

California State University San Bernardino  
School of Computer Science and Engineering

**CSE 482 Senior Project Presentation**

**Date**

June 16, 2016

**Time**

11:00 AM

**Place**

JBH-359

**Title**

Continuation of support for CSE 360, 365, 366 cloud computing using PowerCLI , Kerberos and SSSD with Active Directory.

**Students**

Kelsey Merline  
Irving De Jesus

**Advisor**

Dr. Kerstin Voigt

**Abstract**

The Winter 2016 quarter marked the successful continuation of the VMWare ESXi cloud computing project by Ben Lor, Fernando Alonso and Joshua Dunham for Professor Ken Han's CSE courses (360, 365 and 366). In order to further support Professor Han's courses and ensure the availability and sustainability of the cloud computing environment, several solutions were implemented:

- Providing Active Directory authentication to a Linux based server.
- The inclusion of VMware vSphere PowerCLI for managing, automating, and handling lifecycle operations for VMware vSphere components

We will discuss the implementation of these solutions for supporting Prof. Han's courses.