



Virtual Design Master - Challenge 2

We've examined how we can rebuild infrastructure from scratch, but now let's think outside the box, and inside the clouds. Before the zombie apocalypse began, many organizations were beginning to leverage public cloud infrastructures for a number of reasons. Some were using it for burst capacity, others for dev and test. Some startups even used public cloud for everything! Our billionaire philanthropist from Season 1 is a huge fan of public cloud, and was one of the early adopters. His task for you now is to design an environment to meet our needs using any existing public cloud infrastructure to run it on top of. Be sure to let him know why you picked this particular public cloud infrastructure, as if he's going to re-create it on Mars, he wants to make sure he's making the best choice.

Now for the fun part. We talked about a number of business critical applications in the first challenge. You must deploy one web application (think the time tracking application for the botanists in the greenhouses) and one business critical enterprise application (think life support systems) inside the public cloud infrastructure. As part of your design, you must state what the application requirements you are using are. Remember to think about things like performance, capacity, latency, and high availability. In this case, complexity can be your enemy, but the details can be your friend. Besides your overall design, you will also be judged on the application requirements you develop.

Document submission is **due Monday July 13th at 11 AM Eastern Time.**

Email the final design to eric@discoposse.com for review. PDF is preferred.

Good luck everyone!