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March 16, 2016

UNIX/Linux Administration

Lab 08

RAM Based OS

Creating a RAID array and using a OS:

Step 1: boot the machine

Step 2: “press Alt + 3” to boot into the RAID bios.

Step 3: press the “Tab” key to get to the bottom options.

Step 4: select Create Unit

Step 5: name the array and select the button to finish.

Step 6: press the “F8” key to save the changes.

Step 7: insert the bootable USB of your distro of OS.

Step 8: restart the machine and press the “Delete” key to boot into the bios.

Step 9: go into the boot priority list and remove one device from the 8 listed devices.

Step 10: place and move the USB to the top of the bootable list.

Step 11: save the changes in the bios and restart.

Step 12: go through the installation process of your distro of OS or leave it as is as a RAM based OS.

Alpine Linux is more focused on security

Ubuntu snappy is more geared toward the internet of things.

CoreOS is favored by Amazon for use in their cloud servers. It also had Docker support.

TinyCore is an extremely small OS. It is meant to run headless with many devices ranging from scanners to RAMable servers.