

August 1, 1998

BIM VSAM OPEN/CLOSE Router (BIM-VSR)

The following BIM products share a common interface for intercepting VSAM opens and/or closes:

BIM-ALERT/VSE
BIM-BUFF/VSE
BIM-JOURNAL/VSE

BIM-PACK/VSE
BIM-VSHARE/VSE

The modules for the BIM-VSR interface are normally shipped along with the individual products, but on occasion, can also be shipped on their own install tape.

Installation

It is important that you only install one copy of this interface, and it should be the most current version of the BIM-VSR interface. This will be the one on the install tape with the most recent date.

The following modules comprise the BIM-VSR interface:

| | |
|-----------------------|--|
| BIMVSRM.PHASE | Routing Facility command module. |
| BIMVSRP.PHASE | Routing Facility Open SVC router. |
| BIMVSRCL.PHASE | Routing Facility Close SVC router. |
| BIMVSRPO.PHASE | Routing Facility Post Open handler. |
| BIMVSRPC.PHASE | Routing Facility Post Close handler. |
| BIMVSRTB.PHASE | Routing Facility product table. |
| BIMVSRJE.PHASE | Routing Facility end-of-job handler. |
| BIMVSR0E.PHASE | Routing Facility SVC 14 intercept. |
| BIMVSRSC.PHASE | Routing Facility storage anchor for Close. |
| BIMVSRSO.PHASE | Routing Facility storage anchor for Open. |

Most of these modules must reside in the SVA. If you do not have BIM-ALERT/VSE, a job similar to the following must be added to your ASI procedure for BG before the activation JCL for any of the BIM products listed at the beginning of this document. BIM-ALERT/VSE will perform this step automatically during its activation process:

```
// JOB BIMVSR   LOAD SVA PHASES FOR BIM-VSR
/* THIS JOB MUST EXECUTE IN PARTITION BG
/* DO **NOT** RUN THIS JOB IF YOU HAVE BIM-ALERT/VSE
// OPTION LOG
// LIBDEF PHASE,SEARCH=bimvsr.loadlib
SET SDL
BIMVSRP,SVA
BIMVSRCL,SVA
BIMVSRPO,SVA
BIMVSRPC,SVA
BIMVSRTB,SVA
BIMVSRM,SVA
BIMVSRJE,SVA
BIMVSR0E,SVA      ('0' IS A ZERO)
/*
/&
```

In addition to the SVA modules, the following modules must be in a VSE library that is accessible to all partitions via a permanent LIBDEF:

BIMVSRSC.PHASE
BIMVSRSO.PHASE

This can be accomplished by copying these modules to a VSE library already in a permanent LIBDEF, or by adding the sublibrary that contains these phases to your permanent LIBDEF.

Activation

The BIM-VSR interface is automatically activated when the first BIM product is activated. If you have the product BIM-ALERT/VSE, it must be activated prior to the other BIM products listed at the beginning of this document because BIM-ALERT/VSE will load the required SVA modules as part of its initialization. The other BIM products can be activated in any order desired.

Deactivation

It is not normally necessary to deactivate this interface, however, if deactivation is desired, first deactivate all BIM products that use the BIM-VSR interface, and then run a job similar to the following:

```
// JOB BIMVSR   DEACTIVATE AND REMOVE THE BIM-VSR INTERFACE
// LIBDEF PHASE,SEARCH=bimvsr.loadlib
// EXEC BIMVSRM,PARM='SHUT11'
/*
/ &
```

The above job should be used with extreme caution. Deactivating the BIM-VSR interface also removes its 'hooks' into VSAM modules which may impact other non-BIM products in your environment that also 'hook' VSAM modules.

If the deactivation job does not complete successfully, VSAM opens and closes may fail until a SET SDL job is run for the phases IKQVOPEN and IKQVCLOSE.

Once deactivated, you must run the SET SDL job for the BIM-VSR phases before attempting to reactivate any BIM products that use this interface.