVITYID, STARTDATE, ALARM, ALARMTIME, and TIMELESS as Included fields.

### ADDRESS Table

Index	Action	Notes
ADDRESS_STATE	MODIFIED	Added ADDRESSID to the Index.
ADDRESS_ADDRESSID_EXT	ADDED	Index on ADDRESSID with Included fields of ADDRESS1, CITY, STATE, and POSTALCODE.

### ATTACHMENT Table

Index	Action	Notes
ATTACHMENT_ACTIVITY	ADDED	Index on ACTIVITYID.

### CAMPAIGNLEADSOURCE Table

Index	Action	Notes
CAMPAIGLEADSOURCE_ID_PK	DROPPED	Index name misspelled.
CAMPAIGNLEADSOURCE_ID_PK	ADDED	Replaced misspelled index name.

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**CONTACT Table**

Index	Action	Notes
CONTACT_CONTACTID_PK	MODIFIED	Changed to Clustered Index.
CONTACT_SECCODEID	MODIFIED	Changed to Non-Clustered Index.
CONTACT_ACCOUNTMANAGERID	ADDED	Index on ACCOUNTMANAGERID with Included field of ADDRESSID.

**CONTRACT Table**

Index	Action	Notes
CONTRACT_ACCOUNTID	ADDED	Non-Clustered Index on ACCOUNTID.
CONTRACT_CONTRACTID_PK	MODIFIED	Changed to Clustered Primary Key.
CONTRACT_CONTRACTID	MODIFIED	Changed to Non-Clustered Index.

**DEFECT Table**

Index	Action	Notes
DEFECT_DEFECTID_PK	MODIFIED	Changed to Primary Key Clustered.
DEFECT_STATUSCODE	ADDED	Added index on STATUSCODE field.

**EVENT Table**

Index	Action	Notes
EVENT_USERID	DROPPED	Dropped for the recommended index of EVENT_USERIDSTARTDATEEVENTID.
EVENT_USERIDSTARTDATEEVENTID	ADDED	Recommended by Microsoft SQL DB Tuning Wizard.

**HISTORY Table**

Index	Action	Notes
HISTORY_TYPEUSERCREATEDATE	ADDED	Index on TYPE, USERID, and CREATEDATE with Included fields of HISTORYID, DESCRIPTION, and NOTES. May help with Welcome Page performance.
HISTORY_CONTACTID	MODIFIED	Changed to Non-Clustered index.
HISTORY_HISTORYID_PK	MODIFIED	Changed to Clustered Primary Key.

**HIST\_LEAD Table**

Index	Action	Notes
HISTORY_LEAD_HIST_LEADID	MODIFIED	Changed to Clustered Index.

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**HIST\_LEAD\_ADDRESS Table**

Index	Action	Notes
HISTORY_LEAD_ADDRESSID	DROPPED	Dropped Non-Unique Non-Clustered index.
HISTORY_LEAD_ADDRESSID_PK	ADDED	Added Non-Clustered Primary Key Constraint.
HISTORY_LEAD_LEADID	MODIFIED	Changed to Clustered index.

**HIST\_LEAD\_HISTORY Table**

Index	Action	Notes
HIST_LEAD_HISTORY_PRIMARY	DROPPED	Removed unique index so that Primary Key can be added.
HISTORY_LEAD_HISTORY_HISTORYID	ADDED	Added Clustered Primary Key.

**HIST\_LEAD\_QUAL Table**

Index	Action	Notes
HIST_LEAD_QUALID	DROPPED	Removed non-unique index so that the Primary key can be added.
HIST_LEAD_QUALID_PK	ADDED	Added Clustered Primary Key.

**LEAD\_ADDRESS Table**

Index	Action	Notes
LEAD_ADDRESS_LEAD_ADDRESSID_PK	MODIFIED	Changed to Non-clustered Primary Key.
LEAD_ADDRESS_LEADID	MODIFIED	Changed to Clustered Index.

**OPPORTUNITY Table**

Index	Action	Notes
OPPORTUNITY_OPPORTUNITYID_PK	MODIFIED	Changed to Clustered Index.
OPPORTUNITY_SECCODEID	MODIFIED	Changed to Non-Clustered Index.

**PICKLIST Table**

Index	Action	Notes
PICKLIST_ITEMID_PK	ADDED	Added Clustered Primary Key.
PICKLIST_PICKLISTID	ADDED	Added Non-Clustered Index.
PICKLIST_COMPOSITE	DELETED	Deleted Index

**RESOURCELIST Table**

Index	Action	Notes
RESOURCELIST_RESOURCEID_PK	DROPPED	Index is not spelled correctly.
RESOURCELIST_RESOURCEID_PK	ADDED	Replaces the index that was dropped.

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### SALESORDER Table

Index	Action	Notes
SALESORDER_SALESORDERID_PK	MODIFIED	Changed from Unique Index to Primary Key (Non-Clustered).
SALESORDER_ACCOUNTID	MODIFIED	Changed to Clustered Index.

### SECCODE Table

Index	Action	Notes
SECCODE_SECCODEID	MODIFIED	Changed to Clustered Index.
SECCODE_SECCODEDESC	MODIFIED	Changed to Non-Clustered Index.

### SECRIGHTS Table

Index	Action	Notes
SECRIGHTS_SECCODEID	MODIFIED	Added ACCESSID to the Index.
SECRIGHTS_ACCIDSECID	ADDED	Index on ACCESSID and SECCODEID.

### TICKET Table

Index	Action	Notes
TICKET_ACCOUNTID	ADDED	Clustered Index on ACCOUNTID.
TICKET_SECCODEID	MODIFIED	Changed to Non-Clustered Index.
TICKET_CONTACTID	ADDED	Index on CONTACTID.
TICKET_CONTRACTID	ADDED	Index on CONTRACTID.

### USERCALENDAR Table

Index	Action	Notes
USERCALENDAR_CALUSERID	MODIFIED	Added USERID to the Index.
USERCALENDAR_USERID	MODIFIED	Added CALUSERID to the Index.

### USERACTIVITY Table

Index	Action	Notes
USERACTIVITY_UIDCONF	ADDED	Index on USERID, CONFIRMED with Included fields of ACTIVITYID, ALARMTIME, and ALARM

### VIRTUALFILESYSTEM Table

Index	Action	Notes
VFS_VFSID_PK	MODIFIED	Dropped unique index and re-added as a Clustered Primary key.

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