

Forum:[Hack Forums](#)

Thread: [smallest Linux-Distro able to succesfully host Virtual Machines](#)

--_n0madiQ_-- - December 27, 2017, 5:22 pm

Hello,

I have a question to anyone that has some experience with using Linux as a host for Virtual_Machines.

I have a old desktop-pc here that I want to use as a secure virtual Testing-and-Training-Lab.

Why???

I really need this for my ComTIA-Linux+_studie and for testing all the cracking-tools, weard_software , virusses, keyloggers, etc. I have gathered this year from all over the WEB. ..

Sadly this desktop only has a CPU that's a AthlonII-x3 (3.2ghz) and only has 12GB-RAMM. I don't think 12GB-Ramm will not do but I'm worried about the CPU being to weak to give enough power to run both Host-OS and Guest-OS smoothly.

The only sollution I can think off at this moment is to use some small Linux-Distro Like Puppy-Linux as my Host-System for Virtualbox to spare my system resources!

It's only purpose will be keeping my VM,s secure and running smoothly.

Is this a smart thing to do (Or am I just being A retarded-newbie asking stupid questions for stupid plans? ?)

I really could use some guidance here building and configuring the thing !!!

Please help me out in finding a good sollution or alternative !!!

ps: Sorry for my poor Grammar.. I'm working on that as well!

Cannot Compute - December 27, 2017, 7:16 pm

Pretty much any distro should be able to handle this. However I would suggest you look into something more along the lines of a bare metal hypervisor.

--_n0madiQ_-- - December 27, 2017, 8:50 pm

(Dec 27, 2017 08:16 PM)Cannot Compute Wrote: [\[CITE\]](#) Pretty much any distro should be able to handle this. However I would suggest you look into something more along the lines of a bare metal hypervisor.

Heyyyy..

Didn't expect that for an awnser.. ?

LOL! ?

I glad you mention something complete different from my plan. I like new insights.. I'm about to learn some whole new skill-set in Virtualisation if I listen to you am I right?

To be honest I haven't got any experience with type 1 Hypervisors but I did a quick google search and found a lot of Info about the topic.

It seems there are some payed versions and also free open-source ones. My eye fel on something written about driver and firmware issues.. Don't know for sure.. Need to do some more research about this, and I will Will be needing some extra coffee ... haha

Question:

Why would you personally choose for this option over simpel V-BOX or such? Just because its the smallest, less consuming sollution or does it have more positive quality's? This seems to me like a pro-sollution big Enterprises use to run their servers on..

I like that!

Can you tell me some more about your motivation ?

--_n0madIQ_-- - January 1, 2018, 8:28 am

(Dec 27, 2017 08:16 PM)Cannot Compute Wrote: [\[CITE\]](#) Pretty much any distro should be able to handle this. However I would suggest you look into something more along the lines of a bare metal hypervisor.

I have been looking at my option and a bare metal hypervisor is not it. To much expenses for only a few VMs .. Nice but not now!

Perhaps in a few years when I (hopefully) will be administrating my own Bulletproof-Servers somewhere... ? But untill then I better keep it as low cost as possible!

There seemed to be loads of other Virtualization tools for Linux and I have chosen for a native Linux peace of software.. Giving it a shot as soon as I can..

13uNkNoWn - January 2, 2018, 3:34 pm

(Jan 1, 2018 09:28 AM)--_n0madIQ_-- Wrote: [\[CITE\]](#) I have been looking at my option and a bare metal hypervisor is not it. To much expenses for only a few VMs .. Nice but not now!

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Too much expenses?

ProxMox, Ovirt, and Hyper-v all have free versions

enterdavertex - February 5, 2018, 10:03 am

Bunsenlabs , Q4OS.

Those linux Distro are mainly the best I did use for lightweight system.

You can still use Archlabs , which is a fork of Bunsenlabs with the Arch method in mind.

Betty Blue - February 5, 2018, 2:48 pm

(Feb 5, 2018 11:03 AM)enterdavertex Wrote: [\[CITE\]](#) Bunsenlabs , Q4OS.

Those linux Distro are mainly the best I did use for lightweight system.

You can still use Archlabs , which is a fork of Bunsenlabs with the Arch method in mind. Not lightweight, size wise. Bunsen is still a 600MB iso. And Q4OS is pushing that.