



Contribution ID: 432

Type: **Poster presentation**

## Automated Cloud Provisioning Using Puppet & MCollective

*Monday, October 14, 2013 3:00 PM (45 minutes)*

Public clouds are quickly becoming cheap and easy methods for dynamically adding more computing resources to your local site to help handle peak computing demands. As cloud use continues to grow, the HEP community is looking to run more than just simple homogeneous VM images, which run basic data analysis batch jobs. The growing demand for heterogeneous server configurations demands better provisioning systems that can quickly and automatically instantiate various service VMs. In this paper, we discuss how we extend our local Puppet configuration management system to help us easily provision various service instances using the Marionette Collective framework.

**Primary author:** SMITH, Jason Alexander (Brookhaven National Laboratory (US))

**Presenter:** SMITH, Jason Alexander (Brookhaven National Laboratory (US))

**Session Classification:** Poster presentations

**Track Classification:** Distributed Processing and Data Handling A: Infrastructure, Sites, and Virtualization