

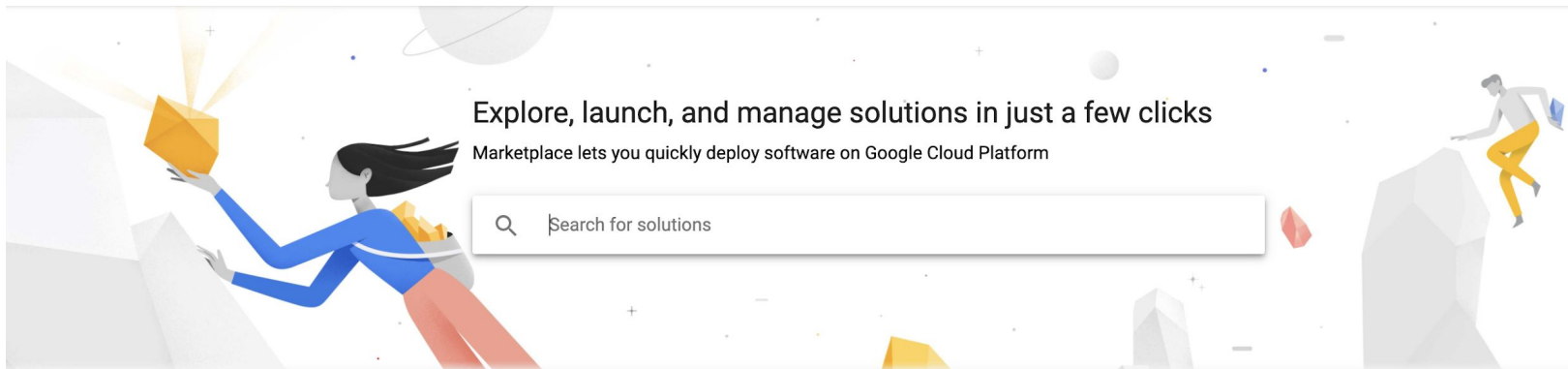


HTCondor GCP Marketplace

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Google Cloud Marketplace



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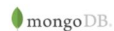


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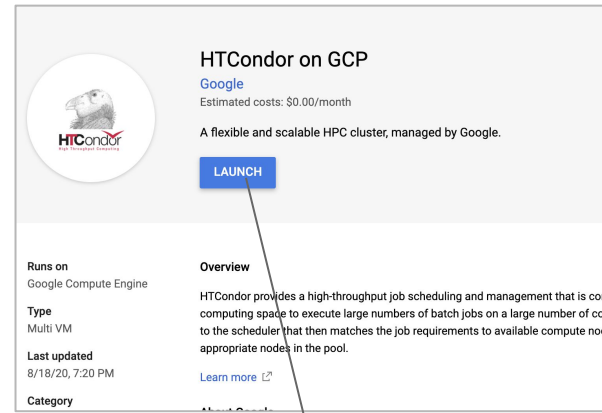
Why Google Cloud Marketplace

- Easy, guided interface to configure and deploy software
- No need to manually update config files
- You may be unfamiliar with Google Cloud concepts but you are familiar with HTCondor. Easily replicate HTCondor environment without needing to understand the details of Cloud upfront.

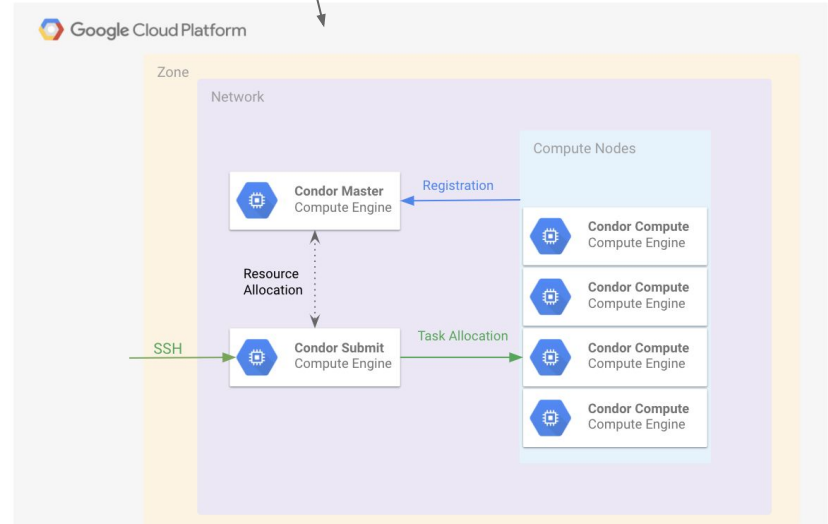
HTCondor on Google Cloud Marketplace

The HTCondor solution on the marketplace should set up a HTCondor pool on user's project.

User should be able to submit their jobs on the submit node and get the results.



The screenshot shows the Google Cloud Marketplace listing for HTCondor on GCP. It features the HTCondor logo, the product name "HTCondor on GCP", the Google logo, and the text "Estimated costs: \$0.00/month". A blue "LAUNCH" button is prominent. Below the button, there are sections for "Runs on" (Google Compute Engine), "Type" (Multi VM), "Last updated" (8/18/20, 7:20 PM), and "Category". An "Overview" section describes HTCondor as a high-throughput job scheduling and management solution. A "Learn more" link is also visible.



Default configuration

Support CentOS 7, HTCondor 8.8.1, Docker 19.03.12

The default deployment topology consists of 3 type of VMs and the firewall rules for the deployment nodes.

Condor Master Node.

Condor Submit Node.

Condor Compute Node. The compute node also supports GPUs

After deployment

- User can SSH into the submit VM
- Use `condor_status`
- Use `condor_submit`

