**This lab will help you understand some of the complexity involved in enabling a Cloud Management Platform.  
One of the phrases we are hearing is "multi-cloud."  It is rare that a single cloud provider can give a consumer the best (service and value) of all things.  So, consumers use storage from one provider, and loadbalanced web servers from a second.  Managing all of that can be a problem.**

**In this lab, you will explore one way Cloudstack enabled their API interface to accept Amazon-style commands.**

[Install the software](https://wcc.instructure.com/courses/2380482/files/231925533?wrap=1)

[Actions](https://wcc.instructure.com/courses/2380482/assignments/30850809?module_item_id=76954389)

[Configure Cloudstack and Amazon endpoints](https://wcc.instructure.com/courses/2380482/files/231925931?wrap=1)

[Actions](https://wcc.instructure.com/courses/2380482/assignments/30850809?module_item_id=76954389)

Deliverables[3 Deliverables-23.docx](https://wcc.instructure.com/courses/2380482/files/232388092?wrap=1)

[Actions](https://wcc.instructure.com/courses/2380482/assignments/30850809?module_item_id=76954389)

**When you configure the Amazon endpoint, you may use the instructor's personal Amazon space.  Please be kind.  The keys you need are in this text file...**

[**Amazon keys**](https://wcc.instructure.com/courses/2380482/files/228728985?wrap=1)[Download Amazon keys](https://wcc.instructure.com/courses/2380482/files/228728985/download?download_frd=1)

**If you have trouble finding the admin user when configuring Cloudstack -- here is a video**

[Finding the admin user (to generate keys)Links to an external site.](https://whatcom.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=7e3eb3a4-3867-4b9c-b261-af2a01416928)

**Complete the deliverables and upload the document in fulfillment of the lab.**