

Making a Tape to System Disk Image Copy on an Alpha

Following is a short summary of the steps to save the contents of an image backup tape to a hard drive. (For instructions on how to make an Image Backup Tape, see the HSQ document **Making a System Disk to Tape Image Copy (Bootable System Backup)**). In this example, the hard drive is strapped as DKA0 and the tape drive is MKA500. Our example system also has a CD-ROM at DKA400 (another common address would be DQB0).

1. Log in as SYSTEM, get a DECterm and do the commands:

```
TOOLS
STOP_MISER
SHUTDOWN
```

Press the RETURN button ten times and wait until the computer presents the console prompt (>>>).

2. Disconnect all Ethernet and serial cables from the computer, to prevent trouble when you boot your new disk for testing purposes later.

Type:

```
SHOW DEVICE
```

You should see all SCSI devices that are attached to the SCSI bus. The disk is DKA0, and the tape is MKA500.

3. Boot from the CD-ROM:

```
>>>boot dka400
```

4. The system will boot up (it will take several minutes), and you will be presented with a menu of options involved with installing VMS. Take the option to **Run DCL Commands and Procedures** (usually Option #7). After a few more seconds, you will get the prompt: \$\$\$
5. Initialize the disk drive with the command:

```
INIT DKA0 AXPUMSSYS
```

6. Mount the disk drive with the command:

```
MOUNT /FOREIGN DKA0:
```

7. Look at the label on the tape. It should be marked with two sets of information: a Volume Label and a Save Set name. In this example, the Volume Label will be 09-FEB and the Save Set name will be UNJB2001.BCK.
8. Now, do an image backup. Issue the command:

```
BACKUP / IMAGE MKA500:UNJB2001.BCK/LABEL=09-FEB DKA0:
```

(The **B** in our example save set name means that this is actually a tape backup of node UNJMVB.)

9. When you get the \$\$\$ prompt back, shut the system down with the command:

```
LOGOUT
```

10. When the >>> prompt appears, enter:

```
BOOT DKA0
```

and the system should boot from the disk you just made.

11. Shut the computer down, as in Step 1. The backup is now complete.