

Questions answered through chat window during session #5 on 09 Feb 2022

Question Asked	Answer Given
Can we put a container on a VM having GPU	Yes!
is the controller the resource manager?	Yes.
can we perform clustering steps on Windows based systems?	You can, but typically we use Unix based systems.
could you please explain the SLURM	
Difference between --nodes and --cpus-per-task? How does one determine which parameters to set to what value for a certain job?	It's subjective. It depends on the requirement the user has.
Is this cluster arrangement similar to IAaaS offering?	No, it is more of a Faas(Function as a service).
How do we get to know the 'Job Submission' parameters/options such as nodes, memory, tasks etc	You can use the describe command.
Silly Question, in case of HPC Cluster, Do we have access to nodes physically or they are access only virtually via some terminals?	We typically access it virtually through a terminal.
can we use scheduler into our personal computer	You can try a light-weight version on your home PC.
What is a daemon?	It is a computer program that runs as a background process.
sir how many jobs can be done with CPU nodes?	It depends on various factors like user quota, the resource availability. etc.
so we need to download the containers from dockers separately and then provide these containers to clusters	We can do that or use the already existing docker containers (if you don't require any additional packages).
Where would be the scheduler of the cluster nodes running?	Typically in the master node (controller).