

UDS VSAM SERVICES (MVS Only)

This chapter discusses installation and operation considerations for the UDS VSAM SERVICES. Note that this is relevant for MVS only.

- Installation Considerations
- Operation Considerations

Installation Considerations

UDS invokes IBM's IDCAMS utility program for VSAM SERVICES. The size of IDCAMS with its required subroutines is approximately 300K. Note that this may exceed the normal thread size where UDS is executing. In addition, it takes a considerable amount of time to load these large programs from an MVS load library.

Since IDCAMS and its subroutines are reentrant, they may be placed in the MVS LPA (link pack area). Note that this may decrease your private address space area. Alternatively, you can put the modules in Com-plete's RESIDENTPAGE area. The required control statements for Com-plete's sysparm RESIDENTPAGE are included in the following table.

Note:

If the listed modules are not in the LPA or RESIDENTPAGE area while the UDS VSAM SERVICES are invoked, an S80A abend may occur.

Statement	Approximate Size
RESIDENTPAGE=IDCAMS	124.0K
RESIDENTPAGE=IDCTSEX0	0.9K
RESIDENTPAGE=IDCTSTP0	1.8K
RESIDENTPAGE=IDCRI01	24.0K
RESIDENTPAGE=IDCRILT	0.6K
RESIDENTPAGE=IDCRIKT	0.1K
RESIDENTPAGE=IDCTSRI0	2.8K
RESIDENTPAGE=IDCCDDE	52.0K
RESIDENTPAGE=IDCDE01	36.0K
RESIDENTPAGE=IDCTSTP6	1.6K
RESIDENTPAGE=IDCTSUV0	1.2K
RESIDENTPAGE=IDCCDLC	2.2K
RESIDENTPAGE=IDCLC01	36.7K
RESIDENTPAGE=IDCTSLC0	8.9K
Total	292.8K

Operation Considerations

As a multi-user address space, the Com-plete online environment places some restrictions on the use of the IDCAMS utility program. Since Com-plete controls VSAM I/O operations, it is not possible to access VSAM data sets that are not connected to Com-plete with the REPRO and PRINT commands. In general, however, performance of all LISTCAT, DEFINE, DELETE, and ALTER operations is possible.