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Cloud Bursting and Cube Processing

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Title: Cloud Bursting and Cube Processing

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Difficulty: Hard

Specialization: Computer Architecture

If other, please specify:

Most Appropriate Course: Project II

Brief Description: Build and configure cloud bursting solutions

Number of students needed: 2

Outcomes and Deliverable: Implemented and tested cloud bursting solutions

Skills Required: Computer Architecture, Python Programming, Network Infrastructure

Available Resources:

Program Goal:
CISC 1.4: Deploy Solution CISC 2.2: Software Platform, CISC 2.3: Networking CISC 4.1: Written Communication CICS 5.1: Collaborative Work Practices

Student Learning Outcomes:
1a: The student should be able to analyze a problem in a manner that facilitates the design of its solution. 1b: The student should be able to apply relevant principles of computing during their analysis of a problem. 2a: Student is able to create a formal software design based on a given
set of requirements., 2b: Student is able to develop a software solution from a formal design specification., 5b: Ability to collaborate as an effective team member.