

## 1. Develop and Deploy a Testbed Portal

The goal of this task is to develop a new online Testbed environment that is more visible and easily accessible for users, and also more configurable and usable for Testbed Task developers. The new Testbed Portal will provide Testbed developers with an environment to host their functionality. The portal will be accessible for all ESIP members to interact with hosted Testbed activities and provide comments and feedback on the demonstrated technologies. With this goal in mind, we request proposals that focus on the following objectives with respect to a new Testbed environment. The Testbed environment should be compatible with the new ESIP portal, which is built on the Drupal CMS. A **Drupal-based portal** should be developed and deployed that hosts the various funded activities and supports other activities, as deemed appropriate by the Testbed Configuration Board. Access controls on the portal will be configured to provide controlled access for developers and testers while at the same time providing public access for users and other participants. Design of the Testbed environment must be presented and approved by a joint review by the ESIP Drupal Cluster and Testbed Configuration Board. For sustainability, the Drupal implementation should focus on off-the-shelf Drupal components that have been tested and deemed compliant with Drupal Version 6. The Testbed Configuration Board will manage long-term maintenance and configuration of the Testbed portal.

*ESIP Community Benefits:* Better accessibility of the ESIP Federation Testbed.

*Cost:* \$5K to develop, test, and deploy the Testbed portal.