

Rice University

Project Overview:

This project will be focusing on three areas:

- Building and documenting how we built a docker environment to run the components in a high availability, load balanced production environment
- Understanding and documenting how to customize the dockerized Grouper and Shibboleth components for our requirements
- Building and documenting a full TIER testbed to serve as the development point for further integration work.

Key Area(s) of Interest:

- Shibboleth IdP and SP
- Grouper Access Management Software
- Entity Registry, such as midPoint

Organization Summary:

Rice University, established in 1912, is a private (R1) research university located on a 295-acre campus in Houston, Texas. With a focus on undergraduate education, Rice maintains a student to faculty ratio of 6:1 with a median class size of 15. About 65% of undergraduates participate in research during their time at Rice. Rice has a population of 3879 undergraduate and 2861 graduate degree-seeking students along with 671 full-time and 210 part-time instructional faculty and around 2300 full and part-time staff. Rice offers degrees in the schools of Architecture, Business, Continuing Education, Engineering, Humanities, Music, Natural Sciences, and Social Sciences.

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Resources

[Project Plan](#)

Blogs: [Rice University Explores Container Management](#)

[Internal Planning Documentation](#)

[Case Study](#)

[TechEx Presentation](#)