



Sybase Adaptive Server Enterprise System Tables Diagram, an entity relationship diagram for Sybase Adaptive Server Enterprise 12.5.1



MLG part number DC70204-01-1251-02



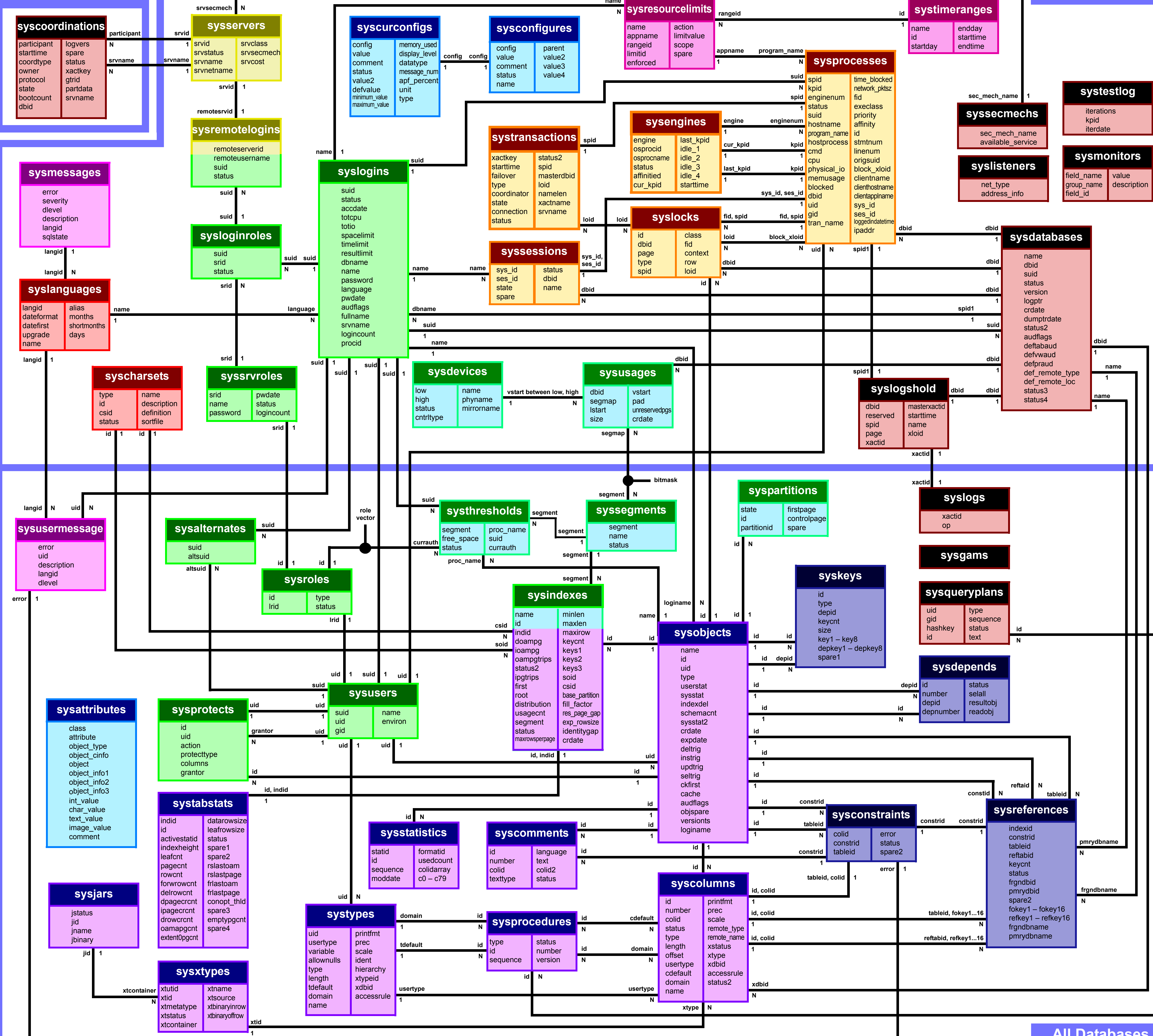
Key

- Configuration
Users, Roles & Permissions
Remote Servers
Storage
Time Ranges & Limits
Messages
Objects
Integrity Relationships
Processes & Locks
Language & Character Sets
Miscellaneous

The lines represent key relationships and potentially useful joins. The column names for the relationships appear above or to the left of the lines, and the type of relationship (1:1, 1:N, N:N) appears below or to the right of the lines.

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syscoordinations table with fields: participant, starttime, coordtype, owner, protocol, state, bootcount, dbid, loggers, spare, status, xackkey, grid, partdata, srvname

syservers table with fields: srvstatus, srvname, srvnetname, srvid, srvclass, srvsemech, srvcost

sysurconfigs table with fields: config, value, comment, status, value2, defvalue, minimum\_value, maximum\_value, memory\_used, display\_level, datatype, message\_num, apf\_percent, unit, type

sysconfigures table with fields: config, value, comment, status, name, parent, value2, value3, value4

sysresourceimits table with fields: name, appname, rangeid, limitid, enforced, action, limitvalue, scope, spare

sysprocesses table with fields: spid, kpid, enginenum, status, hostname, program\_name, hostprocess, cmd, stmntnum, linenum, origspid, block\_xloid, clientname, clienthostname, clientappname, sys\_id, uid, ses\_id, loggedindatetime, ipaddr, time\_blocked, network\_pktsz, fid, execclass, priority, affinity

systemranges table with fields: name, id, startday, endday, starttime, endtime

syssecmechs table with fields: sec\_mech\_name, available\_service

syslisteners table with fields: net\_type, address\_info

sysdatabases table with fields: name, dbid, suid, status, version, logptr, crdate, dumptrdate, status2, audflags, defwbaud, defwraud, defpraud, def\_remote\_type, def\_remote\_loc, status3, status4

sysmessages table with fields: error, severity, level, description, langid, sqlstate

syslanguages table with fields: langid, dateformat, datefirst, upgrade, name, alias, months, shortmonths, days

sysremotelogins table with fields: remoteserverid, remoteservername, suid, status

sysloginroles table with fields: suid, srvid, status

syslogins table with fields: suid, status, accdate, totcpu, totio, spacelimit, timelimit, resultlimit, dbname, name, password, language, pwdate, audflags, fullname, srvid, logincount, procid

systransactions table with fields: xactkey, starttime, failover, type, coordinator, state, connection, status, status2, spid, masterbid, loid, namelen, xactname, srvid

sysengines table with fields: engine, osprocid, osprocname, status, affinity, cur\_kpid, last\_kpid, idle\_1, idle\_2, idle\_3, idle\_4, starttime

syslocks table with fields: id, dbid, page, type, spid, fid, dbid, block\_xloid, sys\_id, ses\_id, tran\_name

syssessions table with fields: sys\_id, ses\_id, status, dbid, name

syslogshold table with fields: dbid, reserved, spid, page, xactid, masterxactid, starttime, name, xloid

syscharsets table with fields: type, id, csid, status, name, description, definition, sortfile

sysssrvroles table with fields: srvid, name, password, status, logincount

sysdevices table with fields: low, high, status, cntritype, name, phynname, mirrorname

sysusages table with fields: dbid, segmap, lstart, size, vstart, pad, unreservedpgs, crdate

syspartitions table with fields: state, id, partitionid, firstpage, controlpage, spare

syslogs table with fields: xactid, op

sysalternates table with fields: suid, altsuid

sysroles table with fields: id, lrid, type, status

systhresholds table with fields: segment, free\_space, status, proc\_name, suid, currauth

syssegments table with fields: segment, name, status

sysindexes table with fields: name, id, minlen, maxlen, doampg, ioampg, oampgtrips, status2, ipgtrips, first, root, distribution, fill\_factor, usagecnt, segment, status, maxrowsperpage, crdate, keys1, keys2, keys3, soid, csid, base\_partition, res\_page\_gap, exp\_rowsize, identitygap, crdate

syskeys table with fields: id, type, depid, keycnt, size, key1-key8, depkey1-depkey8, spare1

sysobjects table with fields: name, id, uid, type, userstat, sysstat, indexedel, schemacnt, sysstat2, crdate, expdate, deltrig, instrig, updtrig, seltrig, ckfirst, cache, audflags, objspare, versions, loginname

sysqueryplans table with fields: uid, gid, hashkey, id, type, sequence, status, text

sysdepends table with fields: id, number, depid, depnumber, status, selall, resultobj, readobj

sysattributes table with fields: class, attribute, object\_type, object\_cinfo, object, object\_info1, object\_info2, object\_info3, int\_value, char\_value, text\_value, image\_value, comment

sysprotects table with fields: id, uid, action, protecttype, columns, grantor

sysusers table with fields: suid, uid, gid, name, environ

sysstatistics table with fields: statid, id, sequence, moddate, formatid, usedcount, colidarray, c0-c79

syscomments table with fields: id, number, colid, text, language, colid2, status

syscolumns table with fields: id, number, colid, status, type, length, offset, usertype, cdefault, domain, name, printfmt, prec, scale, remote\_type, remote\_name, xstatus, xtype, xdbid, accessrule, status2, xdbid

sysconstraints table with fields: colid, constrid, tableid, error, status, spare2

sysreferences table with fields: indexid, constrid, tableid, reftabid, keycnt, status, frgnbdbid, pmrybdbid, spare2, fokey1-fokey16, refkey1-refkey16, frgndbname, pmrydbname

sysjars table with fields: jstatus, jid, jname, jbinary

systabstats table with fields: indid, activestatid, indexheight, leafcnt, pagecnt, rowcnt, forwrowcnt, delrowcnt, dpagercnt, ipagercnt, drowrcnt, oamapgcnt, extentpgcnt, datarowsize, leafrowsize, status, spare1, rslastoam, rslastpage, frlstoam, conopt\_thld, spare3, emptypgcnt, spare4

systypes table with fields: uid, usertype, variable, allownulls, type, length, tdefault, domain, name, printfmt, prec, scale, ident, hierarchy, xtypeid, xdbid, accessrule

sysprocedures table with fields: type, id, sequence, status, number, version

sysprocs table with fields: id, number, colid, status, type, length, offset, usertype, cdefault, domain, name

sysxtypes table with fields: xtutid, xtid, xtmetatype, xtstatus, xtcontainer, xtname, xtsource, xtbinaryinrow, xtbinaryoffrow, xtcontainer