

Weather Ranch IntelliStar 1 Setup Guide

First, download the unmodified VHD from the Internet Archive found [here](#) or you may download it [here](#).

Once the download is complete and ready to use, open VMware and start the setup process, 2GB of RAM (memory) is recommended, Select **FreeBSD version 10 or earlier 32-bit** as the operating system. When you reach the disk selection page, choose the VHD you downloaded. If VMware asks whether you want to convert the **VHD**, make sure to keep the format as **VHD**.

Before starting the VM, right-click the virtual machine, open **Settings**, and remove both the **USB Controller** and the **Sound Controller**.

Now boot the i1. When you see the message:

“Hit [Enter] to boot immediately, or any other key for command prompt”

Press any key other than Enter to access the command prompt.

type:

boot -s

and press enter.

When prompted with:

“**Enter full pathname of shell or RETURN for /bin/sh:**”

just press Enter.

Now run the following commands:

mount -ruw /

mount -a

First, let's change the passwords. Run the following commands:

passwd root

passwd dgadmin

It will look as if nothing is being typed as you enter your new passwords, this is normal please enter your new passwords anyway.

Once done please enter the following commands:

rm /usr/local/etc/rc.d/zabbix_agentd.sh

rm /usr/twc/domestic/conf/job_backchannel_daily.py

rm /usr/local/bin/prov_netconf

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Next let's edit the `rundomestic.sh` file:

[ee /usr/twc/domestic/util/rundomestic.sh](#)

Comment out the first `exec` command and uncomment the `python` and `exec` commands at the bottom, you should see something like this:

```
#### Uncomment this line for production boxes.
#exec python /usr/twc/digi/util/istard.pyc /twc/conf/istard.py spawn

#### Uncomment these 2 lines for interactive prompt.
#### INTERNAL TEST BOXES ONLY!!! NO PRODUCTION BOXES!!!
#### Comment out line above if you do this!!!
python /usr/twc/digi/util/istard.pyc /twc/conf/istard.py start
exec bash
```

Next let's edit `istard.py`

[ee /usr/twc/domestic/conf/istard.py](#)

Comment out the lines containing `'sensord'` and `'vspoold'`. It should look like this:

```
stopCmdList = [
    'jobsched',
    # 'sensord',
    'playman',
    'execd',
    # 'vspoold',
    'renderd',
    'receiverdPri',
    'receiverd',
    'datad',
    'eventd',
    'nsd',
]
```

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Next scroll down and comment out the **vspoold** and **sensord** in the **startCmdList** as well:

```
istarBinary('receiverd', HIGH_PRI),
istarBinary('receiverd', HIGH_PRI, 'receiverdPr
istarBinary('renderd', HIGH_PRI),
#istarBinary('vspoold', HIGH_PRI),
rsload(TWCPERSDIR + '/util/Video.rs'),
pythonDaemon('execd'),
pythonDaemon('execd', DFLT_PRI, 'playman'),
#pythonDaemon('sensord', HIGH_PRI),
sendSignal('execd', 'altFeed.resetChannel', '')
loadPlugin('execd', 'map'),
loadPlugin('playman', 'init'),
```

Next edit:

[ee /usr/twc/domestic/conf/renderd.py](#)

Find the line that says “**config.activateTStormCard(1)**” and set it to
“**config.activateTStormCard(0)**”

Next let's edit the firewall and network

First run: [ee /etc/rc.firewall.local](#) and at the very top add a new line and put “add allow all from any to any”

Next: [ee /etc/rc.conf](#) change any “**fxp0**” to be “**em0**” and set a valid IP next to inet.

```
hostname="localhost"

# Data over IRD
ifconfig_em0="inet 192.1.1.2 netmask 255.255.255.0"
static_routes="mcast"
route_mcast="224.0.0/8 -interface em0"
```

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Next: [ee /etc/X11/XF86Config-4.9200](#)

Scroll down to the device section and comment out everything aside from **Driver** and **Identifier**, and make the driver “**vmware**”

```
Section "Device"
    ### Available Driver options are:-
    ### Values: <i>: integer, <f>: float, <bool>: "True"/"False",
    ### <string>: "String", <freq>: "<f> Hz/kHz/MHz"
    ### [arg]: arg optional
    #Option      "ShadowFB"          # [<bool>]
    Identifier   "Card0"
    Driver       "vmware"
    #VendorName  "ATI Technologies Inc"
    #BoardName   "Unknown Board"
    #BusID       "PCI:1:0:0"
    #Option      "AGPMode" "8"
    #Option      "AGPFastWrite" "False"
    #Option      "AGPSize" "128"
EndSection
```

You should now be able to boot into X11. In the lower-left terminal, Type **source ~/.bash_profile** then you should be able to do **toggleNationalLDL 1 B** for example, to see the LDL for Flat Rock appear.

This is the end of the guide. We hope that you now have a working IntelliStar 1 VM!

discord.gg/weatherranch