

California State University San Bernardino
School of Computer Science and Engineering

CSE 482 Senior Project Presentation

Date

03/24/2016

Time

3:30pm

Place

JB 360

Title

Supporting CSE 360, 365, and 366 with Active Directory, FreeNAS iSCSI, Nagios and MediaWiki

Students

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Advisor

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Abstract

The Winter 2016 quarter marked the successful implementation of the VMWare ESXi cloud computing project, by Benjamin Michael and Anthony Strey, for Ken Han's CSE courses (360, 365 and 366) allowing students to complete their coursework more quickly and efficiently than previously. In order to further support Ken Han's class and ensure the availability and sustainability of the cloud computing environment several solutions must be implemented. This project will focus on the use of Active Directory for authentication and user management, Nagios system monitoring, FreeNAS iSCSI storage, and a private documentation Wiki to achieve these goals. We will discuss the implementation of these solutions for supporting Ken Han's CSE 360, 365, and 366 courses.