DISCLAIMER : This document is nothing more than the musings of the author as he attempts t

In this documentation, screen outputs will be presented in green. Where keyboard inputs is required, the prompt will be as

ls -al

means you should type ls -al at the super user prompt.

This document shows how to install a Solaris 10 U11 1/13 image with ZFS from CDrom. In our example, we are installing onto a T5220 with multiple hard drives.

Boot and install from CD

Insert CD / DVD and boot system.

If it boots to an operating system, type # init 0

We want an {OK} prompt so if you get that when booting, your good. The # init 0 should put you at an ok prompt as well.

The next command is somewhat obvious. We wish to boot from cdrom and install the operating system. We want to do it with 'nowin' meaning a text install. This is important because we want to install the Zetabtyte File System (zfs) which is not an option with the graphical installer.

{OK} boot cdrom - install nowin

After some boot info, it will finally ask you for a language

Select a Language

0. English
1. Brazilian Portuguese
2. French
3. German
4. Italian

5. Japanese
6. Korean
7. Simplified Chinese
8. Spanish
9. Swedish
10. Traditional Chinese

Please make a choice (0 - 10), or press h or ? for help:
enter 0

What type of terminal are you using?
1) ANSI Standard CRT
2) DEC VT52
3) DEC VT100
4) Heathkit 19
5) Lear Siegler ADM31
6) PC Console
7) Sun Command Tool
8) Sun Workstation
9) Televideo 910
10) Televideo 925
11) Wyse Model 50
12) X Terminal Emulator (xterms)
13) CDE Terminal Emulator (dtterm)
14) Other
Type the number of your choice and press Return:

i've found the option 3 is the best, but you may not agree.

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It will then notify you about navigation issues and prompt you for an F2 to continue. Hit F2

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It the tells you a little about the next section which is identifying the system and prompts you for an F2

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Networked
[X] Yes
[ ] No
hit F2 assuming you are networking the system

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 Configure Multiple Network Interfaces

 Multiple network interfaces have been detected on this system. Specify all
 of the network interfaces you want to configure.

 Note: You must choose at least one interface to configure.

 Network interfaces

 [X] e1000g0
 [ ] e1000g1
 [ ] e1000g2
 [ ] e1000g3

 F2_Continue F6_Help
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I have multiple Network interfaces, so it is asking me which I want to be the primary. I chose the e1000g0 interface and hit F2

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 DHCP for e1000g0

 Specify whether or not this network interface should use DHCP to configure
 itself. Choose Yes if DHCP is to be used, or No if the network interface is
 to be configured manually.

 NOTE: DHCP support will not be enabled, if selected, until after the system
 reboots.

 Use DHCP for e1000g0

 [ ] Yes
 [X] No

 F2_Continue F6_Help
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We don't want dhcp on this interface (we will assign it an ip address manually)
hit F2

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 Host Name for e1000g0
□□□

Confirmation

 Confirm Information for e1000g0 □□□□

[X] None
□□□

- [ ] Africa
 [ ] Americas
 [ ] Antarctica
 [ ] Arctic Ocean
 [ ] Asia
 [ ] Atlantic Ocean
 [ ] Australia
 [ ] Europe
v [ ] Indian Ocean

F2_Continue F6_Help
cursor down to

[ ] other - offset from GMT
and select it

 Offset From GMT

Specify the number of hours of difference between Greenwich Mean Time (also called Coordinated Universal Time) and your time zone. If you are west of Greenwich, England, enter a positive number 12 through 1; if you are east of Greenwich, England enter a negative number -1 through -13.

F2_Continue F5_Cancel F6_Help
enter 0

which provides us GMT , hit F2

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You are asked to confirm time and date, don't worry about it... we will set the NTP server up later. Hit F2
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Confirm date / time with F2

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 Provide Oracle Configuration Manager Registration Information

To improve products and services, Oracle Solaris communicates configuration

data to Oracle after rebooting.

You can register your version of Oracle Solaris to capture this data for your use, or the data is sent anonymously.

For information about what configuration data is communicated and how to control this facility, see the Release Notes or www.oracle.com/goto/solarisautoreg

> Use the arrow keys to select the option and press Return to mark it [X].

[ ] I would like to register using My Oracle Support information.

F2_Continue F6_Help

You can't register, and even if you say you don't want to, it ignores it. Uncheck the box and hit F2 twice.

System Identification is Complete!

You will now get some errors about not finding matching rules in the rules.ok file. This is normal.

Press the return key for an interactive Solaris install program... hit enter

Solaris Interactive Installation

On the following screens, you can accept the defaults or you can customize how Solaris software will be installed by:

- Selecting the type of Solaris software to install
- Selecting disks to hold software you've selected
- Selecting unbundled products to be installed with Solaris
- Specifying how file systems are laid out on the disks

After completing these tasks, a summary of your selections (called a profile) will be displayed.

There are two ways to install your Solaris software:

- "Standard" installs your system from a standard Solaris Distribution. Selecting "Standard" allows you to choose between initial install and upgrade, if your system is upgradable.

- "Flash" installs your system from one or more Flash Archives.

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install over it. Hit F2

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Hit F2 to accept license (or not)

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 Select Geographic Regions
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[ ] U.S.A. (UTF-8) (en_US.UTF-8)
[ ] U.S.A. (en_US.ISO8859-15) (en_US.ISO8859-15)
[ ] U.S.A. (en_US.ISO8859-1) (en_US.ISO8859-1)

F2_Continue F3_Go Back F5_Exit F6_Help
Select **POSIX C** *(very important for graphical users!)*
Hit F2

Additional Products

To scan for additional products, select the location you wish to scan.
Products found at the selected location that are in a Web Start Ready
install form will be added to the Products list.

Web Start Ready product scan location:

[X] None
[ ] CD/DVD
[ ] Network File System

F2_Continue F3_Go Back F5_Exit

we have no additional products, hit F2

Choose Filesystem Type

Select the filesystem to use for your Solaris installation

[ ] UFS
[X] ZFS

F2_Continue F3_Go Back F5_Exit F6_Help
We WANT **ZFS.** Make Sure you you selected it and hit F2.

Select Software

Select the Solaris software to install on the system.

NOTE: After selecting a software group, you can add or remove software by customizing it. However, this requires understanding of software dependencies and how Solaris software is packaged.

[ ] Entire Distribution plus OEM support ..... 10779.00 MB
[X] Entire Distribution ..... 10738.00 MB
[ ] Developer System Support ..... 10507.00 MB
[ ] End User System Support ..... 9399.00 MB
[ ] Core System Support ..... 5150.00 MB
[ ] Reduced Networking Core System Support ..... 5094.00 MB
□□□

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F2_Continue F3_Go Back F5_Exit F6_Help
Thre is an important choice to make here! Do you wish /VAR to be on a separate dataset ? I've had problems with flasharchive installs when making them separate. I personally don't see the advantage in keeping them separate if you are an active sysadmin. The choice is yours! I'm keeping them combined in this example.

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We are not mounting a remote file system, so hitting F2 is ok.

□ Profile
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