

This poster shows the two components combined with V-CONDOR (a dynamic cloud resource management system) based on HTCondor.

- Permission controlling component is a component at the front of HTCondor. And it ensures the different resource groups getting the suitable jobs.
- Preemptable resource scheduler is a component maintaining a virtual resource queue. And it can preempt resources with a self-defined policy of priority FIFO.

Results shows the two components is effective. And it has been used in some experiments.