

SOC Linux Machines and Access Options

Article Number: 624 | Last Updated: Tue, Jul 24, 2018 at 4:18 PM

The McAdams 110A general lab provides both windows and Linux-based systems. The first row of tables are Windows-based systems, rows 2 and 3 are Linux-based. You should be able to access both the building and McAdams 110A using your university ID card 24 hours a day. A good way to access school systems over the network is via a program called `ssh`. For Windows, one SSH client that is recommended by CCIT is called PuTTY and can be downloaded for free from <http://www.putty.org> For Linux and Mac systems, `ssh` should be a built in command, so if you need to `ssh`, you will open terminal type `ssh` and then the machine that you are trying to log into. For example: `ssh koala10.cs.clemson.edu` If you are **off campus**, you cannot directly SSH to these machines, you must first do one of two things: Connect to the VPN (instructions here: <https://hdkb.clemson.edu/phpkb/article.php?id=64>)

OR SSH into `access1` or `access2` first, and then `ssh` again into the machine you need using the same format as above.

To `ssh` into the access machines, you will use the command "`ssh username@access1.ca.clemson.edu`" where `username` will be replaced with your actual Clemson username

It should ask you for your Clemson password, and be aware that when you type your password, the cursor will not move or appear as if it is typing, but this is normal and once you have finished typing your password simply hit enter, and it should log you in. Below are a list of machines that are accessible:

Hostnames	Location	OS	Architecture	CPU Cores	Mem
ada1..17	McAdams 110A	Ubuntu 16.04	x86_64 i5	4 x 3.40GHz	16GB
babbage1..33	Barre B108	Ubuntu 16.04	x86_64 i7	4 x 3.40GHz	8GB
joey1..20	n/a	Ubuntu 16.04	x86_64 i7	4 x 3.40GHz	16GB
cerf1..28	McAdams 110D	Ubuntu 16.04	x86_64 i5	4 x 3.40GHz	16GB
titan1..5	n/a	Ubuntu 16.04	x86_64 E5	4 x 3.00GHz	32GB
newton	n/a	Ubuntu 16.04	x86_64 Xeon	24 x 2.40GHz	96GB

* Off-campus SSH access: `access.cs.clemson.edu`

* General information can be found at <http://www.cs.clemson.edu/help>

* Questions or problems regarding Unix systems should be addressed to `ithelp@clemson.edu` or the friendly folks in 111, 126, 135, or 137

McAdams

For Windows, another alternative to using SSH is X-Win32 which is a remote Linux desktop. It is available for free through the university, and instructions on downloading it can be found here:

<https://ccit.clemson.edu/support/faculty-staff/software/individual-licenses/?id=506&l=1>

For further instructions on how to actually use X-Win32, please see the following:

<https://www.cs.clemson.edu/help/xwin32.html> Lastly, you may choose to use VirtualBox instead, which

should work on Windows or Mac as an alternative to SSH. More instructions can be found here:

<https://www.cs.clemson.edu/help/linux-workshop/>

Posted - Thu, Oct 5, 2017 at 2:35 PM.

Online URL: <https://hdkb.clemson.edu/phpkb/article.php?id=624>