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How To Use The Bootlist Command

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> **Note:** The information in this document has **not** been verified for AIX 4.1.

ABOUT THIS DOCUMENT

This document contains examples on the following topics:

For the service boot list, how to:

- View
- Invalidate
- Set to Tape Only
- Reset to Default

For the normal boot list, how to:

- View
- Invalidate
- Set to scdisk Only

For the service or normal boot list, how to:

`Display/Alter/Erase With diag`

This document applies to AIX 3.1 and 3.2.

For The Service Boot List

- To view the service boot list, run the following command:

```
bootlist -m service -r
Example output:
------------------- SERVICE IPLIST at address 0xa00278 ----
57 52  2 47 46  2 47 54  2 47           W R - G F - G T - G
43  2 47 4b  2 47 49  0  0  0           C - G K - G I - - -
0  0  0  0  0  0  0  0  0  0           - - - - - - - - - -
```

  Explanation of the output:

```
The "57 52" is at the start of the Service list.
The "2" is how many HEX bytes for the next field.
The "47 46" is the group for diskette (fd).
The "2" is how many HEX bytes for the next field.
The "47 54" is the group for tape (rmt).
The "2" is how many HEX bytes for the next field.
The "47 43" is the group for CDROM (cd).
The "2" is how many HEX bytes for the next field.
The "47 4b" is Bus Attached Disk (badisk)
The "2" is how many HEX bytes for the next field.
The "47 49" is the SCSI Disk (scdisk).
```

- To invalidate the service boot list, enter this command:

```
bootlist -m service -i
```

- To set the service boot list to tape only, enter this command:

```
bootlist -m service rmt
```

- To set the service boot list back to the default, enter this command:

```
bootlist -m service fd rmt cd badisk scdisk
```

For the Normal Boot List

- To view the normal boot list, enter this command:

```
bootlist -m normal -r
Example output:
------------------- NORMAL IPLIST at address 0xa00224 -----
4a 4d  2 47 49  0  0  5 26 5a           J M - V - - - - Z -
c6 39 76  0  0  0  0  0  0  0           9 v - - - - - - - -
```

  Explanation of the output:

```
The "4a 4d" is at the start of the Normal Boot List.
The "2" is how many HEX bytes for the next field.
The "47 49" is the SCSI Disk (scdisk).
Then there are two zeroes, "0  0", followed by the
pv_id of the boot disk, "5265ac63976".
```

  To determine which disk has the above pv_id, run:

```
lspv
```

Example output:

```
hdisk0          000005265ac63976      rootvg
hdisk1          00005264d21adb2e      rootvg
```

Notice that, in this example, the pv_id from the bootlist output matches the pv_id for hdisk0 (leading zeroes ignored).

- To invalidate the normal boot list, enter this command:

  ```
  bootlist -m normal -i
  ```

- To set the normal boot list to scdisk only, enter this command:

  ```
  bootlist -m normal scdisk
  ```

For The Service or Normal Boot List

- To display/alter/erase the boot list with the "diag" command:

1. Enter the "diag" command.
2. Press Enter again.
3. Choose "Service Aid".
4. Page down twice. Then choose "Display/Alter Bootlist".
5. Choose either "Normal mode bootlist" or "Service mode bootlist".
6. With either choice above, you will see these three options:

```
Display Current bootlist
Alter Current bootlist
Erase Current bootlist
```

Choose the appropriate option for what you want to do. If you get the message:

```
bootlist is not properly initialized
```

after choosing Display or Alter, then the boot list cannot be displayed or altered. You can recreate the boot list by choosing Erase and then Alter.

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