



Virtual Design Master - Challenge 3

The designs you have been working on through the first two challenges of this season have proven to solve many of the challenges faced by the Humanity Recovery Teams. We now have three sites running the HumanityLink software, and they have been secured. However, three sites will not be enough for long, as we begin to take more and more of the Earth back.

Some of the future sites slated for deployment have not yet been declared Zombie Free Zones, and are still considered dangerous. In addition, there are additional sites off-Earth being looked at for deployment. It is not always feasible to send a human team to do perform an infrastructure deployment for these reasons, and many others. We are also very short staffed, so the ability to perform centralized remote operations is also desired. Being able to deploy and manage the infrastructure and application in this manner is the next goal.

You must design and an environment to provision and manage your infrastructure. HINT: You may want to use open source products, but this is not a requirement or constraint. The design must include currently available products, it cannot utilize non-released features.

Choose and document how you will deploy and manage your infrastructure from the initial provisioning through to the continuous configuration management. Your submission must also include operations procedures for managing version control for your infrastructure and code. Every layer of your infrastructure from the cloud and virtualization layer up to the application must be included.

Practical walkthroughs and example code are valuable add-ons to your design document.

Document submission is **due Tuesday July 18th at 12 Midnight Eastern Time**. Email the final design to eric@discoposse.com for review. PDF is preferred.

Good luck everyone!