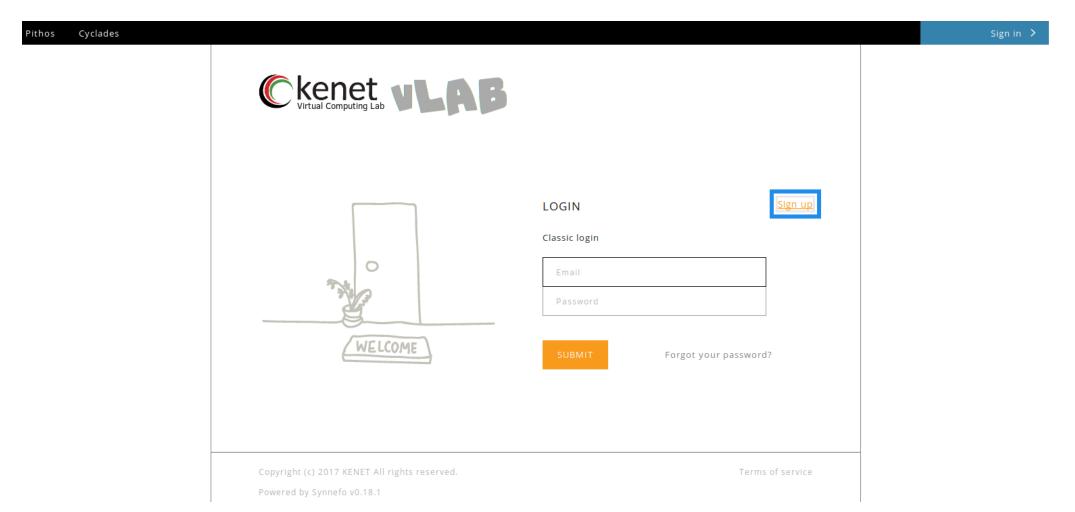
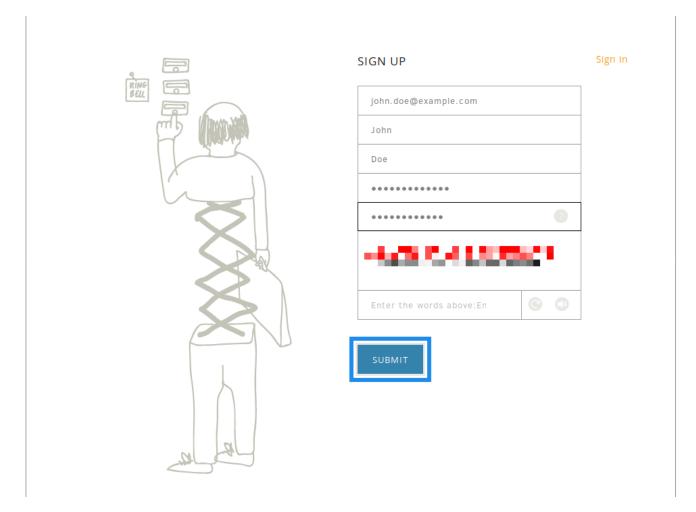
The first step is to open Vlab Dashboard (https://vlab.ac.ke) and click Sign up if it is your first time or simply log in if you have an account already



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VLAB

Fill in your details, enter the required security captcha and click on SUBMIT. An email will be sent to your account. Confirm your account by clicking on the included link. Your account will then be activated by KENET VLAB team.



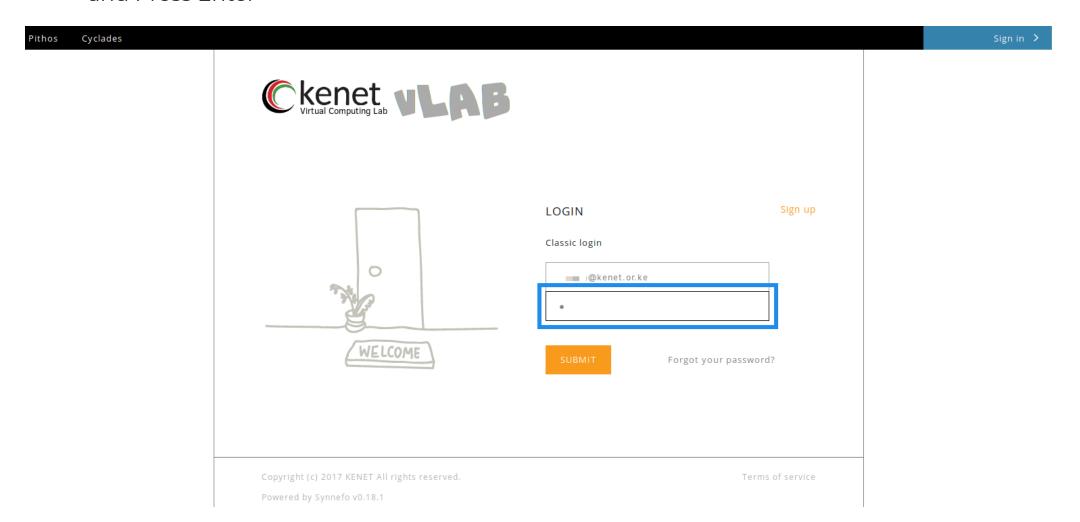
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VLAB

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Once your account is activated you can now login. Provide your Email, type **** in Password and Press Enter

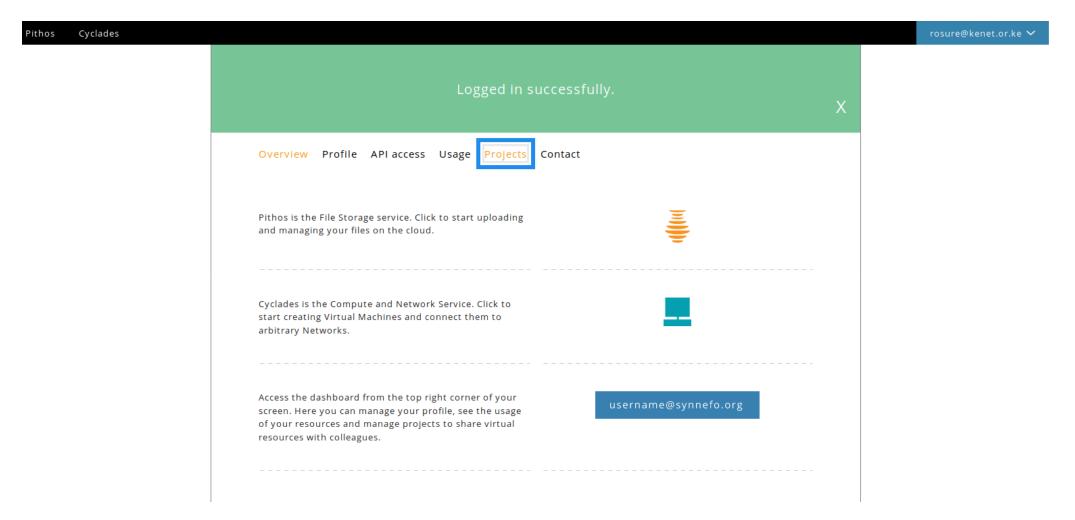


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VLAB

Click Projects. ** If you are already a member of a project, jump to page 9 of this tutorial



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VLAB

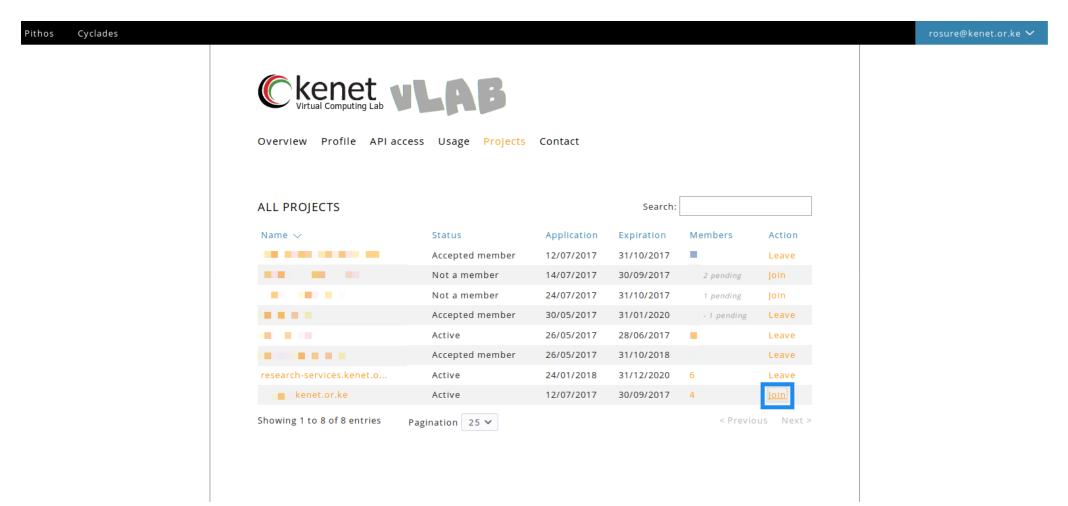
Click Join



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VLAB

Select a project and click on Join. e.g kenet.or.ke. * If you are a researcher, please join the research-services.kenet.or.ke project

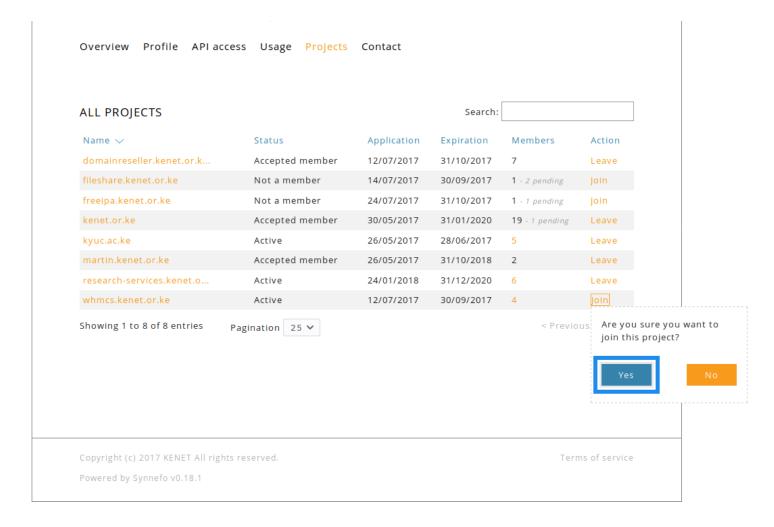


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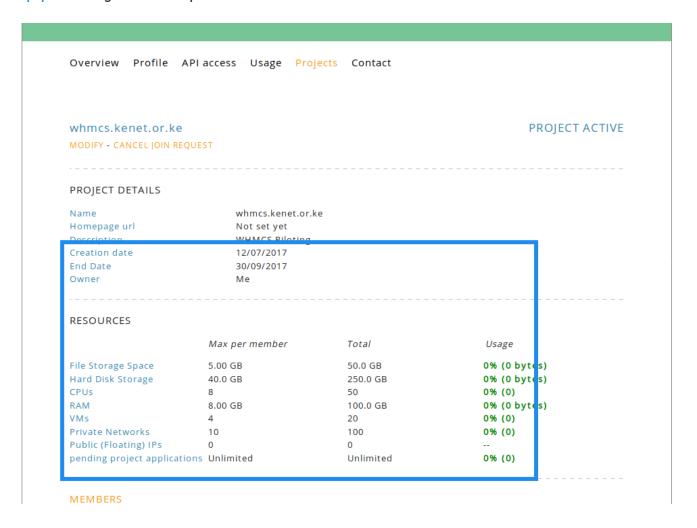
VLAB

Click Yes to submit your Join request



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Project summary details are shown and member quota. ** In the meantime the project admin will approve your request



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VLAB

Click on Cyclades once you are approved as a project member and you have received an email alert confirming the same

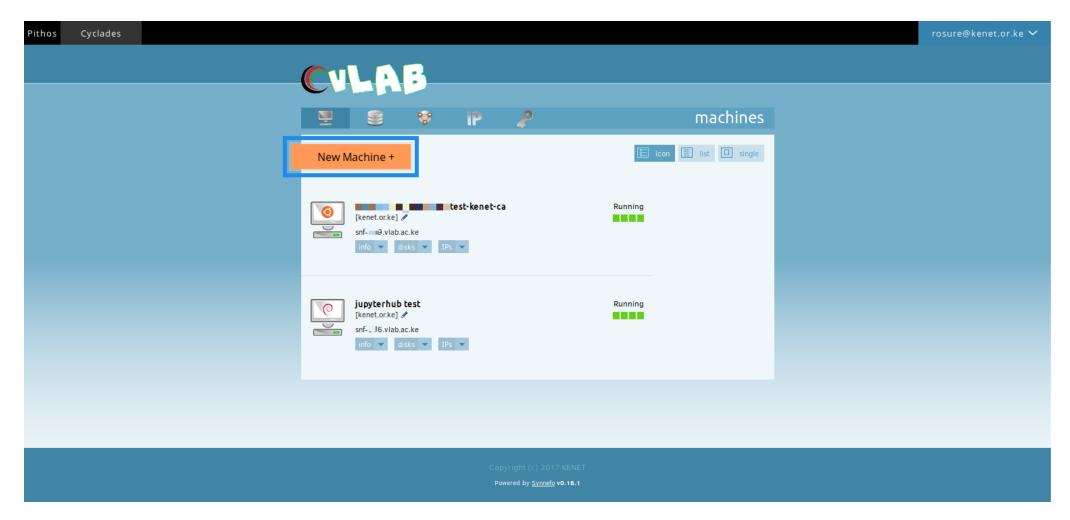
Cyclades kenet VILAB Overview Profile API access Usage Projects Contact PROJECT ACTIVE research-services.kenet.or.ke MODIFY - LEAVE PROJECT DETAILS research-services.kenet.or.ke https://www.kenet.or.ke/research-services Homepage url Description Research Services - For use by researchers running R, Python, Quantum, Octave 24/01/2018 Creation date End Date 31/12/2020 Me RESOURCES Max per member Total Usage File Storage Space 5.00 GB 1000.0 GB 0% (38.7 kB) Hard Disk Storage 500.0 GB 15.0 TB 1% (180.0 GB) 4 7% (6) CPUs 80 RAM 16.0 GB 200.0 GB 7% (14.0 GB)

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VLAB

Click New Machine + to create your virtual server

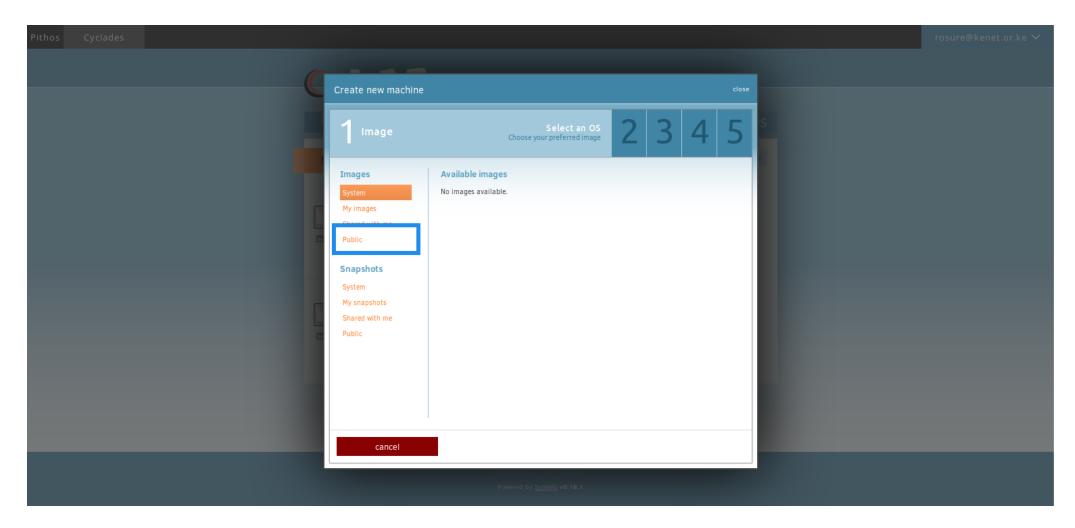


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VLAB

Click Public

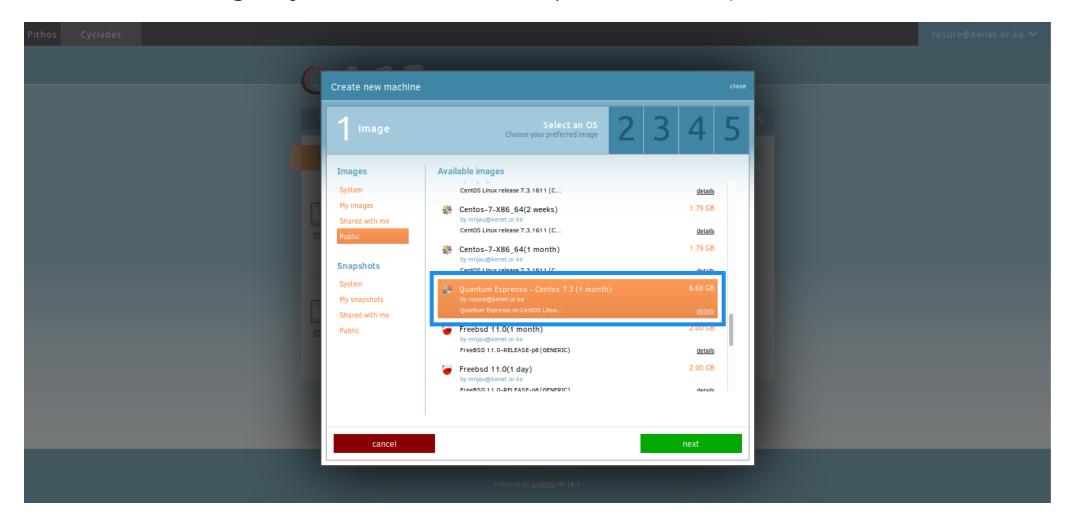


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VLAB

Select an image of your choice. In this example Quantum Espresso...

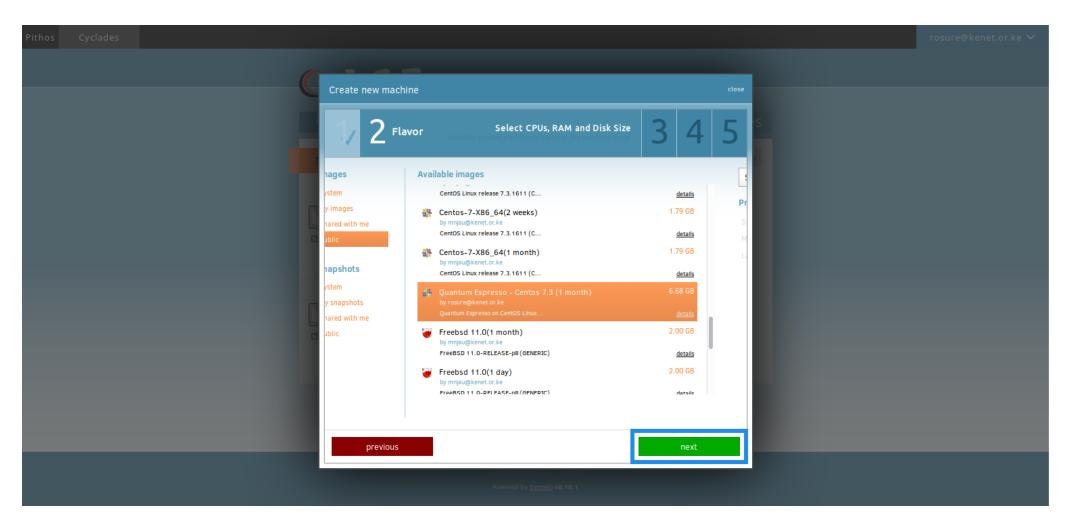


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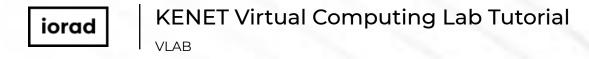


VLAB

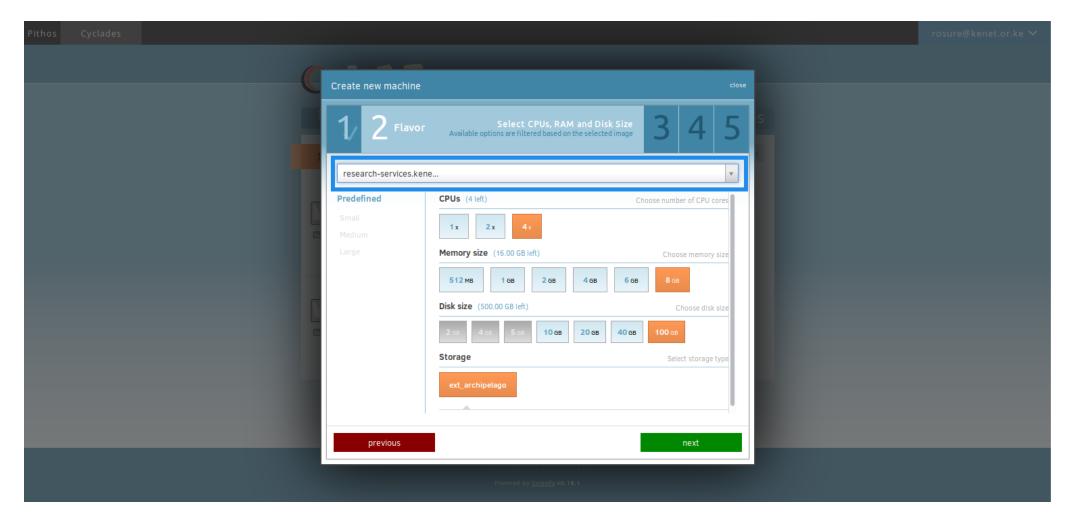
Click next



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Ensure your project is selected research-services.kene...

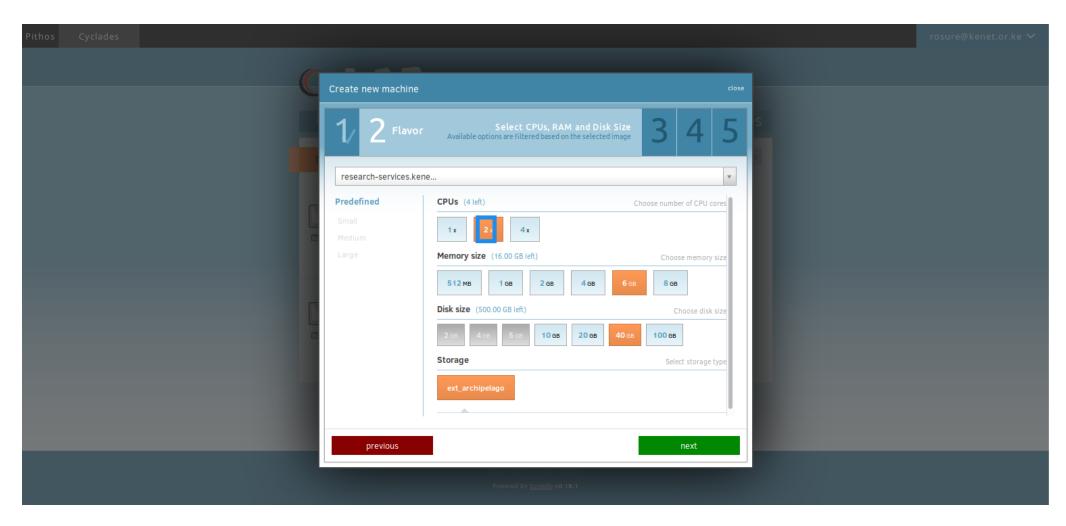


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VLAB

Select no. of CPUs

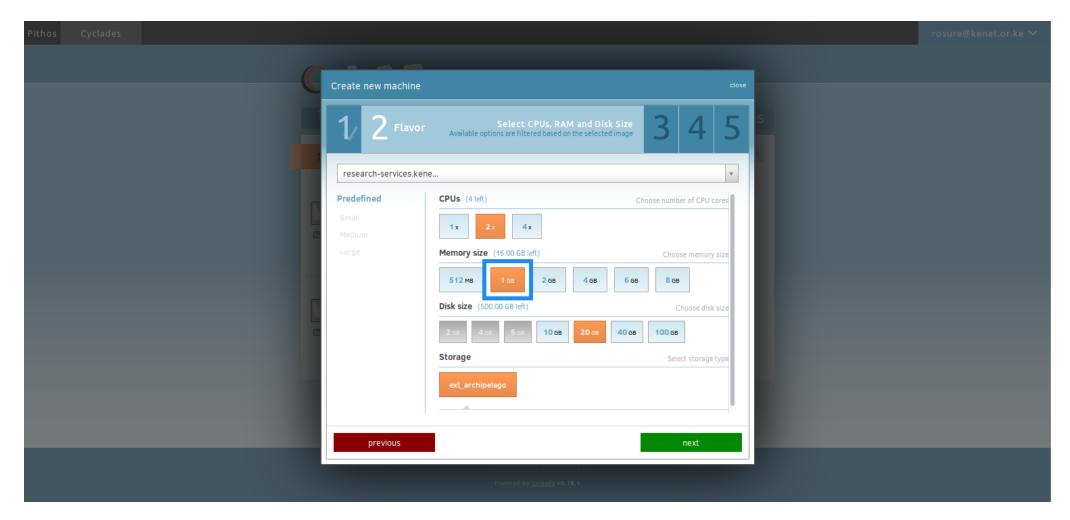


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VLAB

Set memory size

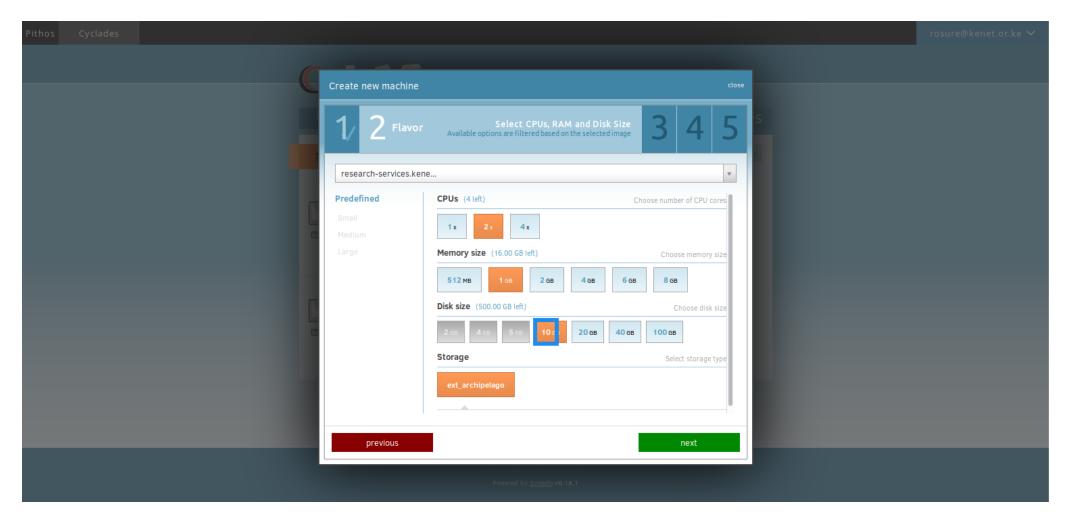


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VLAB

Set disk space size

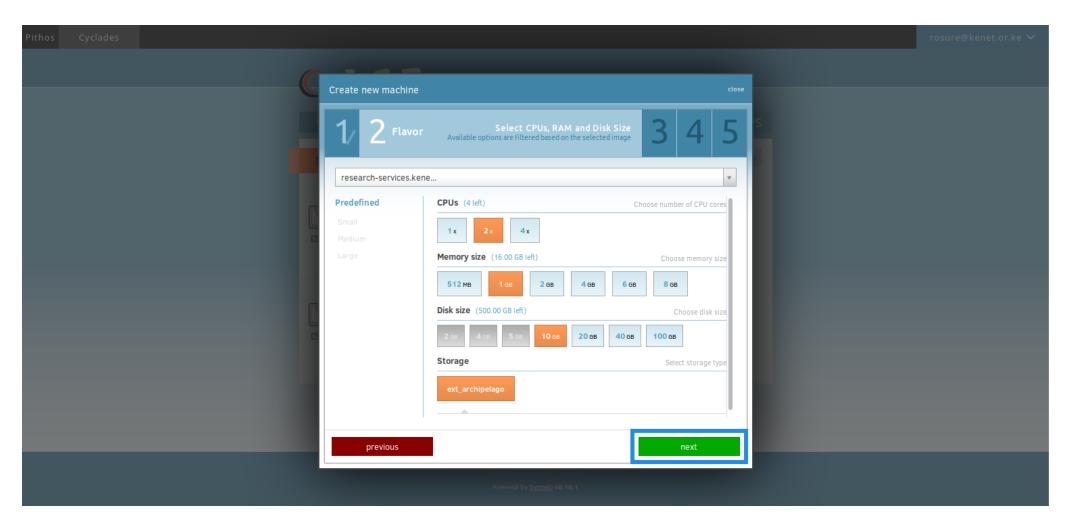


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VLAB

Click next

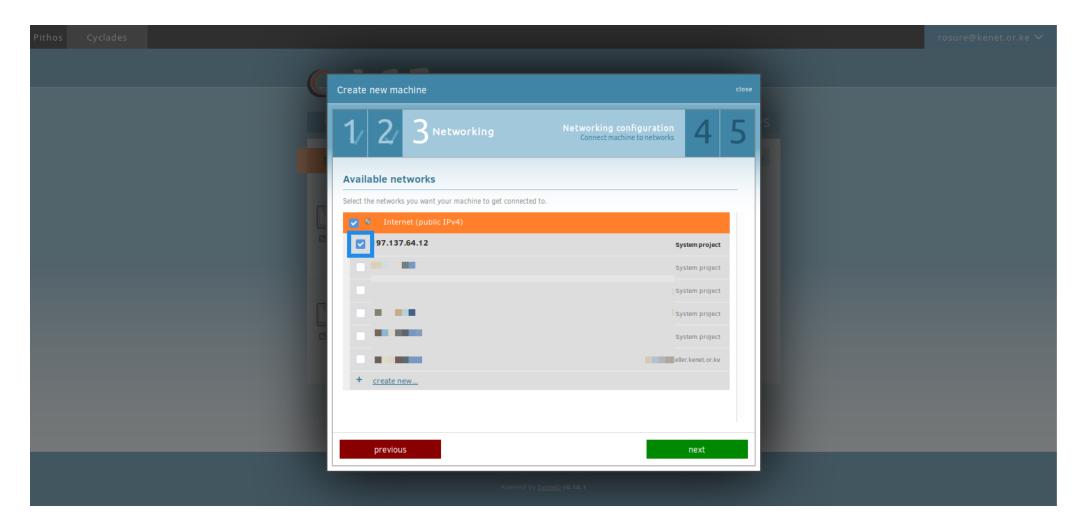


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VLAB

Allocate an IP address. Make sure an IP is selected or else click create new and check the box next to the IP address

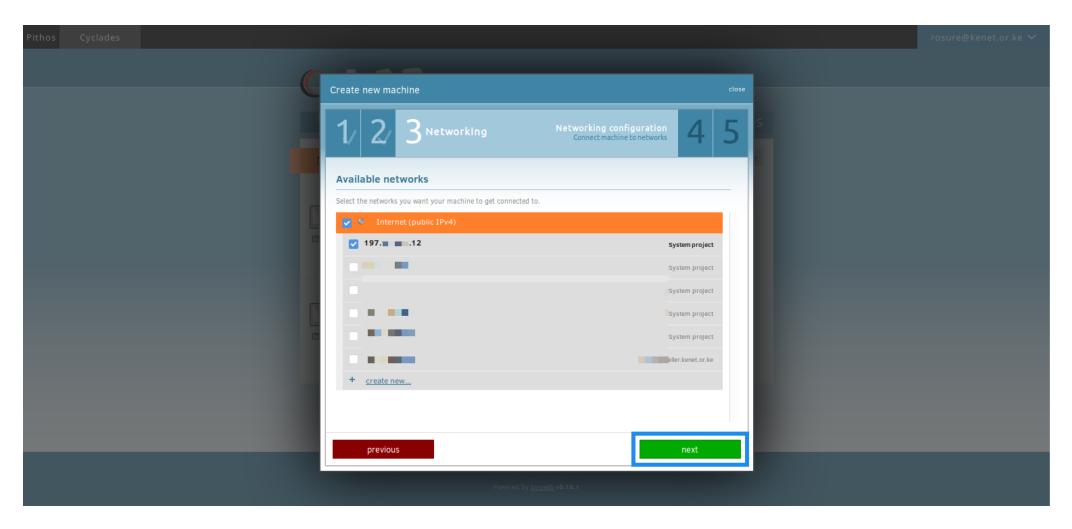


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VLAB

Click next



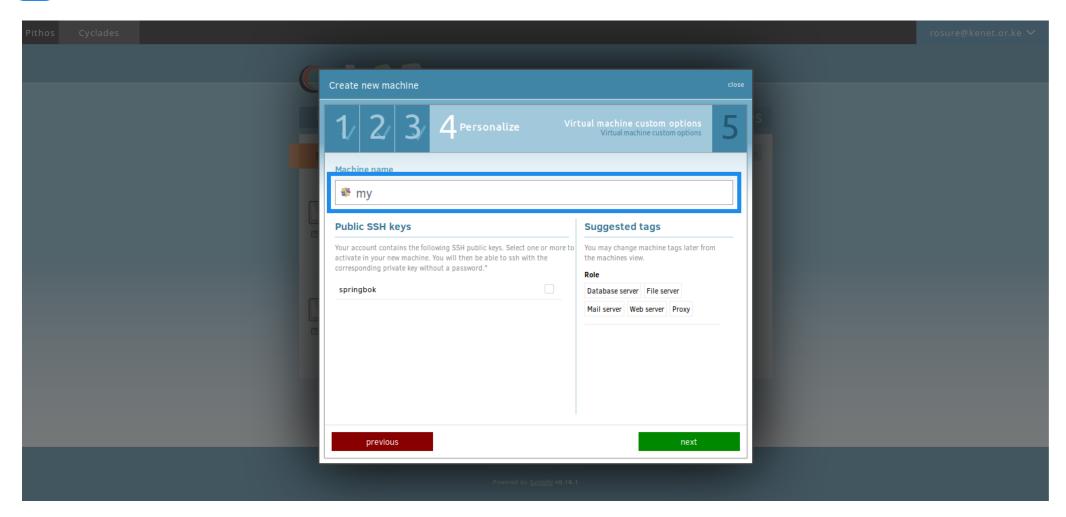
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VLAB

T

Type **** in Machine name

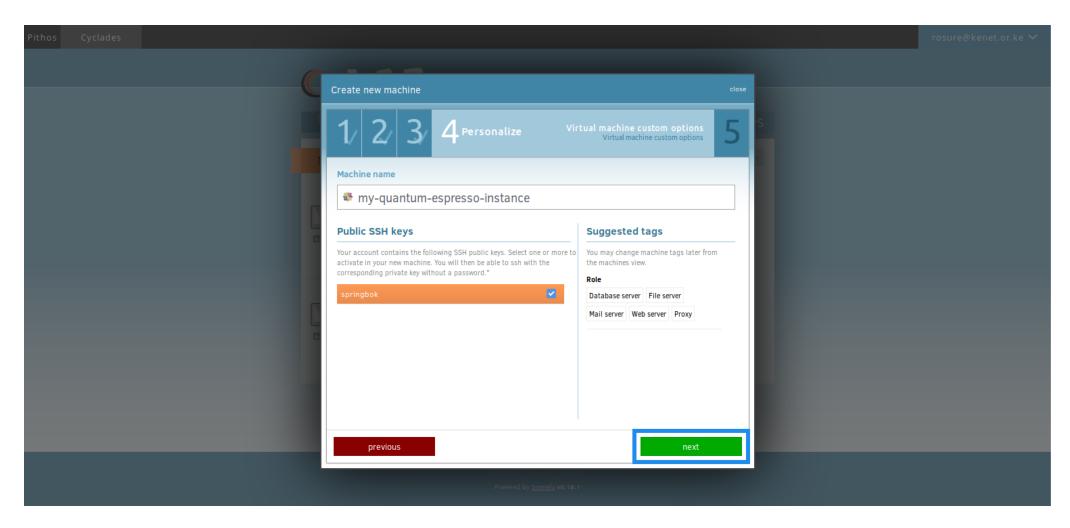


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VLAB

Click next

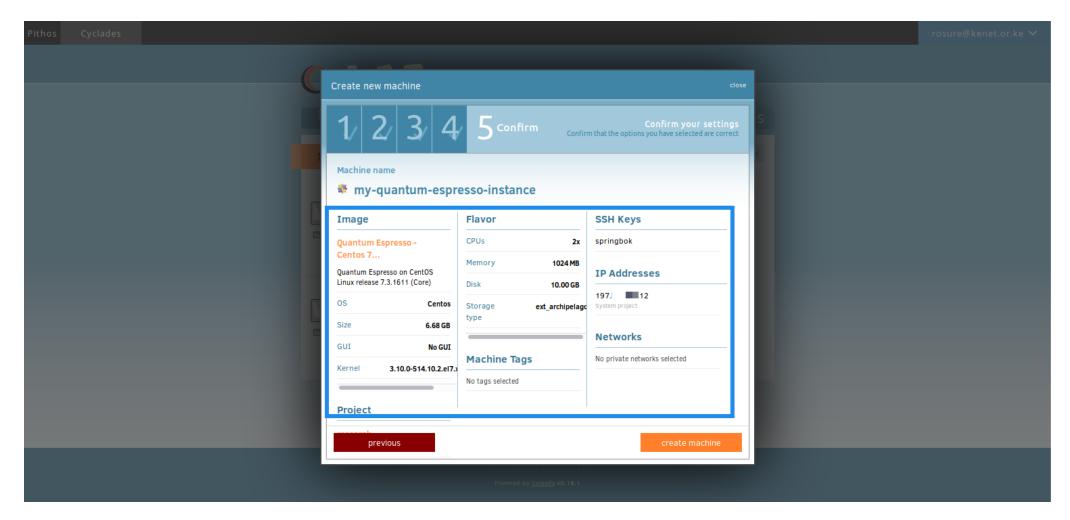


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VLAB

Review summary

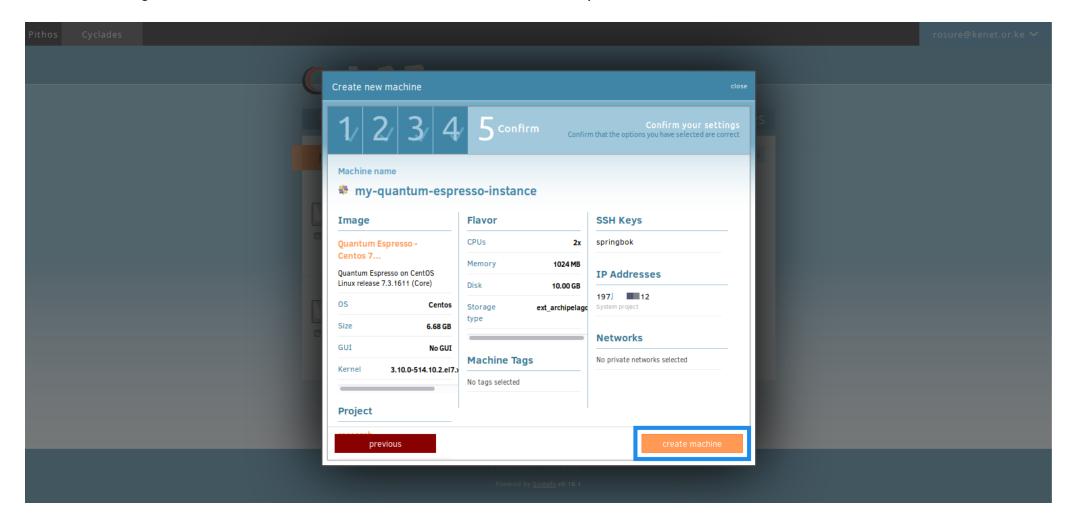


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VLAB

Ready? Click create machine to start the build process

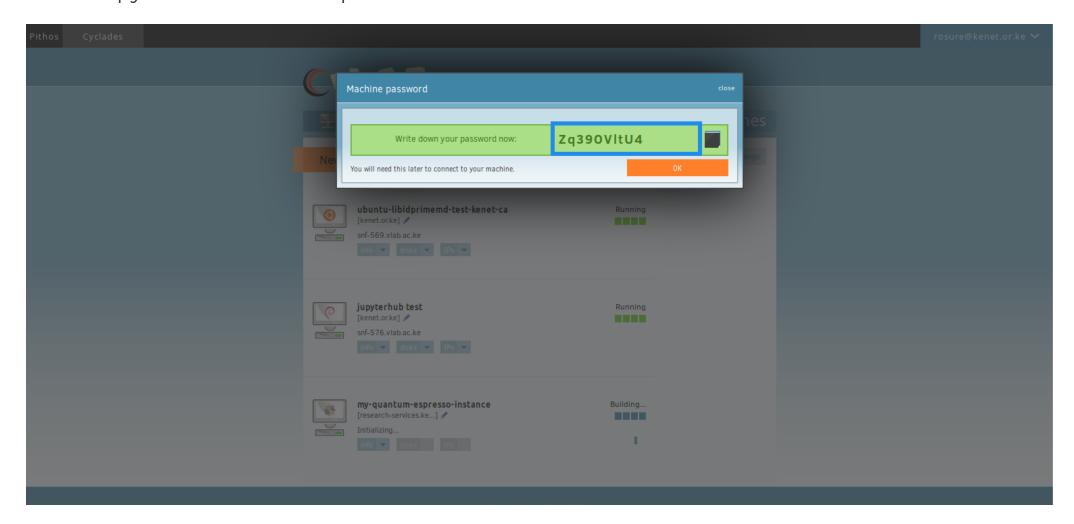


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VLAB

As the machine builds, your password for the machine/server will be presented to you. Copy and save in a safe place for use later

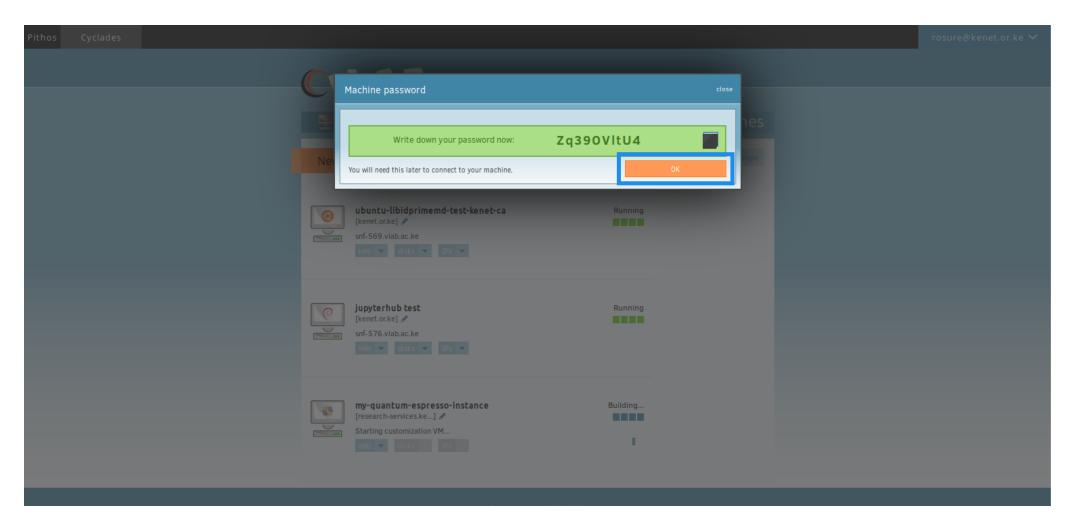


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VLAB

Click OK

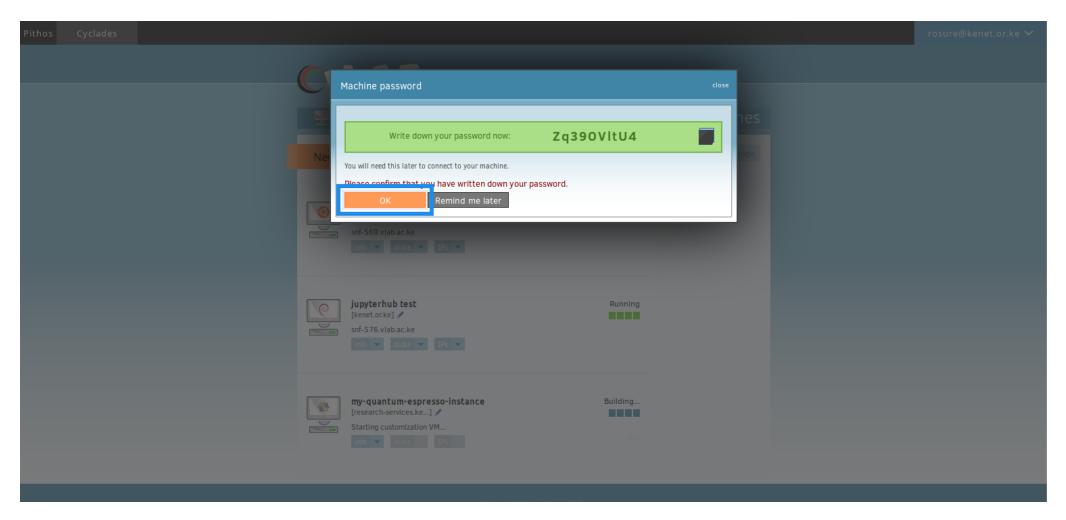


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VLAB

Click OK again to close the dialog box.



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VLAB

Your machine now builds. Wait a few minutes to complete



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At this point you can access your machine/server by clicking Console or via SSH/Putty as follows: <u>User</u>: root (or user) <u>Password</u>: copied/saved earlier <u>Host</u>: snf-XXX.vlab.ac.ke



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VLAB

That's it. You're done.



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