

If you are satisfied with the data in PARAMS.DAT, further adjustments are probably unnecessary.

If, on the other hand, you need to correct configuration data or modify system parameters to accommodate special conditions at your site, invoke AUTOGEN as described in the next section and follow the procedures outlined in Sections 11.3 and 11.4.

11.2 Invoking AUTOGEN

You can invoke AUTOGEN any time after an installation or an upgrade to reset parameter values and system file sizes. The new values and file sizes take effect the next time the system is bootstrapped.

To ensure that you have the required privileges, invoke AUTOGEN from the system manager's account. The format is:

```
$ $SYSSUPDATE:AUTOGEN [start-phase] [end-phase] [execution-type]
```

You can enter up to three parameters to designate the AUTOGEN operation you desire. All parameters are optional; however, missing leading parameters must be replaced by null arguments (that is, "").

Table 11-1 lists the phase parameters and their effects, including the files needed as input and the files created or changed for output. Table 11-2 summarizes execution types.

All files except VMSIMAGES.DAT reside in the directory specified by the SYSS\$SYSTEM logical name. VMSIMAGES.DAT resides in SYSS\$MANAGER.

The start phase must either precede or be identical to the end phase according to the sequence shown in Table 11-1 (the end phase defaults to the same value as the start phase). GENPARAMS is the default start phase; GENFILES may not be specified as the start phase.

Table 11-1 AUTOGEN Phase Parameters

Phase	Input Files	Output Files	Function
SAVPARAMS	None	OLDSITE.DAT	Save significant old parameters for propagation and update.
GETDATA	OLDSITE.DAT MODPARAMS.DAT	PARAMS.DAT	Collect all data that will be required by the GENPARAMS and GENFILES phases, including configuration data, old parameters, and site-specific items.
GENPARAMS	PARAMS.DAT	SETPARAMS.DAT VMSIMAGES.DAT	Generate new system parameters; create the installed image list.
TESTFILES	PARAMS.DAT	SYSS\$OUTPUT	Display the system page, swap, and dump file sizes calculated by AUTOGEN. (See Section 11.4 if you wish to specify sizes.)
GENFILES	PARAMS.DAT	PAGEFILE.SYS SWAPFILE.SYS SYSDUMP.DMP	Generate new system page, swap, and dump files if appropriate. Cannot be specified as the start phase.