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# LINUX OPERATING SYSTEM, MAP VERSION 27, & PRESSUREWEB 3.0 INSTALLATION

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## ***INTRODUCTION***

Linux is a secure and scalable standards-based, multi-user operating system that has proven to be a tremendously stable and versatile, particularly for network server applications. It is a rich and powerful platform on which to run both PressureMAP and its web-based utility, PressureWEB. As a variation of the UNIX operating system, Linux includes all of the UNIX standard tools and utilities, with unsurpassed portability and flexibility. As such, it provides numerous performance and support advantages over the SCO UNIX operating system, and is ideally suited for current and future PressureMAP applications.

While PressureMAP Version 27 supports both the CentOS 5.2 Linux and SCO UNIX operating systems, the instruction in this section of the *MAP System Installation Manual* pertain specifically to the CentOS Linux system. All previous sections addressed installation requirements for SCO UNIX.

Unlike the installation media provided for the SCO UNIX operating system, which were supplied on multiple CDs, the media for CentOS 5.2, PressureMAP Version 27.00 and PressureWEB 3.0 are contained on one CD.

**Note:** The CentOS Linux operating system and PressureMAP/PressureWEB applications can be installed on either a MAP Engine VIII computer or a comparably equipped computer of your choosing. Please refer to Section 3 of the *MAP System Administration Manual* for PressureMAP computer hardware requirements.

## ***CENTOS 5.2 LINUX INSTALLATION***

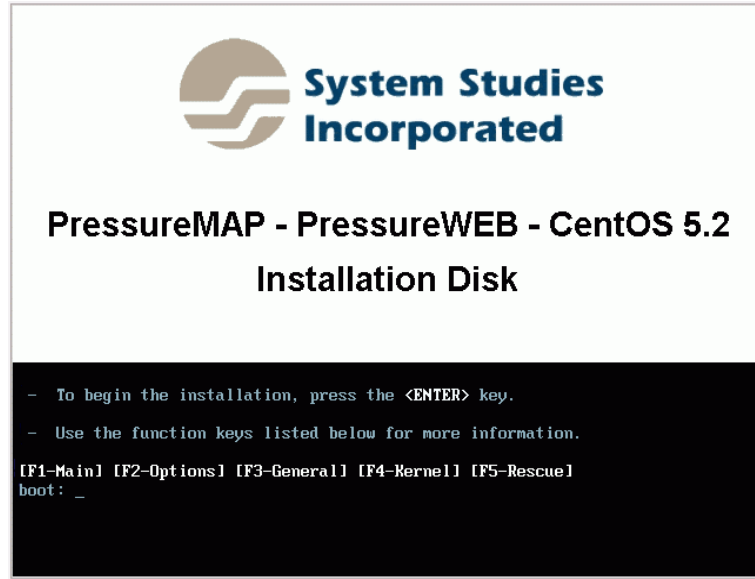
The steps below describe how to install the CentOS 5.2 Linux Operating System on a MAP Engine VIII or compatible computer. Please note that, for most part, this installation process is preformed automatically with very little input required from the user. The entire installation process takes less than 20 minutes to complete.

To provide reference for tracking the progress of the installation process, many of the CentOS installation screens are included in the procedure below.

### **Procedure:**

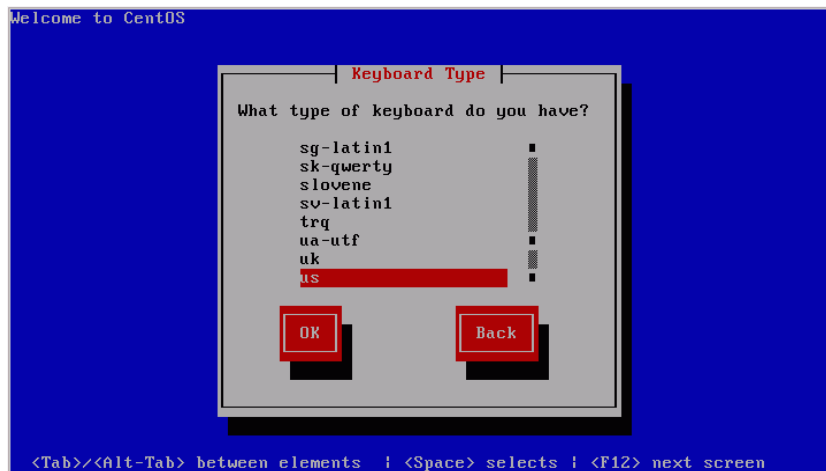
- 1) Insert the Linux CentOS Installation CD in the CD/DVD drive and reboot the system. With the CD in place, you can press the reset button on the front of the MAP Engine.

At this point the CentOS 5.2 welcome screen shown below displays.



SCREEN 7-1: CentOS Welcome

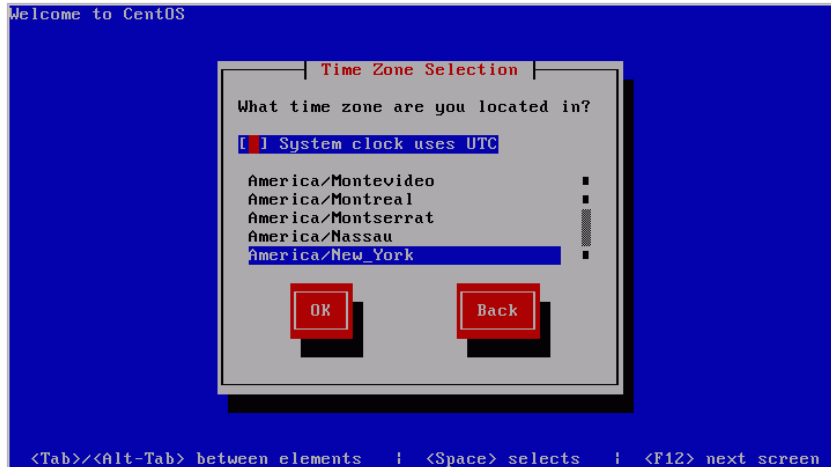
- 2) As instructed, press <Enter> to begin the installation. Screen 7-2 displays.



SCREEN 7-2: CentOS Keyboard Selection

- 3) You will notice that *us* is already highlighted. If you are installing your system in the United States, simply tab down to highlight the **OK** button and press <Enter>. Otherwise, use the scroll bar to select a keyboard designation that is more suitable for your application. Then highlight **OK** and press <Enter>.

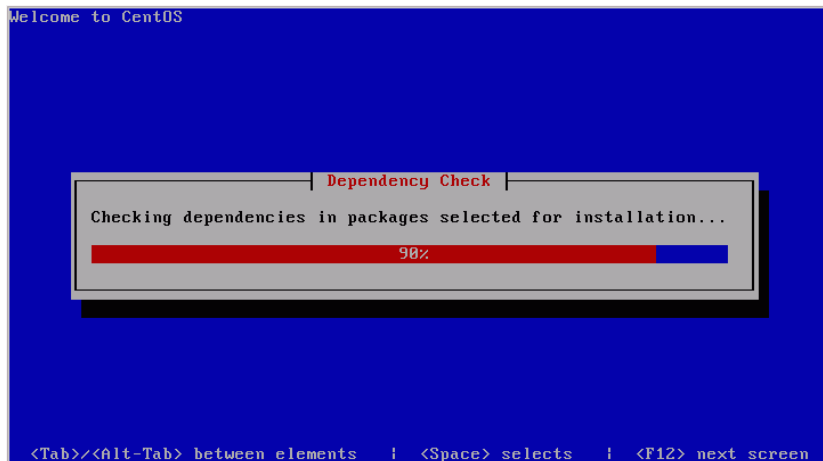
Next the Time Zone Selection Screen displays, as shown below:



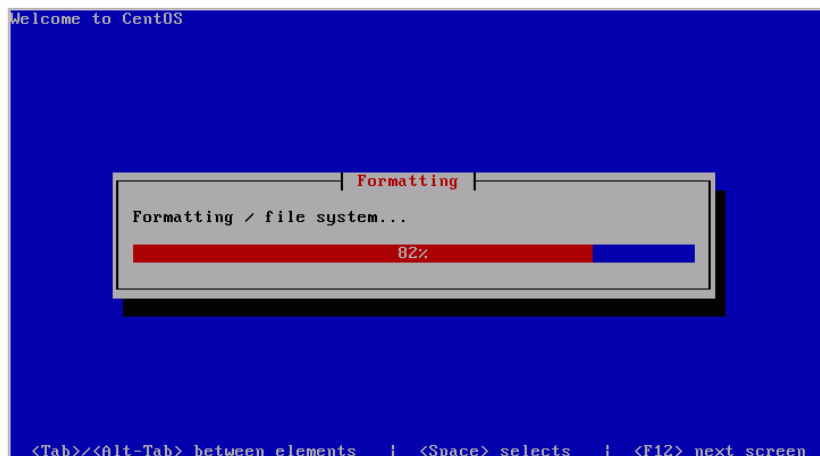
SCREEN 7-3: CentOS Time Zone Selection

- 4) Use the scroll bar on the screen to select the area which best represents your time zone. Tab down to **OK** and press **<Enter>**.

At this point the installation proceeds without requiring user input. The following screens are displayed in succession.



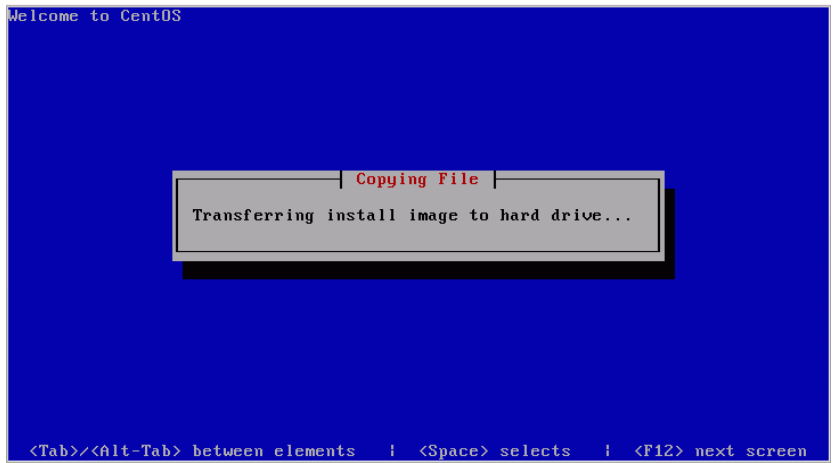
SCREEN 7-4: CentOS Dependency Check



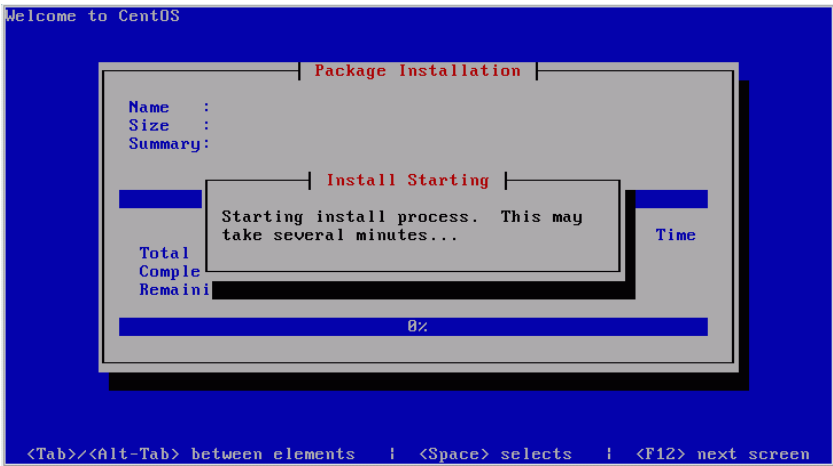
SCREEN 7-5: CentOS File System Formatting

# INSTALLATION

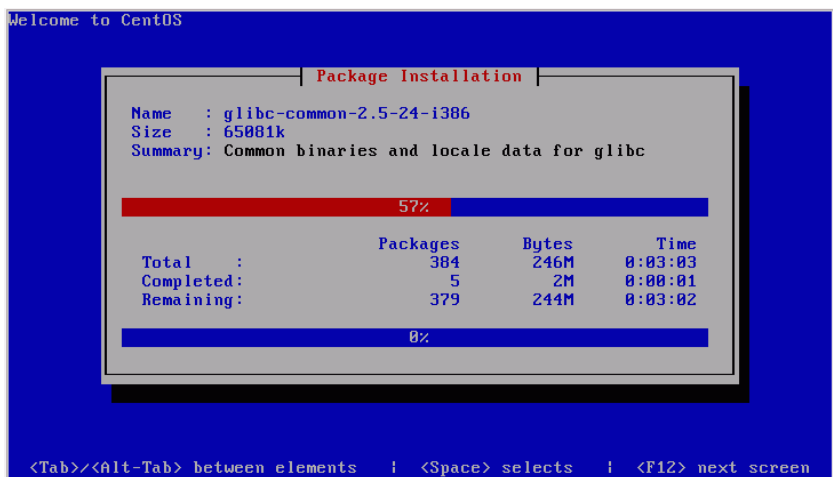
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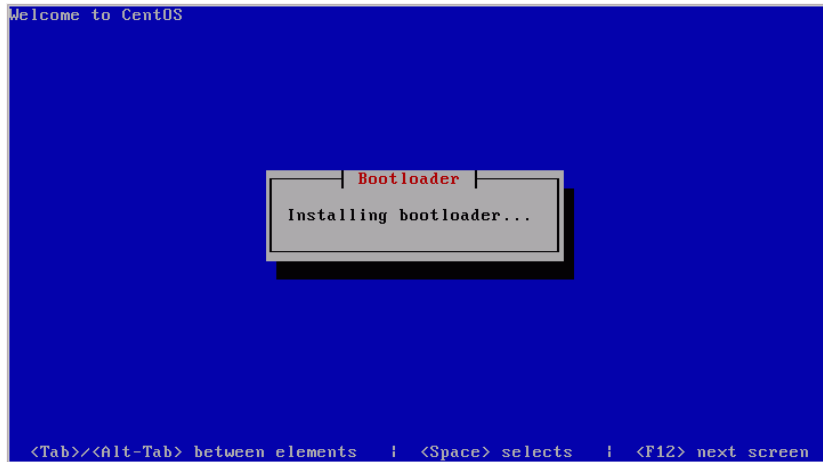
SCREEN 7-6: CentOS Transfer Image



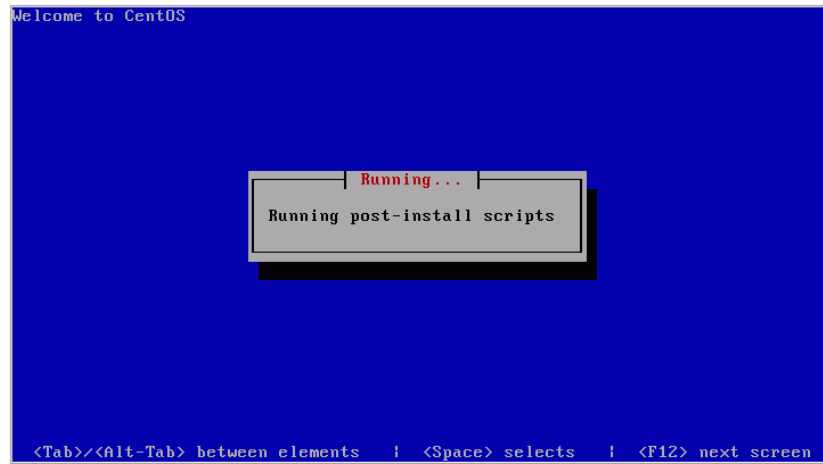
SCREEN 7-7: CentOS Beginning Installation



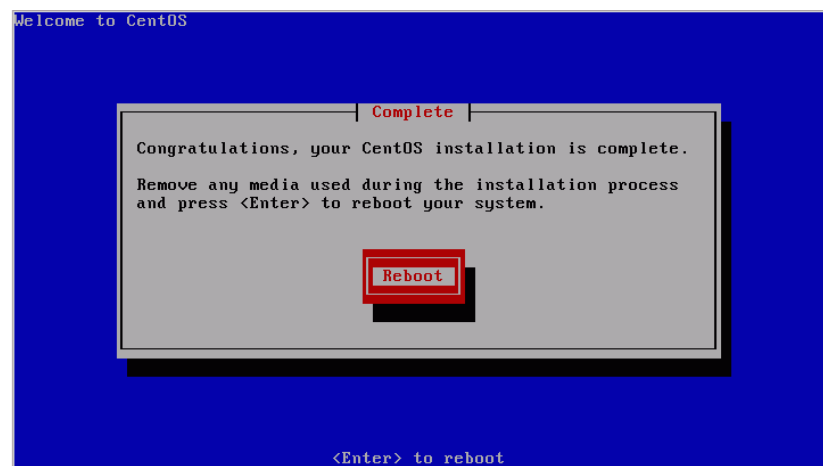
SCREEN 7-8: CentOS Package Installation



**SCREEN 7-9: CentOS Bootloader**



**SCREEN 7-10: CentOS Post-install Scripts**



**SCREEN 7-11: CentOS Reboot Notice**

# INSTALLATION

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## PressureMAP Version 27 and PressureWEB 3.0 Installation

The steps that follow pertain to installing the latest versions of PressureMAP and PressureWEB. Both of these applications are included on the Linux CentOS 5.2 Installation CD.

### Procedure:

- 5) At the Reboot prompt (SCREEN 7-11), remove the Linux CentOS Installation CD from the CD/DVD drive and press **<Enter>**. You will not need to reboot the system or respond to any prompts until the PressureWEB install is underway.

Several lines of PressureMAP installation data will scroll by on the screen, and eventually the following prompt will display:

```
*** PressureMAP 27.00 Installation complete ***
```

Almost immediately the PressureWEB installation begins and, after a few seconds, the following menu displays:

```
Please select your company's icon from the list below:
```

- |                 |                     |
|-----------------|---------------------|
| 1. Alaska       | 2. Aliant           |
| 3. AT&T         | 4. Bartel           |
| 5. Bell Canada  | 6. CanTV            |
| 7. Codetel      | 8. RairPoint        |
| 9. Frontier     | 10. Hawaiian Telcom |
| 11. PRT         | 12. Qwest           |
| 13. SureWest    | 14. System Studies  |
| 15. Telia       | 16. Verizon         |
| 17. Windstream  | 18. Canby Telcom    |
| 19. CenturyLink | 20. Telmex          |

```
Your selection:
```

- 6) Press the option number opposite your company's name and hit **<Enter>**. A prompt asks you to confirm your icon selection.

```
You selected [one of the menu #s]. Are you sure (y or n)
```

Change the selection, if desired, by pressing *n* and **<Enter>**. To accept your selection, press *y* and **<Enter>**.

Next, the software prompts you for a default language selection. Currently, two options are available.

```
Please select a default language for your PressureWEB installation:
```

1. English
2. Espanol
  
- x. Exit install

- 7) Enter the number of your desired default language followed by **<Enter>**. Confirm or change your selected at the confirmation prompt.

At this point the installation process continues and more data is displayed on the screen. At the completion of the process, the following prompt displays:

**\*\*\* PressureWEB 3.02.D03 Installation complete \*\*\***

Now the local host login appears, and you can log onto the system and perform the required setup. If this is an entirely new PressureMAP system, you will need to perform the required data entry as described in the *MAP System Data Entry Manual* and set up user accounts, define printers, and configure the network (if applicable). These procedures are described in the *MAP System Administration Manual*.

If you are migrating data from an SCO UNIX PressureMAP Version 26 or Version 27 system and have a Linux Migration Tape or CD available, you can load your existing PressureMAP office and device information by using the "Restore MAP System Files" option on the System Administration Menu. (Refer to Section 4 of the *MAP System Administration Manual* for the appropriate Linux migration instructions.) Please note, however, that it will be necessary to contact System Studies' Technical Support Department to obtain a password prior to restoring office and device information from your migration tape or CD.

# **INSTALLATION**

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