

Download

Latest Stable Version (Community Edition)

This is the most recent stable release, and the recommended version for all installations. For upgrade information, see the Upgrade Guide. For preconfigured systems, see the pfSense appliances on Netgate.

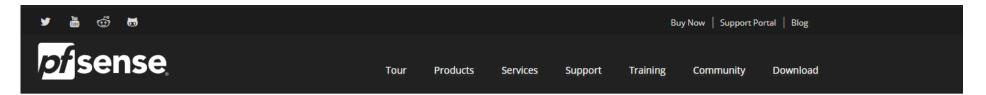




PoliForma pfSense Router 1 (PFRT1)

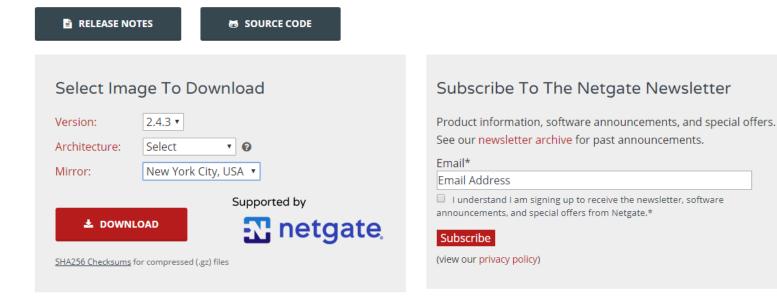
HW Hilgersom

DOWNLOAD PFSENSE



Latest Stable Version (Community Edition)

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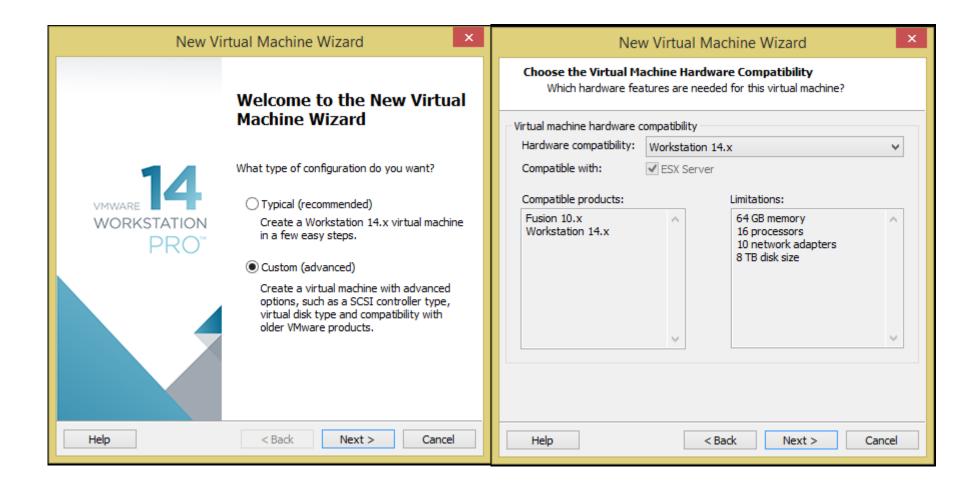


AMD64.ISO

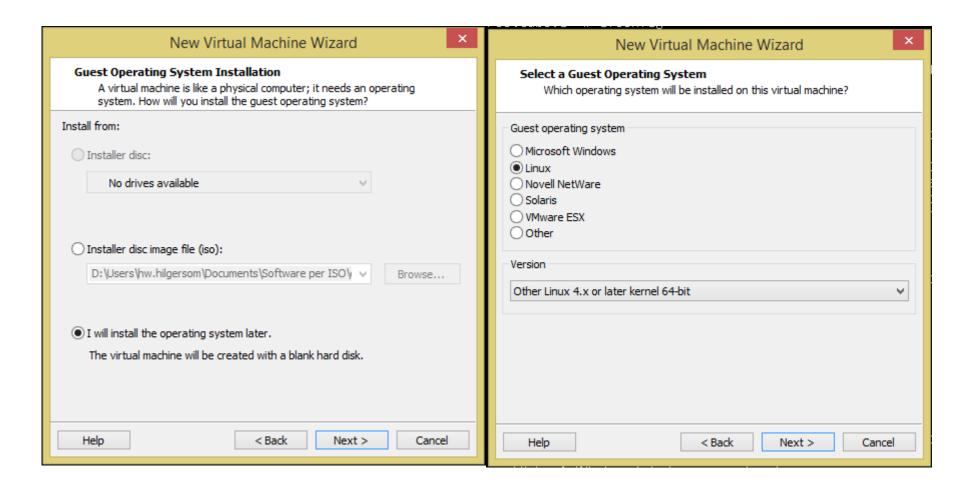
Index of /mirror/downloads/

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pfSense-CE-2.3.5-RELEASE-2g-amd64-nanobsd-vga.i>			129
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pfSense-CE-2.3.5-RELEASE-2g-amd64-nanobsd.img.g>			125
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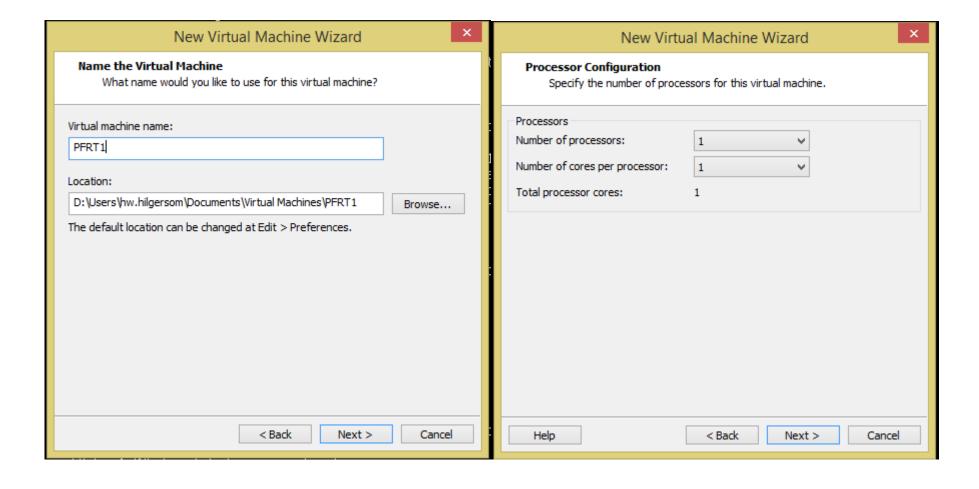
NEW VIRTUAL MACHINE

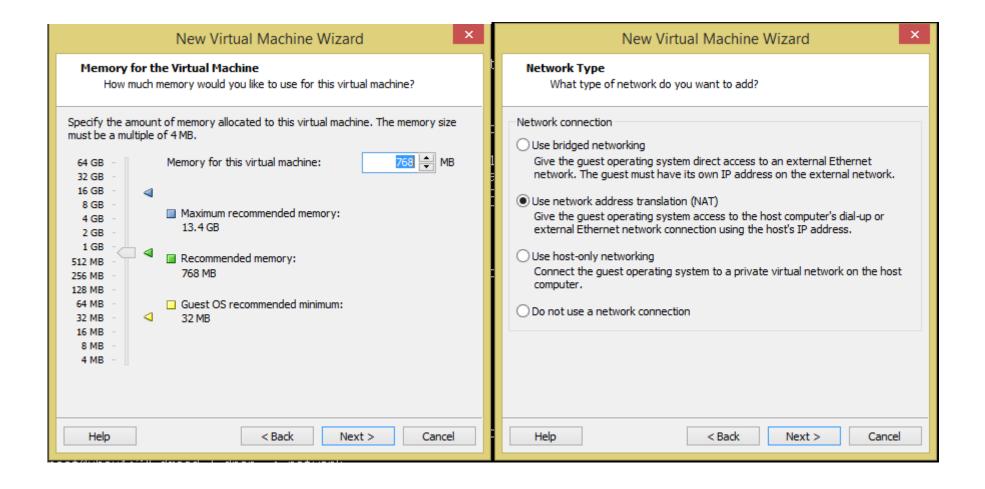


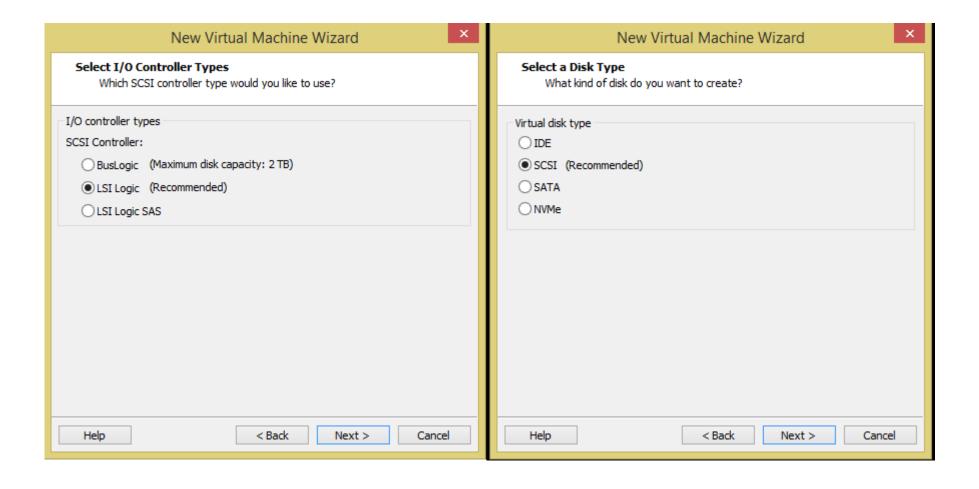
LINUX, OTHER ...

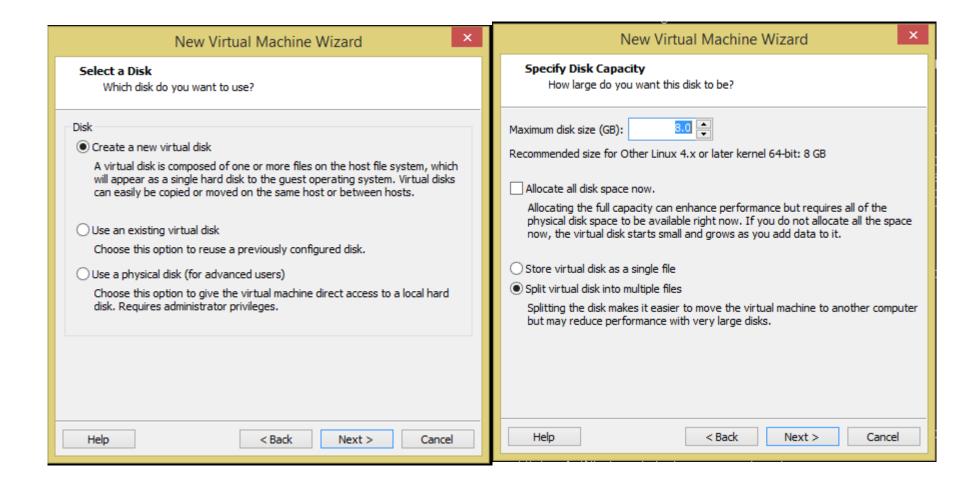


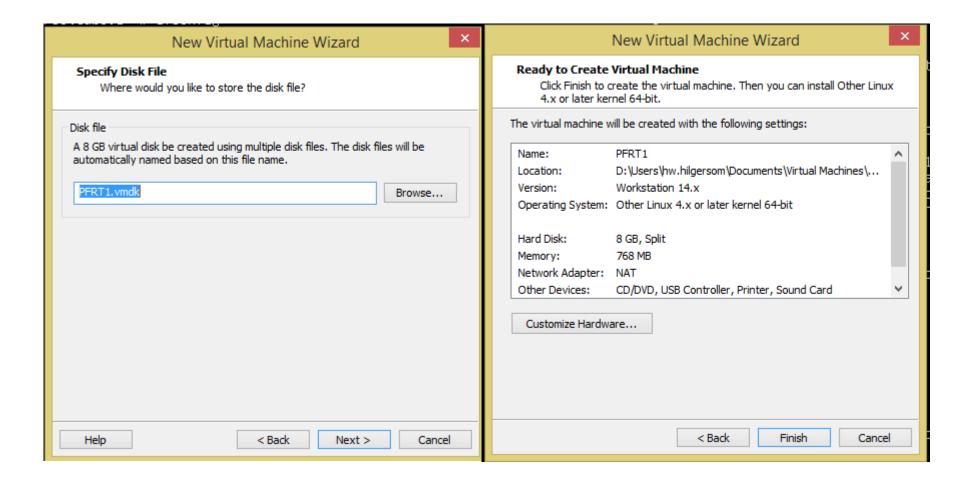
PFRT1 (PoliForma RouTer 1)



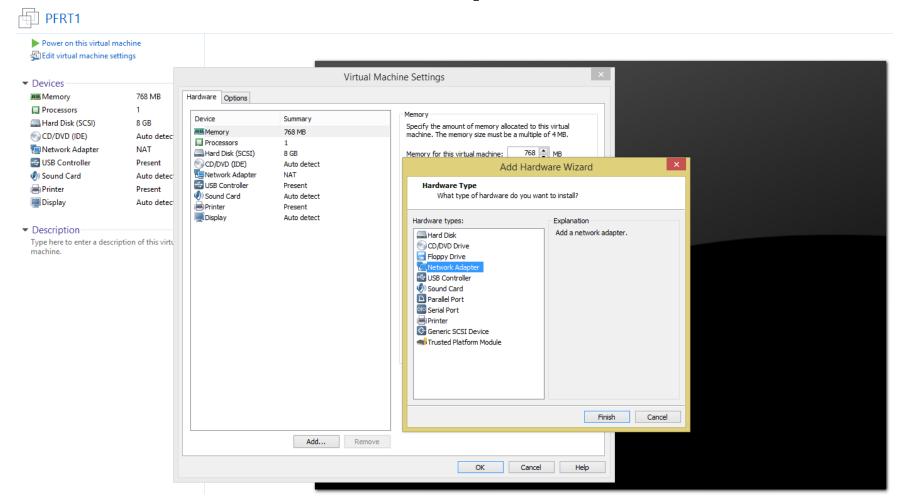




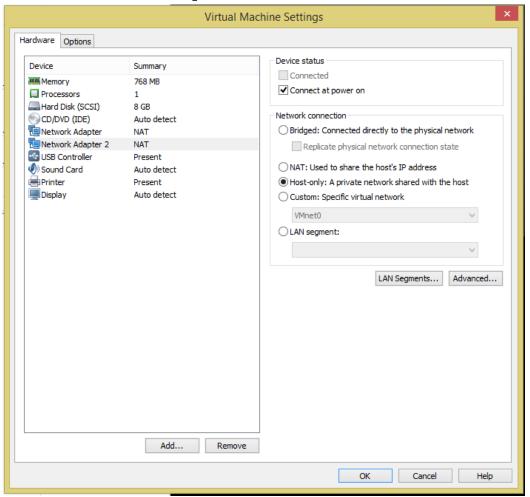




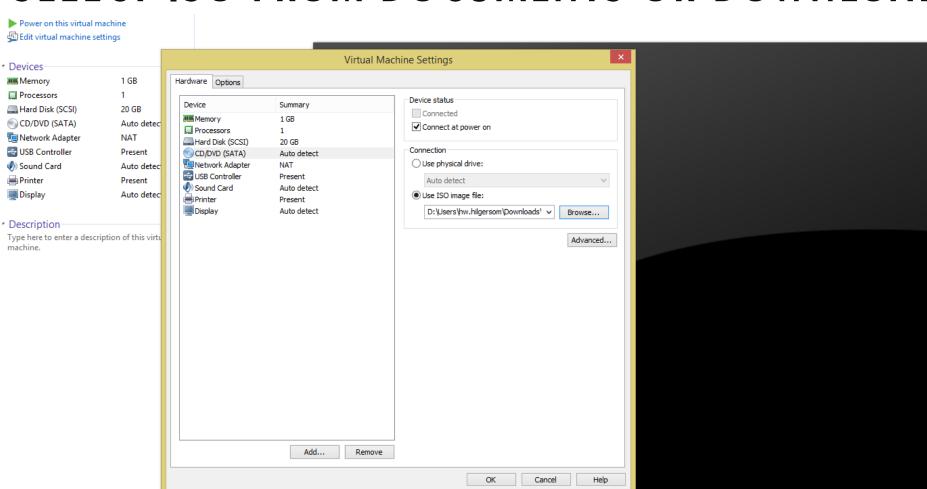
Add ... Network Adapter

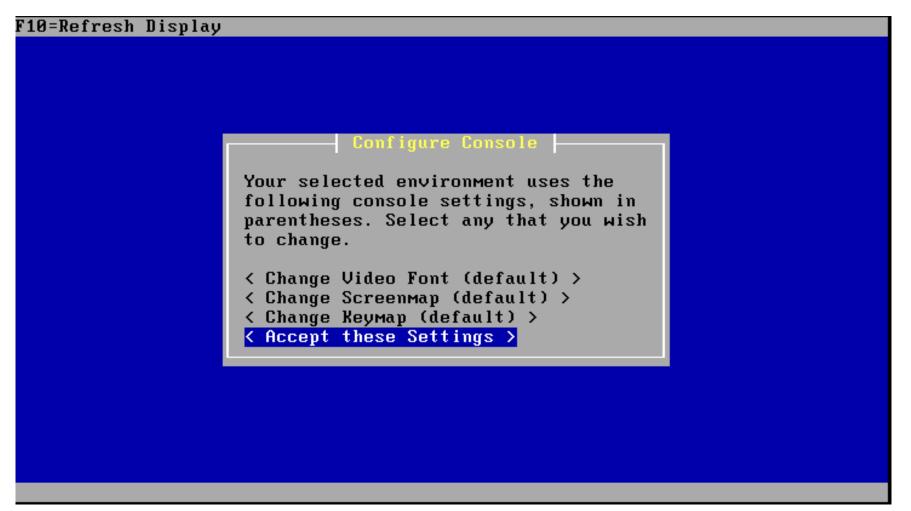


Host-only

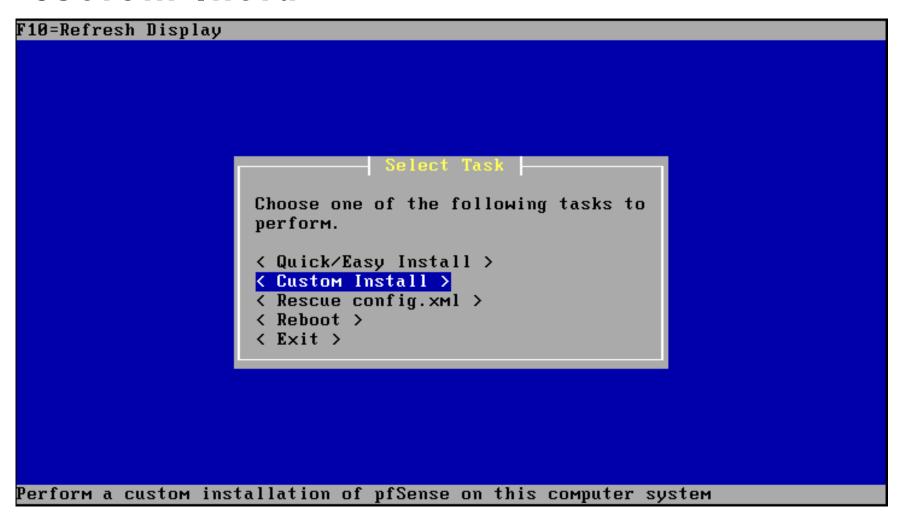


SELECT ISO FROM DOCUMENTS OR DOWNLOADS

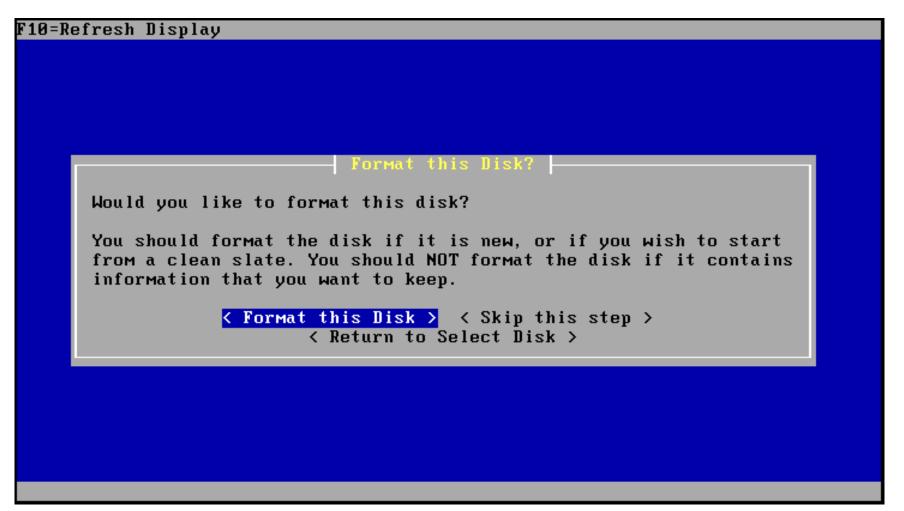




Custom Install



```
F10=Refresh Display
   Select a disk on which to install pfSense.
   < da0: <UMware, UMware Virtual S 1.0> Fixed Direct Access SCSI-2 device >
   < Return to Select Task >
```



F10=Refresh Display

```
The system reports that the geometry of da0 is
1044 cylinders, 255 heads, 63 sectors
This geometry should enable you to boot from this
disk. Unless you have a pressing reason to do
otherwise, it is recommended that you use it.
If you don't understand what any of this means,
just select 'Use this Geometry' to continue.
Cylinders [1044
Heads
           [255
           163
Sectors

    ⟨ Use this Geometry > ⟨ Return to Select Disk >
```

F10=Refresh Display



F10=Refresh Display

Partition Disk?

You may now partition this disk if you desire.

If you formatted this disk, and would now like to install multiple operating systems on it, you can reserve a part of the disk for each of them here. Create multiple partitions, one for each operating system.

If this disk already has operating systems on it that you wish to keep, you should be careful not to change the partitions that they are on, if you choose to partition.

Partition this disk?

Accept and Create

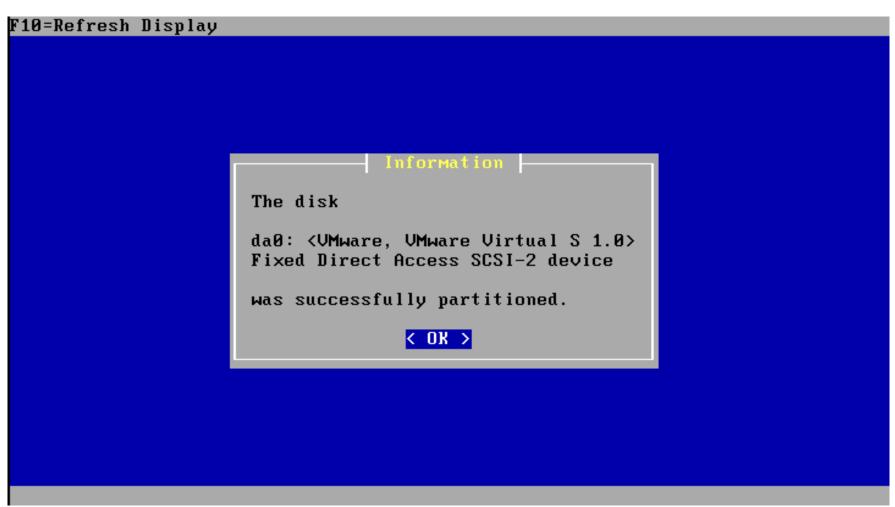
```
F10=Refresh Display
                               Edit Partitions
 Select the partitions (also known as 'slices' in BSD tradition) you want to
 have on this disk.
 For Size, enter a raw size in sectors (1 gigabyte = 2097152 sectors) or a
 single '*' to indicate 'use the remaining space on the disk'.
 Size (in Sectors) Partition Type Active?
                   ll [FreeBSD
 [16771797
                                              < Ins > < Del >
                                   ] [X]
                                              < Add >

    Accept and Create > < Return to Format Disk >

                       Kevert to Partitions on Disk >
```

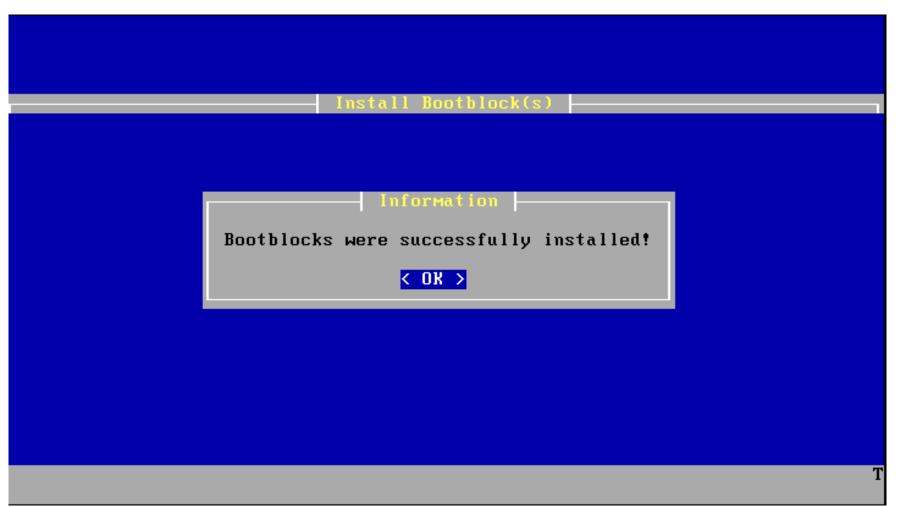
```
F10=Refresh Display
                            - Partition Anyway?
      No changes appear to have been made to the partition table layout.
      Do you want to execute the commands to partition the disk anyway?
               Yes, partition da0 > < No, Skip to Next Step >
                      < No, Return to Edit Partitions >
```

OK



Accept and Install Bootblocks

OK

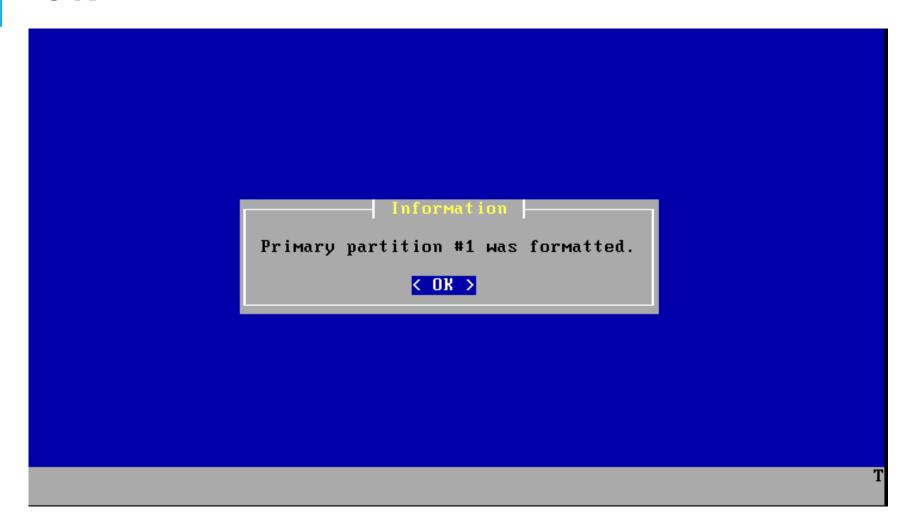




0K

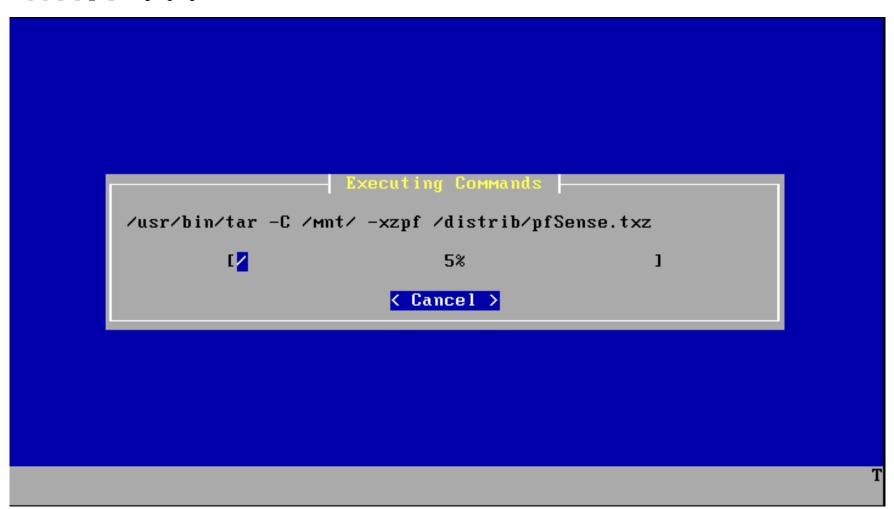
```
Are you SURE?
WARNING! ALL data in primary partition
#1,
1: 7.99G (63-16771860) id=165
on the disk
da0: <UMware, UMware Virtual S 1.0>
Fixed Direct Access SCSI-2 device
will be IRREVOCABLY ERASED!
Are you ABSOLUTELY SURE you wish to
take this action? This is your LAST
CHANCE to cancel!
                  < Cancel >
```

OK



Accept and Create

WAIT ...



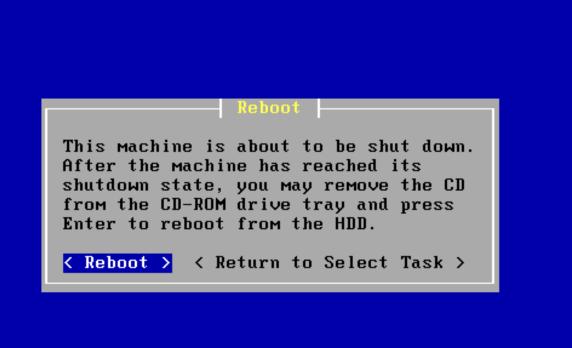
Standard Kernel

```
You may now wish to install a custom Kernel configuration.

    Standard Kernel >

       < Embedded kernel (no VGA console, keyboard >
```

Reboot



pfSense is now rebooting.

```
pfSense is now rebooting
After the reboot is complete, open a web browser and
enter https://192.168.1.1 (or the LAN IP Address) in the
location bar.
You might need to acknowledge the HTTPS certificate if
your browser reports it as untrusted. This is normal
as a self-signed certificate is used by default.
*DEFAULT Username*: admin
*DEFAULT Password*: pfsense
Rebooting in 5 seconds. CTRL-C to abort.
Rebooting in 4 seconds. CTRL-C to abort.
Rebooting in 3 seconds. CTRL-C to abort.
Rebooting in 2 seconds. CTRL-C to abort.
Rebooting in 1 second.. CTRL-C to abort.
pfSense is now rebooting.
```

Welcome to pfSense ...

```
tall -f pkg" recommended
pfSense (pfSense) 2.3.5-RELEASE amd64 Mon Oct 30 11:08:06 CDT 2017
Bootup complete
FreeBSD/amd64 (pfSense.localdomain) (ttyv0)
pfSense - Netgate Device ID: 01592ba7fe4b82ac4cba
*** Welcome to pfSense 2.3.5-RELEASE (amd64 full-install) on pfSense ***
WAN (wan)
                -> em0 -> ∨4/DHCP4: 192.168.20.170/24
LAN (lan)
                -> ем1
                             -> v4: 192.168.1.1/24
0) Logout (SSH only)
                                      9) pfTop
1) Assign Interfaces
                                     10) Filter Logs
2) Set interface(s) IP address
                                     11) Restart webConfigurator
3) Reset webConfigurator password
                                     12) PHP shell + pfSense tools
4) Reset to factory defaults
                                     13) Update from console
                                     14) Enable Secure Shell (sshd)
5) Reboot system
6) Halt system
                                     15) Restore recent configuration
7) Ping host
                                     16) Restart PHP-FPM
8) Shell
Enter an option:
```

Enter an option: 2

```
tall -f pkg" recommended
pfSense (pfSense) 2.3.5-RELEASE amd64 Mon Oct 30 11:08:06 CDT 2017
Bootup complete
FreeBSD/amd64 (pfSense.localdomain) (ttyv0)
pfSense - Netgate Device ID: 01592ba7fe4b82ac4cba
*** Welcome to pfSense 2.3.5-RELEASE (amd64 full-install) on pfSense ***
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                -> em0 -> v4/DHCP4: 192.168.20.170/24
 LAN (lan)
                -> ем1
                             -> v4: 192.168.1.1/24
 0) Logout (SSH only)
                                     9) pfTop
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6) Halt system
                                    15) Restore recent configuration
7) Ping host
                                     16) Restart PHP-FPM
 8) Shell
Enter an option: 2
```

Enter an option: 2

```
*** Welcome to pfSense 2.3.5-RELEASE (amd64 full-install) on pfSense ***
WAN (wan)
                          -> v4/DHCP4: 192.168.20.170/24
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                                    13) Update from console
5) Reboot system
                                    14) Enable Secure Shell (sshd)
6) Halt system
                                    15) Restore recent configuration
7) Ping host
                                    16) Restart PHP-FPM
8) Shell
Enter an option: 2
Available interfaces:
1 - WAN (ем0 - dhcp, dhcp6)
2 - LAN (em1 - static)
Enter the number of the interface you wish to configure: 2
```

Enter: 192.168.101.254

```
WAN (wan)
                -> ем0
                        -> v4/DHCP4: 192.168.20.170/24
LAN (lan)
                -> ем1
                              -> v4: 192.168.1.1/24
 0) Logout (SSH only)
                                      9) pfTop
                                     10) Filter Logs
 1) Assign Interfaces
2) Set interface(s) IP address
                                     11) Restart webConfigurator
3) Reset webConfigurator password
                                     12) PHP shell + pfSense tools
4) Reset to factory defaults
                                     13) Update from console
5) Reboot system
                                     14) Enable Secure Shell (sshd)
6) Halt system
                                     15) Restore recent configuration
7) Ping host
                                     16) Restart PHP-FPM
8) Shell
Enter an option: 2
Available interfaces:
1 - WAN (em0 - dhcp, dhcp6)
2 - LAN (em1 - static)
Enter the number of the interface you wish to configure: 2
Enter the new LAN IPv4 address. Press <ENTER> for none:
> 192.168.101.254
```

Enter: 24

```
5) Reboot system
                                      14) Enable Secure Shell (sshd)
 6) Halt system
                                     15) Restore recent configuration
                                      16) Restart PHP-FPM
 7) Ping host
 8) Shell
Enter an option: 2
Available interfaces:
1 - WAN (em0 - dhcp, dhcp6)
2 - LAN (em1 - static)
Enter the number of the interface you wish to configure: 2
Enter the new LAN IPv4 address. Press (ENTER) for none:
> 192.168.101.254
Subnet masks are entered as bit counts (as in CIDR notation) in pfSense.
e.g. 255.255.255.0 = 24
     255.255.0.0 = 16
     255.0.0.0
                   = 8
Enter the new LAN IPv4 subnet bit count (1 to 31):
> 24
```

ENTER

```
Enter an option: 2
Available interfaces:
1 - WAN (ем0 - dhcp, dhcp6)
2 - LAN (em1 - static)
Enter the number of the interface you wish to configure: 2
Enter the new LAN IPv4 address. Press (ENTER) for none:
> 192.168.101.254
Subnet masks are entered as bit counts (as in CIDR notation) in pfSense.
e.g. 255.255.255.0 = 24
     255.255.0.0
                 = 16
     255.0.0.0
                   = 8
Enter the new LAN IPv4 subnet bit count (1 to 31):
> 24
For a WAN, enter the new LAN IPv4 upstream gateway address.
For a LAN, press (ENTER) for none:
>
```

ENTER

```
Available interfaces:
1 - WAN (ем0 - dhcp, dhcp6)
2 - LAN (em1 - static)
Enter the number of the interface you wish to configure: 2
Enter the new LAN IPv4 address. Press <ENTER> for none:
> 192.168.101.254
Subnet masks are entered as bit counts (as in CIDR notation) in pfSense.
e.g. 255.255.255.0 = 24
     255.255.0.0 = 16
     255.0.0.0
                   = 8
Enter the new LAN IPv4 subnet bit count (1 to 31):
> 24
For a WAN, enter the new LAN IPv4 upstream gateway address.
For a LAN, press <ENTER> for none:
Enter the new LAN IPv6 address. Press <ENTER> for none:
>
```

Enter: n

```
1 - WAN (ем0 - dhcp, dhcp6)
2 - LAN (em1 - static)
Enter the number of the interface you wish to configure: 2
Enter the new LAN IPv4 address. Press <ENTER> for none:
> 192.168.101.254
Subnet masks are entered as bit counts (as in CIDR notation) in pfSense.
e.g. 255.255.255.0 = 24
     255.255.0.0
                   = 16
     255.0.0.0
                   = 8
Enter the new LAN IPv4 subnet bit count (1 to 31):
> 24
For a WAN, enter the new LAN IPv4 upstream gateway address.
For a LAN, press <ENTER> for none:
Enter the new LAN IPv6 address. Press <ENTER> for none:
Do you want to enable the DHCP server on LAN? (y/n) n
```

Enter: y

```
2 - LAN (em1 - static)
Enter the number of the interface you wish to configure: 2
Enter the new LAN IPv4 address. Press (ENTER) for none:
> 192.168.101.254
Subnet masks are entered as bit counts (as in CIDR notation) in pfSense.
e.q. 255.255.255.0 = 24
     255.255.0.0
                   = 16
     255.0.0.0
                   = 8
Enter the new LAN IPv4 subnet bit count (1 to 31):
> 24
For a WAN, enter the new LAN IPv4 upstream gateway address.
For a LAN, press <ENTER> for none:
Enter the new LAN IPv6 address. Press <ENTER> for none:
Do you want to enable the DHCP server on LAN? (y/n) n
Disabling IPv4 DHCPD...Disabling IPv6 DHCPD...
Do you want to revert to HTTP as the webConfigurator protocol? (y/n) y
```

ENTER

```
> 24
For a WAN, enter the new LAN IPv4 upstream gateway address.
For a LAN, press <ENTER> for none:
Enter the new LAN IPv6 address. Press <ENTER> for none:
Do you want to enable the DHCP server on LAN? (y/n) n
Disabling IPv4 DHCPD...Disabling IPv6 DHCPD...
Do you want to revert to HTTP as the webConfigurator protocol? (y/n) y
Please wait while the changes are saved to LAN...
 Reloading filter...
 Reloading routing configuration...
 DHCPD...
 Restarting webConfigurator...
The IPv4 LAN address has been set to 192.168.101.254/24
You can now access the webConfigurator by opening the following URL in your web
browser:
                http://192.168.101.254/
Press <ENTER> to continue.
```

*** Welcome to pfSense 2.3.5-RELEASE ***

```
The IPv4 LAN address has been set to 192.168.101.254/24
You can now access the webConfigurator by opening the following URL in your web
browser:
                http://192.168.101.254/
Press (ENTER) to continue.
pfSense - Netgate Device ID: 01592ba7fe4b82ac4cba
*** Welcome to pfSense 2.3.5-RELEASE (amd64 full-install) on pfSense ***
WAN (wan)
                -> ем0
                              -> v4/DHCP4: 192.168.20.170/24
 LAN (lan)
                -> ем1
                              -> v4: 192.168.101.254/24
 0) Logout (SSH only)
                                      9) pfTop
1) Assign Interfaces
                                     10) Filter Logs
2) Set interface(s) IP address
                                     11) Restart webConfigurator
                                     12) PHP shell + pfSense tools
3) Reset webConfigurator password
4) Reset to factory defaults
                                     13) Update from console
5) Reboot system
                                     14) Enable Secure Shell (sshd)
6) Halt system
                                     15) Restore recent configuration
                                      16) Restart PHP-FPM
7) Ping host
8) Shell
Enter an option:
```