ECE 4220 Analog IC Design
Access to ECE Guacamole

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Guacamole

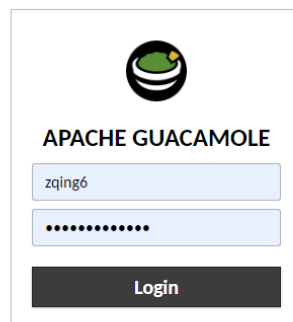Guacamole is a web browser interface to the ECEinux/Unix machines, providing a way of using ECE Linux/Unix machines remotely without having to insx/Unix machines, providing a way of using ECE Linux/Unix machines remotely without having to install any software. Guacamole can be accessed anywhere on- or off-campus without using VT's VPN, and most importantly, your connection to the ECE server remains online even the web browser is closed or the internet connection is disconnected.

Create Your ECE Account

1. Open a web browser, and enter **https://computing.ece.vt.edu/accounts;**
2. Log in with your **VT PID**;
3. Click **ECE Services** under the <u>Contents</u>;
4. Click **Manage ECE Accounts**;
5. Enter **Your ECE account and password**;
6. Click **New**;
7. Fill in the blank fields and click **Create ECE Account!**

Access to ECE Guacamole

1. Open a web browser, and enter **ssh.ece.vt.edu**;
2. Scroll all the way down to the bottom of the page;
3. Click **here** under the <u>Let's get going</u>;
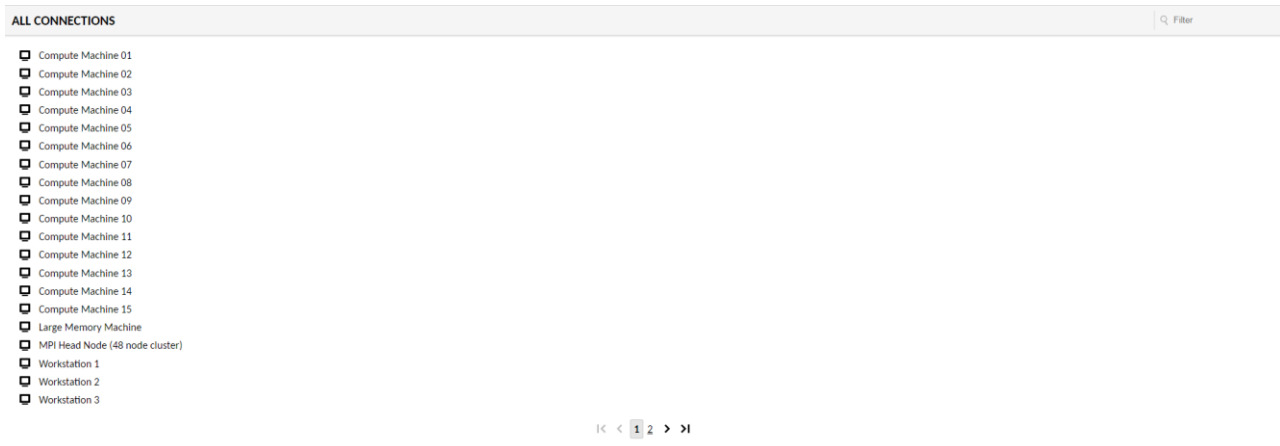4. Login with your ECE account and password.

APACHE GUACAMOLE

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Login

5. Pick a machine from the list.

ALL CONNECTIONS

- Compute Machine 01
- Compute Machine 02
- Compute Machine 03
- Compute Machine 04
- Compute Machine 05
- Compute Machine 06
- Compute Machine 07
- Compute Machine 08
- Compute Machine 09
- Compute Machine 10
- Compute Machine 11
- Compute Machine 12
- Compute Machine 13
- Compute Machine 14
- Compute Machine 15
- Large Memory Machine
- MPI Head Node (48 node cluster)
- Workstation 1
- Workstation 2
- Workstation 3
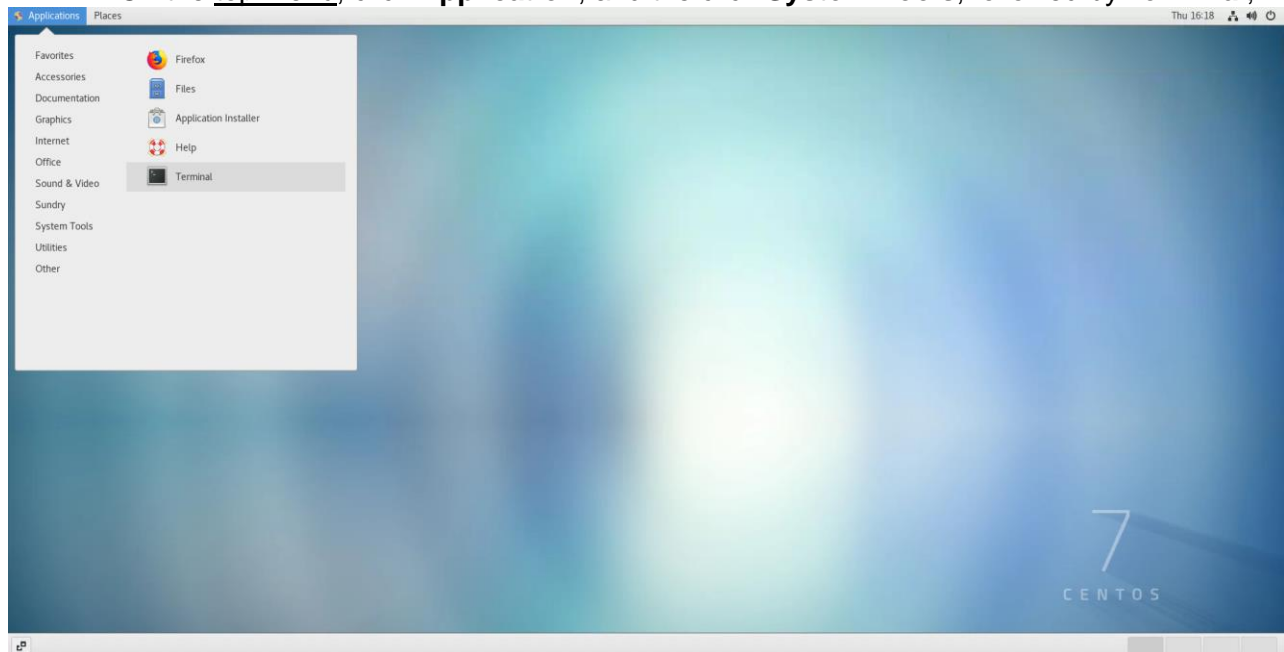
|< < 1 2 > >|

6. You should see the desktop.

===== note =====
Please use either "**Workstation #**", where "**#**" can be "**1**" to "**6**", or "**Compute Machine #**", where "**#**" can be "**01**" to "**15**".
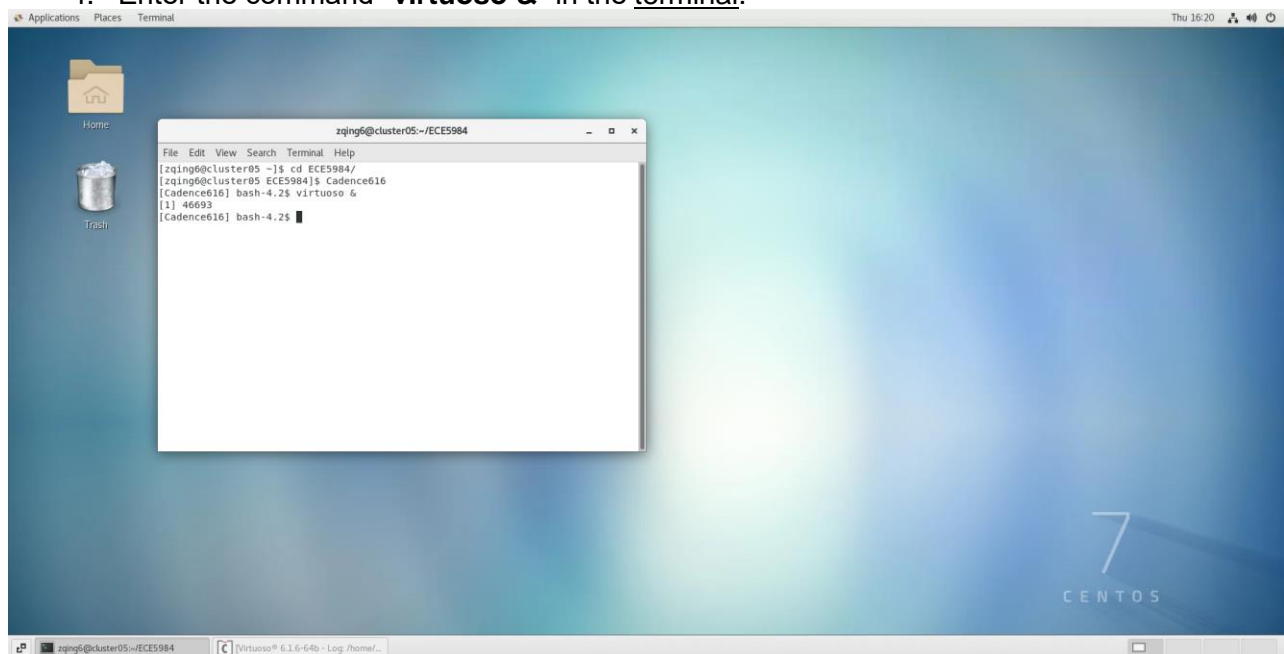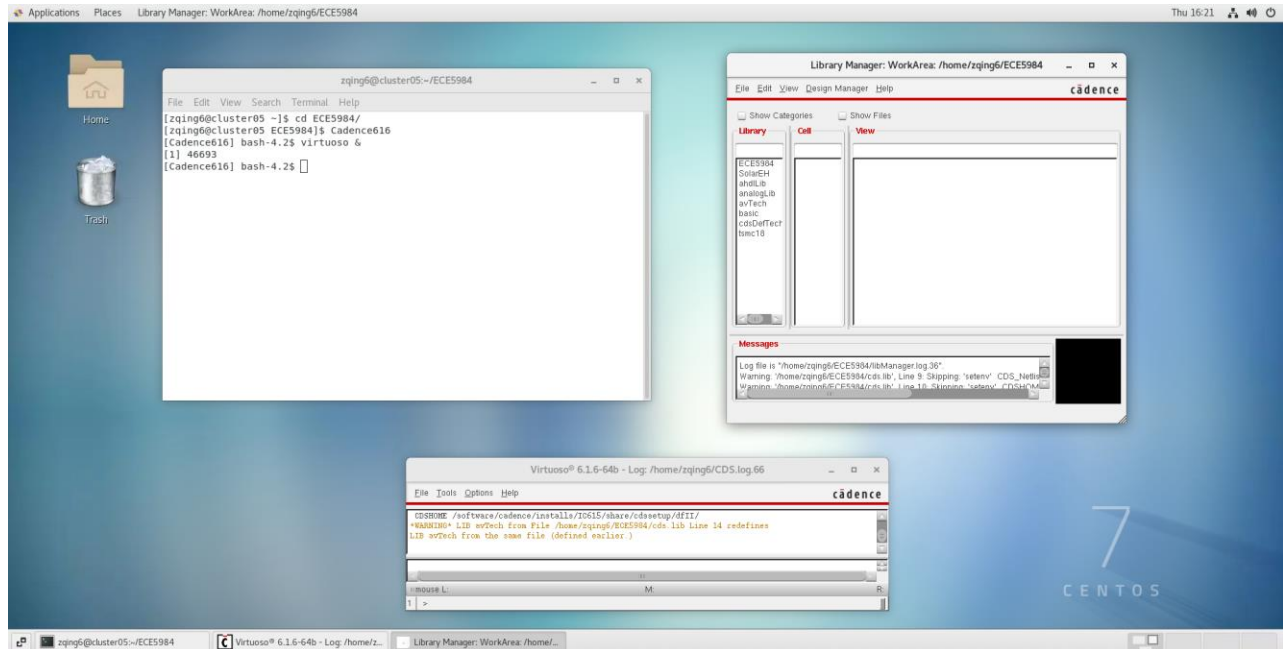===== end ===

Access to Cadence Virtuoso Environment

1. On the <u>top menu</u>, click **Application**, and the click **System Tools**, followed by **Terminal**;
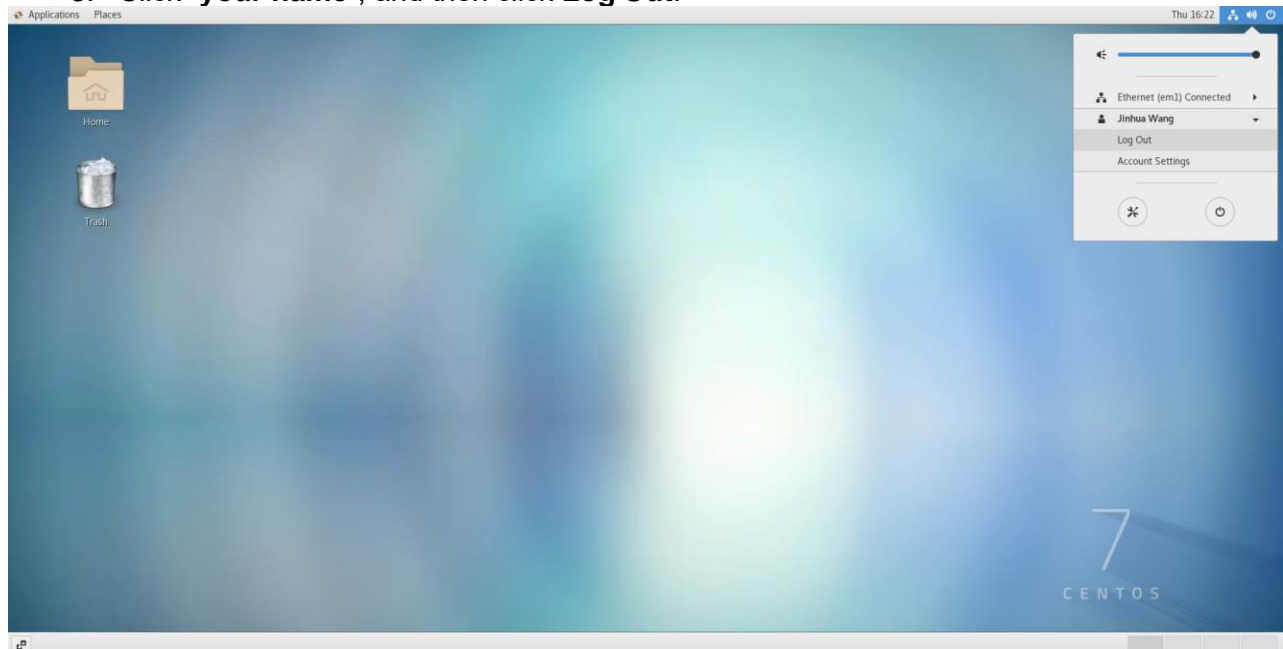

2. Enter the command "**cd name_of_your_working_directory**" in the <u>terminal</u>;
3. Enter the command "**Cadence616**" in the <u>terminal</u>;
4. Enter the command "**virtuoso &**" in the <u>terminal</u>.

Logout from Guacamole

1. Close all Cadence windows;
2. On the top menu, click the **power icon** located on the top-right corner;
3. Click "**your name**", and then click **Log Out**.

===== note =====
Please ensure to **LOGOUT** from the server, **NOT** to Shut Down the server. If you **Shut Down** the server, other people will lose their data.
===== end =====