

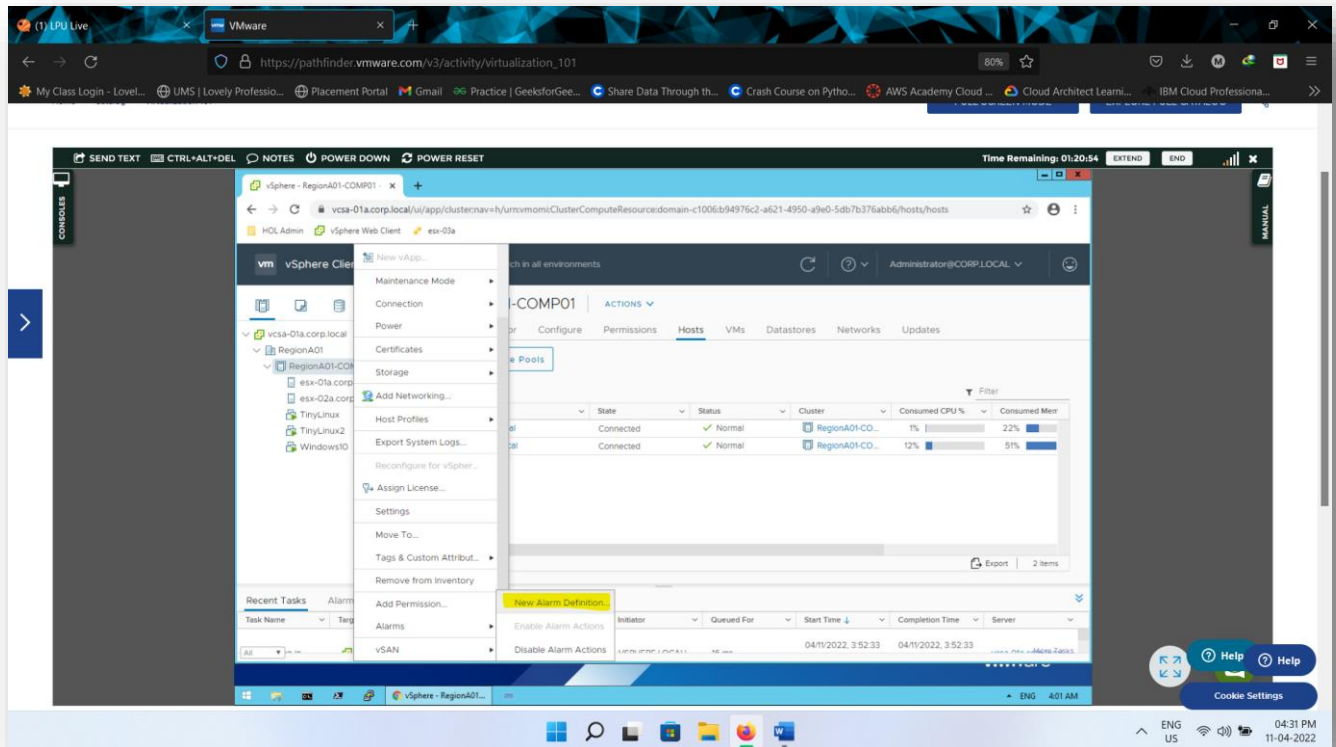
Name: Manikanta Rayala
Reg_No : 11914214

Roll: A22
Sec & Grp : K19APG1

- Task: 1) Create a warning alert when Host CPU usage is above 70% for 10mins.
- 2) Create another warning keeping at Critical level when host CPU usage is above 80% for 5mins.
- 3) Adding shutdown rule at the end to shutdown host machine.

Firstly, we right click on a host CPU, let's do for esx-02 host.

Here we can see a option to create new Alarm, click on highlighted option.

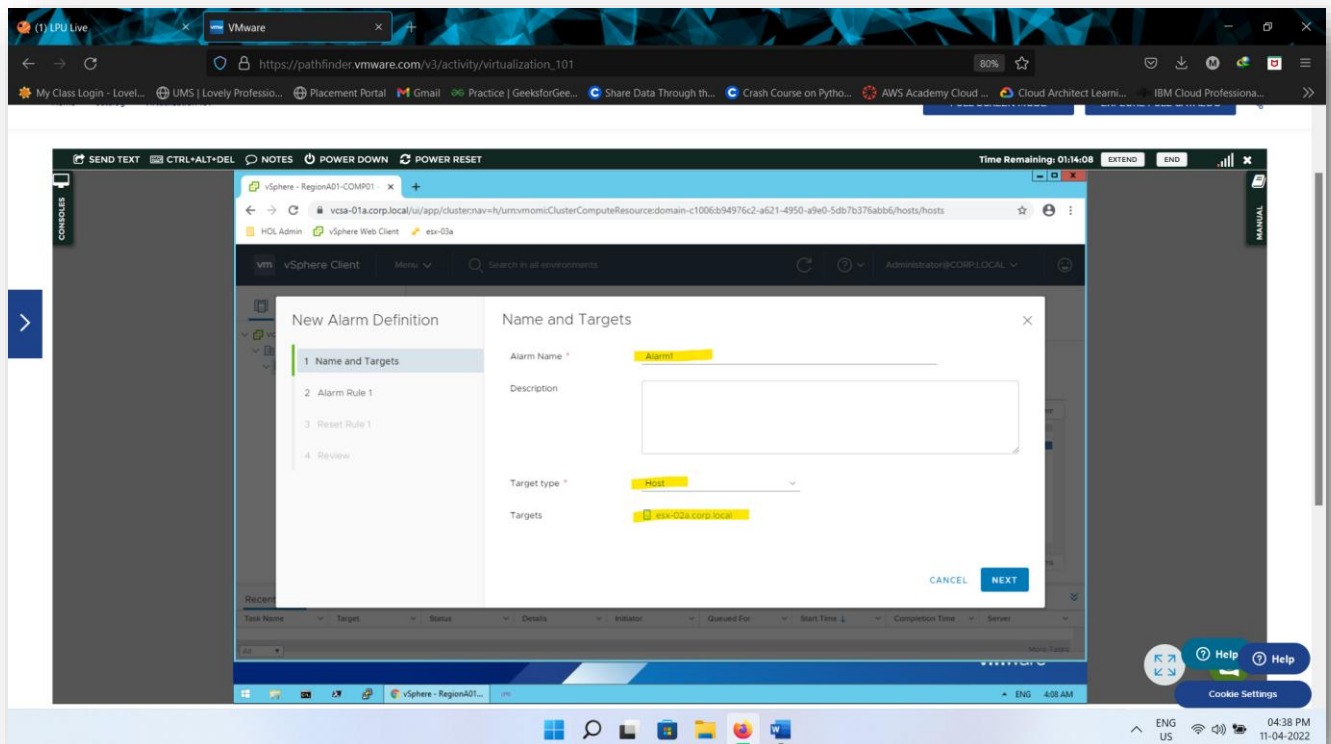


Name: Manikanta Rayala
Reg_No : 11914214

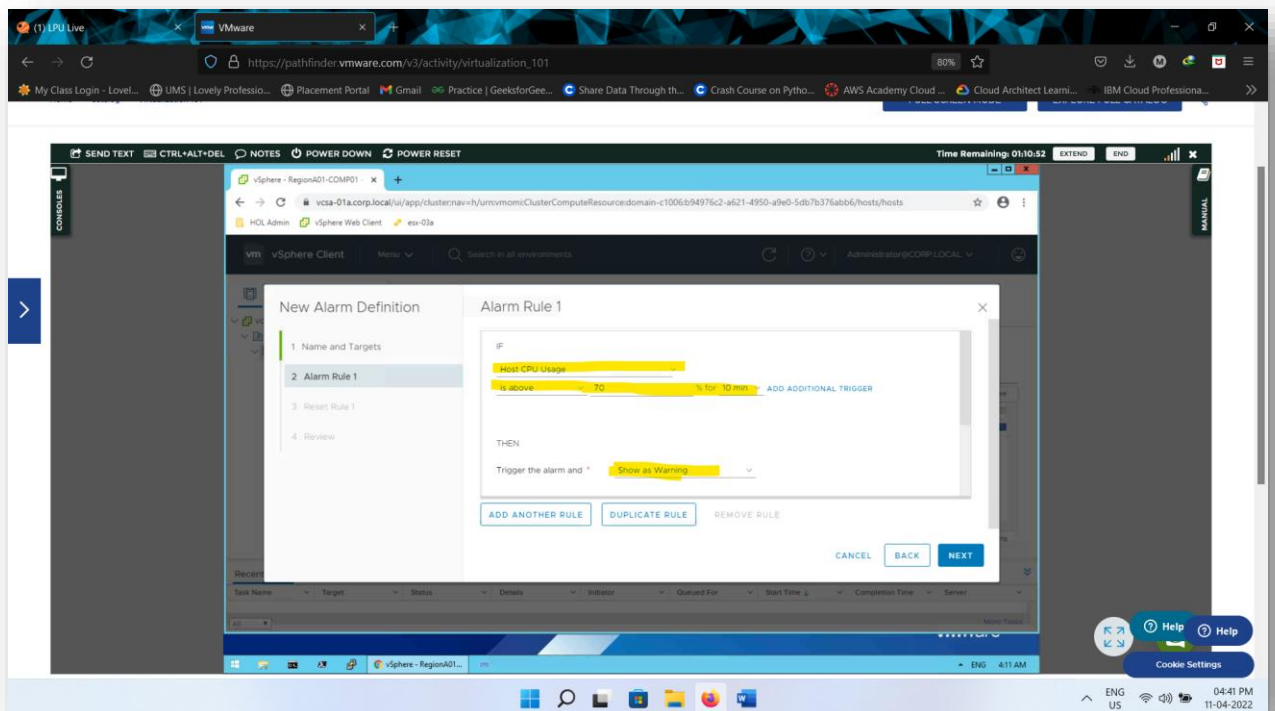
Roll: A22
Sec & Grp : K19APG1

Here we name this alarm as Alarm1 and selecting target Host and CPU.

And click next.



Here we select Condition, when to trigger the condition and resulting actions for same.

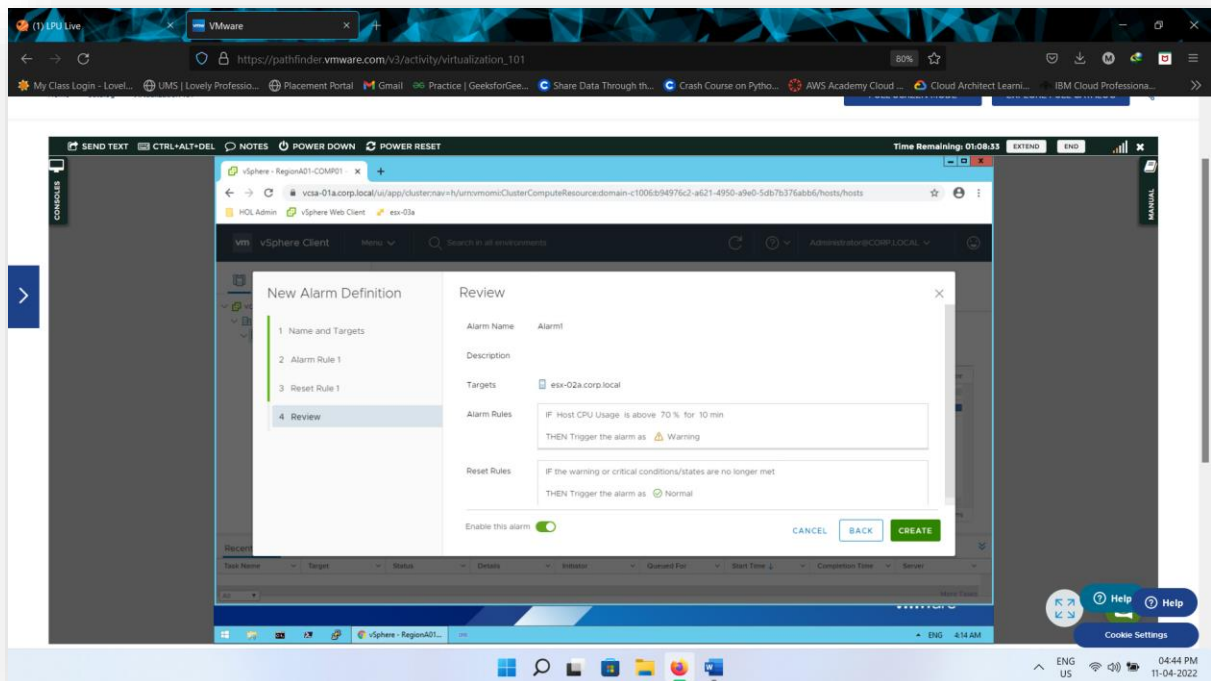


Name: Manikanta Rayala
Reg_No : 11914214

Roll: A22
Sec & Grp : K19APG1

Once you previewed everything, we click create.

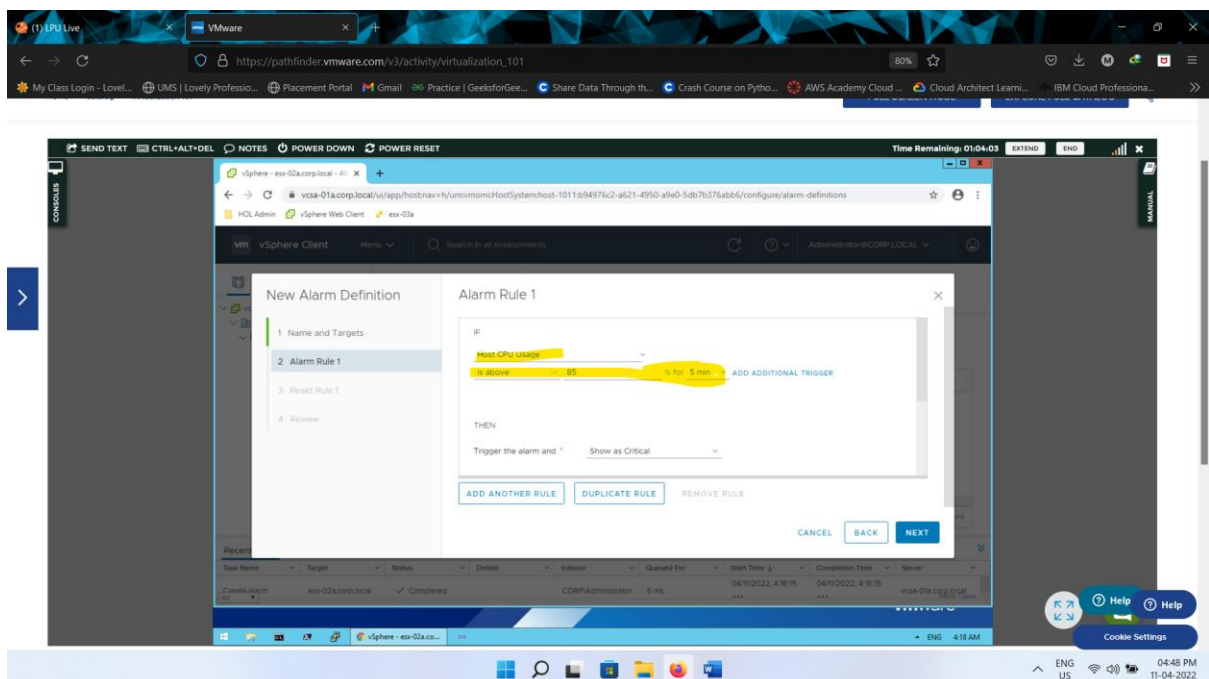
This will create a warning alarm when HOST CPU usage is above 70% for 10mins.



Similarly, we create new alarm for 2nd task, but there are some changes as per requirement which is shown as we go.

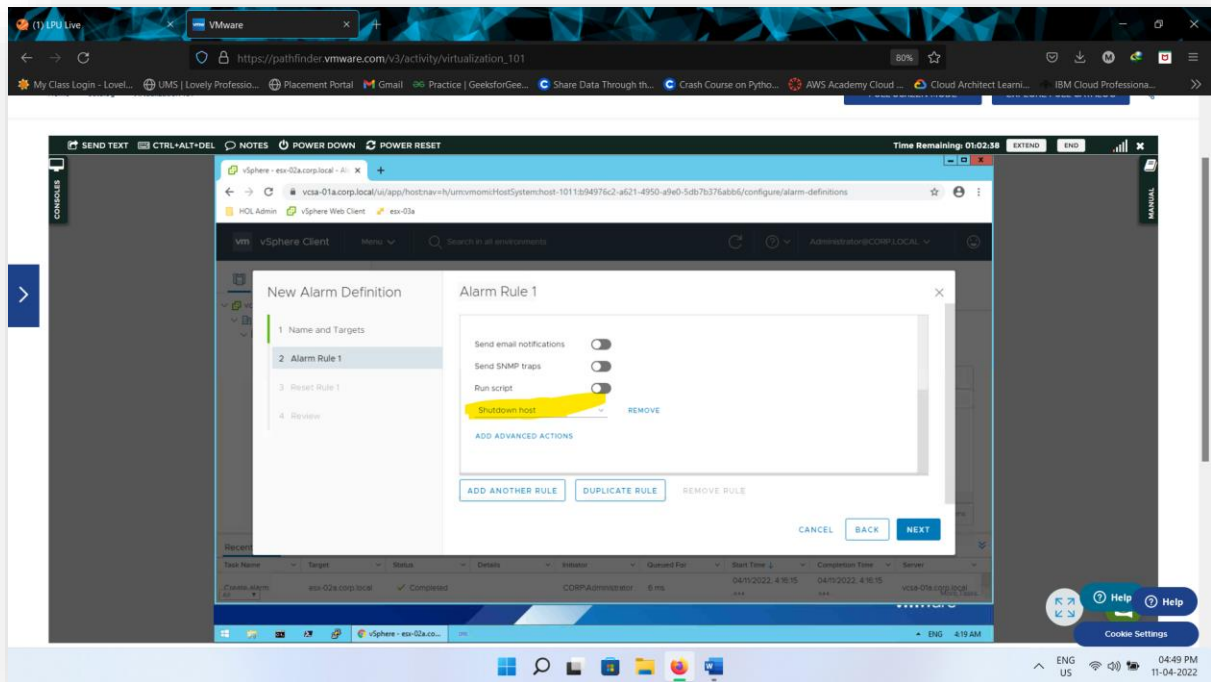
Repeating steps for Create Critical Alarm. Naming this as “Alarm2”.

And given necessary conditions along with advanced option to Shutdown the host.

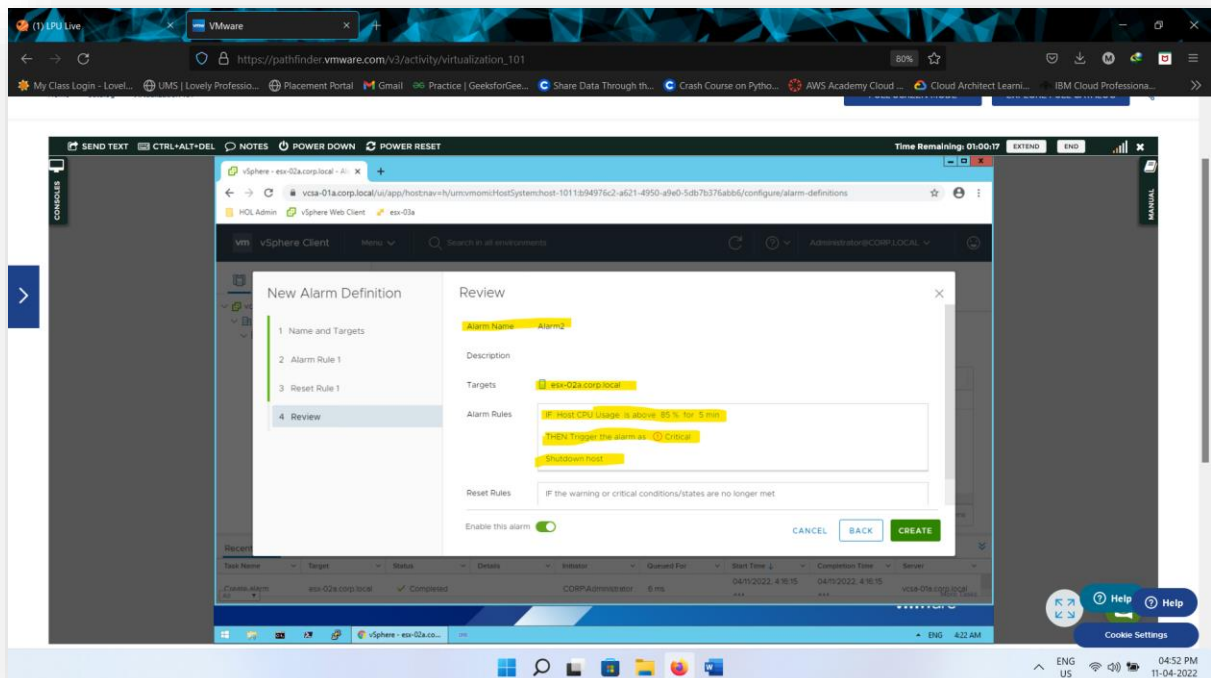


Name: Manikanta Rayala
Reg_No : 11914214

Roll: A22
Sec & Grp : K19APG1



Here we can see that we had given an instruction that when this warning triggers, CPU needs to be shutdown.



Hence clicking on create, creates this alarm with the conditions given.

We can also see if our alarms are created successfully, here.

Name: Manikanta Rayala
Reg_No : 11914214

Roll: A22
Sec & Grp : K19APG1

The screenshot displays the vSphere Client interface for the host `esx-02a.corp.local`. The left sidebar shows a tree view with the following structure:

- vcasa-01a.corp.local
 - RegionA01
 - esx-01a.corp.local
 - esx-02a.corp.local** (selected)
 - TinyLinux
 - TinyLinux2
 - Windows10

The main pane is titled "Alarm Definitions" and shows a table of configured alarms. The table has columns for "Alarm Name", "Object type", and "Defined In".

Alarm Name	Object type	Defined In
Trusted Infrastructure Host Not Co...	Host	vcasa-01a.corp...
Trusted Infrastructure Host Decom...	Host	vcasa-01a.corp...
Alarm1	Host	This Object
Alarm2	Host	This Object
Host IP Address Conflict Alarm	Host	vcasa-01a.corp...

Below the table, it indicates "1 - 7 of 46 items".

The bottom section shows "Recent Tasks" with a table of task history:

Task Name	Target	Status	Details	Initiator	Queued For	Start Time	Completion Time	Server
Create alarm	esx-02a.corp...	Completed		CORPAdministrator	5 ms	04/11/2022, 4:23:40	04/11/2022, 4:23:40	vcasa-01a.corp.local

The task "Create alarm" is marked as "Completed".