

## Software Provided and How to Access It

1. MapleSAT - <https://sites.google.com/a/gsd.uwaterloo.ca/maplesat/>
2. Z3 - <https://github.com/Z3Prover/z3>
3. Python3
4. CBMC - <https://github.com/diffblue/cbmc>
5. UCLID - <https://github.com/uclid-org/uclid>

All these tools are installed on the Virtual Machine (.ova file) that we will be distributing during the conference (via USB). They are also present on an internal IIIT server.

## Accessing the Server

1. `ssh root@10.4.12.15` OR `ssh root@10.4.12.16`
2. If you receive a message saying:  

```
The authenticity of host '10.4.12.16 (10.4.12.16)' can't be established...
Are you sure you want to continue connecting (yes/no)?
```

  
enter yes.
3. Password is 123
4. Create a user of your name by the command `adduser <<your_name>>`
5. Provide a password (no need to provide fullname, roomnumber, etc., just provide the password) and hit `y` after setting the password. Your user will be created.
6. Provide sudo access to it by adding the username to sudoers file. run command `vi /etc/sudoers` . This will open the sudoers file. Then add the following line to the file `<<username>> ALL=(ALL:ALL) ALL` . Save and exit the file.
7. Now you can enter your user by the command `su - <<username>>`. To access the softwares installed in the root, type the command `sudo su -` .
8. You will find the tools on the server.

## Using the Virtual Machine

Download VirtualBox

1. In VirtualBox, **File >> Import Appliance**.
2. Browse and select the .ova file that we will be distributing.
3. Start the VM.