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AlphaServer 300 Release Notes

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Setting Up Partitions for a Windows NT Server Installation

If you are installing the Windows NT operating system on a disk that has not been partitioned and formatted, follow the procedure below. These instructions supercede the procedure documented in Appendix C of the *AlphaServer 300 User's Guide*.

1. If the ARC console is running, go to step 2. If the SRM console is running, type the following at the >>> prompt:

   ```
   >>>set os_type nt
   ```

   Cycle the system power. The system will restart with the ARC console running.

2. Insert the Microsoft Windows NT CD-ROM into the CD drive.
3. From the ARC console Boot menu, select `Run a Program`.
4. At the prompt, type:

   ```
   cd:\alpha\arcinst
   ```

   If you see receive a "Pathname is not defined" error, go to the ARC console Setup menu and select `Set the environment variables.` Select `CD–ROM`, then enter the SCSI bus number and ID of the CD-ROM drive. Next, select `Set the default configuration` and follow the steps. Save the changes and repeat step 4.

5. Choose

   ```
   Configure Partitions
   ```

6. Choose

   ```
   Create Partition.
   ```

   A list of available target devices displays.

   ```
   Scsi bus 0,Identifier 0,Disk 0 (scsi(0)disk(0)rdisk(0))
   ```

   Identifier is the ID of the SCSI device, drive 0 in this case. If partitions already exist on the target disk, select `Delete Partition` from the Configure Partitions menu. Follow the prompts and delete all the partitions on the disk.

7. Select the desired target device. The system partition should be 6 MB, so enter the desired partition size of your C: drive minus 6 MB.

   ```
   Enter size in MB (1-1001): 995
   ```

8. Press any key to continue. Enter `n` at the following prompt:

   ```
   Do you want to make this the system partition (y/n)? n
   Formatting scsi(0)disk(0)rdisk(0)partition(1)
   ```

9. Press any key to continue. Choose

   ```
   Create System Partition
   ```

   A list of available target devices displays.

10. Select the desired target device. A prompt for partition size displays.

11. Enter 6 MB as the desired partition size of your D: drive:

    ```
    Enter size in MB (1-6): 6
    ```

12. Press any key to continue. The following appears:

    ```
    Formatting scsi(0)disk(0)rdisk(0)partition(2)
    ```

13. Press any key to continue. The `Configure Partitions` menu redisplays.

14. Select Exit. The ARCINST menu displays.

15. Select Exit. The ARC Boot menu displays.

16. Choose `Supplementary Menu...`, then choose `Set up the system....`

Note

It any items on the Setup menu are highlighted in yellow, address those items before proceeding. For example, you might need to set the system time.

17. From the Setup menu choose `Edit environment variables`.
18. At the `Name:` prompt, enter the following:

    ```
    Name:  systempartition
    ```

    The following value is displayed:

    ```
    scsi(0)disk(0)rdisk(0)partition(1)
    ;scsi(0)disk(0)rdisk(0)partition(2)
    ```

19. Press Home to go to the beginning of the line. Using the Backspace key, delete the variable that ends with partition (1), including the semicolon:

    ```
    scsi(0)disk(0)rdisk(0)partition(1);
    ```

    You should now see only the following value:

    ```
    scsi(0)disk(0)rdisk(0)partition(2)
    ```

20. At the `Name:` prompt, press Esc to return to the Setup menu.
21. From the Setup menu, choose `Supplementary menu, and save changes...`
22. Verify that the system partition is set correctly as follows:

    Return to the Setup menu and choose `Edit Environment variables.`
    At the `Name:` prompt, type `systempartition.` The following should be displayed:

    ```
    scsi(0)disk(0)rdisk(0)partition(2)
    ```

    Press Esc to return to the Setup menu, then choose `Supplementary menu and do not save changes.`

    You are now ready to install Windows NT.