

AS Database Schema Change(AS9.1 April 2014 vs. Oct 2014 GA) - Summary

AS Database Schema Change(AS9.1sp14 vs AS9.1SP16) (11/05/2014)

Schema change summary

Bblearn schema

--April 2014 GA (9.1.201404.160205)

--Oct 2014 GA (9.1.201410.160373)

BBLEARN (formerly bb_bb60)

- 29 new tables, 6 has been dropped.
- 0 new views, 2 modified views, 0 dropped view.
- 28 new columns, 97 modified columns, 14 dropped column.
- 4 new indexes, 0 modified, 9 has been dropped.
- 9 new sequences
- 1 new trigger, 0 modified triggers, 0 dropped triggers.
- 11 new constraints, 0 modified constraints, 7 dropped constraints.
- 0 job dropped.
- 3 new store procedures
- 0 new packages, 0 modified packages

TABLE: COURSE_LMS_INTEGRATIONS has been dropped.
TABLE: LMS_COURSE_ROLE_MAPPING has been dropped.
TABLE: LMS_INTEGRATIONS has been dropped.
TABLE: MODULE_LMS_INTEGRATION has been dropped.
TABLE: REDIS_CACHE_SETTINGS has been dropped.
TABLE: USER_LMS_INTEGRATION has been dropped.
TABLE: Found new TABLE: ADMIN_PANEL_COMMUNICATION.
TABLE: Found new TABLE: BBGS_CUSTOM_ITEM.
TABLE: Found new TABLE: BBGS_MBS_ALERTS.
TABLE: Found new TABLE: BBGS_MBS_ALERT_ANALYTICS.
TABLE: Found new TABLE: BBGS_MBS_ALERT_COURSES.
TABLE: Found new TABLE: BBGS_MBS_ALERT_LTI_ROLES.
TABLE: Found new TABLE: BBGS_MBS_ALERT_MI_NODES.
TABLE: Found new TABLE: BBGS_MBS_ALERT_USERS.
TABLE: Found new TABLE: CRS_APP_SETTINGS_REC_TMP.
TABLE: Found new TABLE: EXTERNAL_COURSES.
TABLE: Found new TABLE: RETENTION_CENTER_STAGE.
TABLE: Found new TABLE: RETENTION_CENTER_STAGE_ATTEMPT.
TABLE: Found new TABLE: RETENTION_CENTER_STAGE_GRADE.
TABLE: Found new TABLE: RETENTION_CENTER_STAGE_ODS.
TABLE: Found new TABLE: SCORMEXPIRABLEOBJECTSTORE.
TABLE: Found new TABLE: SCORMOBJECTSTORE.
TABLE: Found new TABLE: SCORMPACKAGEPROPERTIESPRESETS.
TABLE: Found new TABLE: SCORPENSCOMMAND.
TABLE: Found new TABLE: SCORPENSCOMMANDSCORMPACKAGE.
TABLE: Found new TABLE: SCORTINCANAGENT.
TABLE: Found new TABLE: SCORTINCANCONTENTTOKEN.
TABLE: Found new TABLE: SCORTINCANCONTEXTACTIVITY.
TABLE: Found new TABLE: SCORTINCANDATACABINETRESULTS.
TABLE: Found new TABLE: SCORTINCANFORWARDINGMAP.
TABLE: Found new TABLE: SCORTINCANPERMISSIONS.
TABLE: Found new TABLE: SCORTINCANRELATEDACTIVITY.
TABLE: Found new TABLE: SCORTINCANRELATEDAGENT.
TABLE: Found new TABLE: SCORTINCANSTATEMENTINDEX.
TABLE: Found new TABLE: SCORTINCANTARGETSTATEMENT.
VIEW: SP_PREVIEW_USER_VW. TEXT_LENGTH is 984. It was 947.
VIEW: AVL_CRIT_GRADEC_LAST_NG_VW. TEXT_LENGTH is 343. It was 323.
COLUMN: COURSE_MAIN.SOURCEDID_SOURCE has been dropped.
COLUMN: DEPLOYMENT_ANNOUNCEMENTS.EXT_ANNOUNCEMENT_ID has been dropped.

COLUMN: SCORMACTIVITY.SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMACTIVITY.SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMACTIVITY.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMACTIVITY.AICC_SESSION_ID. DATA_LENGTH is 2000. It was 36.
 COLUMN: SCORMACTIVITYOBJECTIVE.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMACTIVITYRT.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMACTIVITYRTCOMMENT.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMACTIVITYRTINTCORRECTRESP.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMACTIVITYRTINTERACTION.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMACTIVITYRTINTLEARNERRESP.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMACTIVITYRTINTOBJECTIVE.OBJECTIVE_ID. NULLABLE is Y. It was N.
 COLUMN: SCORMACTIVITYRTINTOBJECTIVE.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMACTIVITYRTOBJECTIVE.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMAICCSESSION.AICC_SESSION_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMAICCSESSION.AICC_SESSION_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMAICCSESSION.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMLAUNCHHISTORY.LAST_RUNTIME_UPDATE. NULLABLE is Y. It was N.
 COLUMN: SCORMMETADATA.SCORM_METADATA_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMMETADATA.SCORM_METADATA_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMMETADATA.SCORM_PACKAGE_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMMETADATA.SCORM_PACKAGE_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMMETADATA.SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMMETADATA.SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMMETADATA.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMOBJECT.SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECT.SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMOBJECT.SCORM_PACKAGE_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECT.SCORM_PACKAGE_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMOBJECTHIERARCHY.PARENT_SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECTHIERARCHY.PARENT_SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMOBJECTHIERARCHY.CHILD_SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECTHIERARCHY.CHILD_SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMOBJECTHIERARCHY.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMOBJECTIDENTIFIERS.SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECTIDENTIFIERS.SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMOBJECTIDENTIFIERS.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMOBJECTSEQDATA.SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECTSEQDATA.SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMOBJECTSEQDATA.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMOBJECTSEQOBJECTIVE.SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECTSEQOBJECTIVE.SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMOBJECTSEQOBJECTIVE.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMOBJECTSEQOBJECTIVEMAP.SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECTSEQOBJECTIVEMAP.SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMOBJECTSEQOBJECTIVEMAP.TARGET_OBJECTIVE_ID. NULLABLE is Y. It was N.
 COLUMN: SCORMOBJECTSEQOBJECTIVEMAP.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMOBJECTSEQROLLUPRULE.SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECTSEQROLLUPRULE.SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMOBJECTSEQROLLUPRULE.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMOBJECTSEQROLLUPRULECOND.SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECTSEQROLLUPRULECOND.SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMOBJECTSEQROLLUPRULECOND.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMOBJECTSEQRULE.SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECTSEQRULE.SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMOBJECTSEQRULE.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMOBJECTSEQRULECOND.SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECTSEQRULECOND.SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMOBJECTSEQRULECOND.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMOBJECTSHARED DATAMAP.SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECTSHARED DATAMAP.SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMOBJECTSHARED DATAMAP.UPDATE_BY. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECTSHARED DATAMAP.UPDATE_BY. DATA_LENGTH is 100. It was 50.
 COLUMN: SCORMOBJECTSSPBUCKET.SCORM_OBJECT_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECTSSPBUCKET.SCORM_OBJECT_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMOBJECTSSPBUCKET.UPDATE_BY. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMOBJECTSSPBUCKET.UPDATE_BY. DATA_LENGTH is 100. It was 32.
 COLUMN: SCORMPACKAGE.SCORM_PACKAGE_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMPACKAGE.SCORM_PACKAGE_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMPACKAGE.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMPACKAGEPROPERTIES.SCORM_PACKAGE_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMPACKAGEPROPERTIES.SCORM_PACKAGE_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMPACKAGEPROPERTIES.UPDATE_BY. DATA_LENGTH is 100. It was 64.

COLUMN: SCORMREGISTRATION.SCORM_PACKAGE_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMREGISTRATION.SCORM_PACKAGE_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORMREGISTRATION.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMREGISTRATIONGLOBALOBJ.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORMREGISTRATIONSSPBUCKET.DATA. NULLABLE is Y. It was N.
 COLUMN: SCORMREGISTRATIONSSPBUCKET.UPDATE_BY. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORMREGISTRATIONSSPBUCKET.UPDATE_BY. DATA_LENGTH is 100. It was 32.
 COLUMN: SCORTINCANACTIVITYPROVIDER.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORTINCANACTIVITYPROVIDERMAP.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORTINCANACTORPROPERTIES.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORTINCANDOCUMENTS.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORTINCANDOCUMENTS.ACTOR_ID. DATA_LENGTH is 40. It was 36.
 COLUMN: SCORTINCANDOCUMENTS ASSERTER_ID. DATA_LENGTH is 82. It was 80.
 COLUMN: SCORTINCANLAUNCHTOKEN.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORTINCANOBJECTSTORE.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORTINCANPACKAGE.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORTINCANPACKAGE.SCORM_PACKAGE_ID. DATA_TYPE is NVARCHAR2. It was VARCHAR2.
 COLUMN: SCORTINCANPACKAGE.SCORM_PACKAGE_ID. DATA_LENGTH is 72. It was 36.
 COLUMN: SCORTINCANPREDICATELOG.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORTINCANREGISTRATION.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORTINCANSANDBOXAPPIDS.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORTINCANSTATEMENTS.UPDATE_BY. DATA_LENGTH is 100. It was 64.
 COLUMN: SCORTINCANSTATEMENTS.ACTOR_ID. DATA_LENGTH is 40. It was 36.
 COLUMN: SCORTINCANSTATEMENTS.TARGET_ACTOR_ID has been dropped.
 COLUMN: SCORTINCANSTATEMENTS.TARGET_ACTIVITY_ID has been dropped.
 COLUMN: SCORTINCANSTATEMENTS.TARGET_ACTIVITY_ID_SHA1 has been dropped.
 COLUMN: SCORTINCANSTATEMENTS.TARGET_STATEMENT_ID has been dropped.
 COLUMN: SCORTINCANSTATEMENTS ASSERTER_ID. DATA_LENGTH is 82. It was 80.
 COLUMN: SCORTINCANSTATEMENTS.TIMESTAMP has been dropped.
 COLUMN: SCORTINCANSTATEMENTS.RESULT has been dropped.
 COLUMN: SCORTINCANSTATEMENTS.IN_PROGRESS has been dropped.
 COLUMN: SCORTINCANSTATEMENTS.VOIDED has been dropped.
 COLUMN: SCORTINCANSTATEMENTS.CONTEXT has been dropped.
 COLUMN: SCORTINCANSTATEMENTS.CTX_GROUP_ACT_ID has been dropped.
 COLUMN: SCORTINCANSTATEMENTS.CTX_PARENT_ACT_ID has been dropped.
 COLUMN: SCORTINCANSTATEMENTS.CTX_OTHER_ACT_ID has been dropped.
 COLUMN: SCORTINCANSTATEMENTS.CTX_INSTRUCTOR_ID. DATA_LENGTH is 40. It was 36.
 COLUMN: Found new COLUMN: ATTEMPT.EXPECTED_END_DATE.
 COLUMN: Found new COLUMN: BBGS_COURSEUSER_REGISTRY_LONG_VALUE.
 COLUMN: Found new COLUMN: BBGS_COURSEUSER_REGISTRY.DTCREATED.
 COLUMN: Found new COLUMN: COURSE_CONTENTS.PARTIALLY_VISIBLE_IND.
 COLUMN: Found new COLUMN: COURSE_MAIN.ULTRA_STATUS.
 COLUMN: Found new COLUMN: LOCALES.CALENDAR_TYPE.
 COLUMN: Found new COLUMN: PFLIO.MIGRATION_ATTEMPTED.
 COLUMN: Found new COLUMN: SCORMACTIVITYRTCOMMENT.ID.
 COLUMN: Found new COLUMN: SCORMENGINEDBUPDATES.UPDATE_BY.
 COLUMN: Found new COLUMN: SCORMLAUNCHHISTORY.EXIT_TIME_UTC.
 COLUMN: Found new COLUMN: SCORMLAUNCHHISTORY.LAST_RUNTIME_UPDATE_UTC.
 COLUMN: Found new COLUMN: SCORMLAUNCHHISTORY.LAUNCH_TIME_UTC.
 COLUMN: Found new COLUMN: SCORMLAUNCHHISTORY.UPDATE_DT_UTC.
 COLUMN: Found new COLUMN: SCORMPACKAGE.COURSE_ID.
 COLUMN: Found new COLUMN: SCORMPACKAGEPROPERTIES.IE_COMPATIBILITY_MODE.
 COLUMN: Found new COLUMN: SCORMPACKAGEPROPERTIES.IS_AVAILABLE_OFFLINE.
 COLUMN: Found new COLUMN: SCORMREGISTRATION.COURSE_ID.
 COLUMN: Found new COLUMN: SCORMREGISTRATION.UPDATE_DT_UTC.
 COLUMN: Found new COLUMN: SCORMREGISTRATION.USER_NAME.
 COLUMN: Found new COLUMN: SCORTINCANDOCUMENTS.VERSION.
 COLUMN: Found new COLUMN: SCORTINCANDOCUMENTS ASSERTER_JSON.
 COLUMN: Found new COLUMN: SCORTINCANSTATEMENTS.VERSION.
 COLUMN: Found new COLUMN: SCORTINCANSTATEMENTS.TARGET_ID.
 COLUMN: Found new COLUMN: SCORTINCANSTATEMENTS.TARGET_TYPE.
 COLUMN: Found new COLUMN: SP_PREVIEW_USER_VW.CALENDAR_TYPE.
 COLUMN: Found new COLUMN: SP_PREVIEW_USER_VW.WEEK_FIRST_DAY.
 COLUMN: Found new COLUMN: USERS.CALENDAR_TYPE.
 COLUMN: Found new COLUMN: USERS.WEEK_FIRST_DAY.
 SEQUENCE: Found new SEQUENCE: ADMIN_PANEL_COMMUNICATION_SEQ.
 SEQUENCE: Found new SEQUENCE: BBGS_CUSTOM_ITEM_SEQ.
 SEQUENCE: Found new SEQUENCE: BBGS_MBS_ALERTS_SEQ.
 SEQUENCE: Found new SEQUENCE: BBGS_MBS_ALERT_ANALYTICS_SEQ.
 SEQUENCE: Found new SEQUENCE: BBGS_MBS_ALERT_COURSES_SEQ.
 SEQUENCE: Found new SEQUENCE: BBGS_MBS_ALERT_LTI_ROLES_SEQ.
 SEQUENCE: Found new SEQUENCE: BBGS_MBS_ALERT_MI_NODES_SEQ.

SEQUENCE: Found new SEQUENCE: BBGS_MBS_ALERT_USERS_SEQ.
 SEQUENCE: Found new SEQUENCE: EXTERNAL_COURSES_SEQ.
 TRIGGER: Found new TRIGGER: COURSE_ASSESSMENT.COURSE_ASSESSMENT_UTRG.
 CONSTRAINT: PLUGINS.INDICATOR85 has been dropped.
 CONSTRAINT: PLUGINS.INDICATOR95 has been dropped.
 CONSTRAINT: SCORMACTIVITYRTINTOBJECTIVE.CHECK_OBJECTIVE_ID has been dropped.
 CONSTRAINT: SCORMLAUNCHHISTORY.CHECK_LAST_RUNTIME_UPDATE has been dropped.
 CONSTRAINT: SCORMOBJECTSEQOBJECTIVEMAP.CHECK_TARGET_OBJECTIVE_ID has been dropped.
 CONSTRAINT: SCORMREGISTRATIONSSPBUCKET.CHECK_DATA has been dropped.
 CONSTRAINT: SCORTINCANSTATEMENTS.CHECK_IN_PROGRESS has been dropped.
 CONSTRAINT: Found new CONSTRAINT: BBGS_COURSEUSER_REGISTRY.CHECK_DTCREATED.
 CONSTRAINT: Found new CONSTRAINT: COURSE_CONTENTS.PARTIALLY_VISIBLE_ENUM.
 CONSTRAINT: Found new CONSTRAINT: COURSE_MAIN.ULTRA_STATUS_ENUM.
 CONSTRAINT: Found new CONSTRAINT: LOCALES.CALENDAR_TYPE_ENUM_INST.
 CONSTRAINT: Found new CONSTRAINT: PLUGINS.PLUGINS_AVAILABLE_FLAG_CK.
 CONSTRAINT: Found new CONSTRAINT: PLUGINS.PLUGINS_LISTENER_FLAG_CK.
 CONSTRAINT: Found new CONSTRAINT: SCORMENGINEDBUPDATES.CHECK_UPDATE_BY.
 CONSTRAINT: Found new CONSTRAINT: SCORMPACKAGE.CHECK_COURSE_ID.
 CONSTRAINT: Found new CONSTRAINT: SCORMREGISTRATION.CHECK_COURSE_ID.
 CONSTRAINT: Found new CONSTRAINT: USERS.CAL_TYPE_URS_ENUM_INST.
 CONSTRAINT: Found new CONSTRAINT: USERS.FDOTW_ENUM.
 INDEX: BB_USER_SYNC_EVENT.SYS_C004253727 has been dropped.
 INDEX: BB_COURSE_SYNC_EVENT.SYS_C004253721 has been dropped.
 INDEX: DATA_INTGR_ID_MAP_TMP.DATA_INTGR_ID_MAP_TMP_IE1 has been dropped.
 INDEX: COURSE_CONTENTS.COURSE_CONTENTS_IE5 has been dropped.
 INDEX: SCORTINCANSTATEMENTS.SCORM_IX46 has been dropped.
 INDEX: MSG_MAIN.MSG_MAIN_IE3 has been dropped.
 INDEX: Found new INDEX: SCORTINCANSTATEMENTS.SCORTINCANSTATEMENTS_IE1.
 INDEX: Found new INDEX: ATTEMPT.ATTEMPT_IE4.
 INDEX: Found new INDEX: BB_USER_SYNC_EVENT.SYS_C003125588.
 INDEX: Found new INDEX: BB_COURSE_SYNC_EVENT.SYS_C003125582.

 PROCEDURE: Found new PROCEDURE: CRS_APP_SETTINGS_REC.
 PROCEDURE: Found new PROCEDURE: HAS_COURSE_ENTITLEMENT.
 PROCEDURE: Found new PROCEDURE: LINK_CT_SPE_CP.

BBLEARN_STATS (formerly bb_bb60_stats)

- 0 new tables, 0 dropped
- 0 new views, 1 modified views, 0 dropped views.
- 0 new columns, 0 modified columns, 1 dropped column.
- 0 new indexes, 0 has been dropped.
- 0 new sequences.
- 0 triggers
- 0 new constraints, 0 modified constraints, 0 dropped constraints.
- 0 new jobs.
- 0 new store procedures
- 0 new packages, 1 modified packages

VIEW: RPT_LS_USER_VW. TEXT_LENGTH is 156. It was 179.
 COLUMN: COURSE_MAIN.SOURCEDID_SOURCE has been dropped.

BBLEARN_ADMIN

- 0 new tables, 0 dropped
- 0 new views, 1 modified views, 0 dropped views.
- 0 new columns, 4 modified columns, 0 dropped column.
- 0 new indexes, 0 has been dropped.
- 0 new sequences.
- 0 triggers
- 0 new constraints, 0 modified constraints, 0 dropped constraints.
- 0 new jobs.
- 0 new store procedures
- 0 new packages, 0 modified packages

COLUMN: BB_INSTANCE.BBUID. DATA_LENGTH is 65. It was 20.
 COLUMN: BB_INSTANCE.DB_USER. DATA_LENGTH is 126. It was 36.

COLUMN: BB_INSTANCE.DB_INSTANCE. DATA_LENGTH is 63. It was 18.
COLUMN: SYSTEM_HISTORY.BBUID. DATA_LENGTH is 65. It was 20.

COLUMN: BB_INSTANCE.BBUID. DATA_LENGTH is 65. It was 20.
COLUMN: BB_INSTANCE.DB_USER. DATA_LENGTH is 126. It was 36.
COLUMN: BB_INSTANCE.DB_INSTANCE. DATA_LENGTH is 63. It was 18.
COLUMN: SYSTEM_HISTORY.BBUID. DATA_LENGTH is 65. It was 20.