



## “Zombie Assassination.”

---

Our scientists on Mars have attempted to engineer an anti-zombie virus, to eradicate the zombies left on Earth. Since we now have several areas on Earth secured, we are ready to attempt to deliver the anti-zombie virus. The whole system, which we call the Zombie Assassin System is very complex. After vials of anti-zombie virus are sent to earth, robots will pack the virus into aerosol canisters which explode on impact and will be delivered by drones. The drones will then monitor the effects of the anti-zombie virus, and the virus will be modified by scientists on Mars as needed. This is the first step in winning the Earth back from the zombies.

Two sites will be selected to begin testing in Africa, and we will need to deploy new infrastructures to run the system. If successful, the Zombie Assassin System will later be expanded across the globe, and we will be able to start taking our planet back. You will be provided with two physical servers on Bare Metal Cloud, which you should think of as two different physical sites.



To allow the Zombie Assassin System to get off the ground, we will need you to do the following:

- Build a multi-tenant private cloud platform, with your platform of choice
- Illustrate deploying at least two virtual workloads of your choice with your orchestration tool of choice
- Describe updating and patching for both your cloud platform and virtual workloads
- Build an overlay network across the two physical servers

Be sure to keep resiliency in mind as you build your environment.

Please provide root credentials and details in order for our judges to access your environment as part of your submission.

Document submission is **due Monday August 10th at 9 AM Eastern Time.**

Email the final design to [eric@discoposse.com](mailto:eric@discoposse.com) for review. PDF is preferred.

**Good luck everyone!**