



Is VPS and VM same thing or is there any difference? [closed]

Asked 3 years, 4 months ago Active 3 years, 4 months ago Viewed 3k times



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It appears to me that VPS and VM is the same thing because of the way they both work. But if we dig little deeper, is there any noticeable difference between the two like physical hardware, management or scalability? Can anyone provide difference and similarities between the both? Or VM is just a new-age name for old VPS?



TIA



virtual-machines

vps

asked Jul 8 '16 at 17:54



swap

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closed as off-topic by [yoonix](#), [womble](#) ♦ Jul 9 '16 at 1:58

This question appears to be off-topic. The users who voted to close gave this specific reason:

- "Questions on Server Fault must be about **managing information technology systems in a business environment**. Home and end-user computing questions may be asked on [Super User](#), and questions about development, testing and development tools may be asked on [Stack Overflow](#)." – yoonix, womble

If this question can be reworded to fit the rules in the [help center](#), please [edit the question](#).

2 Answers

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4 In the end, a VM is more of a technical term while VPS is a marketing item.

answered Jul 8 '16 at 17:58



Sven ♦

90.3k

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206

I'm looking for technical differences. Could you please explain? – swap Jul 8 '16 at 18:00

2 @swap: Sven actually gave you all the relevant information, which is quite limited based on the question. A VPS is a marketed VM. – Julie Pelletier Jul 8 '16 at 18:10

1 A VPS might not be a virtual machine. Sometimes it's just a container. – Michael Hampton ♦ Jul 8 '16 at 18:45

My understanding of the terminology.

1

A VM is a virtual machine, it runs it's own kernel (though in some cases it may be a special one specific to the VM platform) and you run software on that kernel just like you would on a real machine.

A Container abstracts stuff so it looks like you have your own machine but your services are still provided by the host kernel. This uses less resources but means you are tied to the same kernel version as the host.

A VPS is a VM or Container sold for the purposes of acting as a "private" server without giving you your own private server hardware.

answered Jul 8 '16 at 20:24



Peter Green

3,143

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