SPI-1: Resource integration console

An **XSEDE SP representative** wants to access a console that allows him/her to view the up-to-date status of all XSEDE system integration steps for a specific resource. If authorized, he/she will also be able to change the status for any integration step.

In most cases, the **XSEDE SP representative** wants to experience it like the following steps. We assume that the SP representative has already established an XSEDE identity and has been authorized by XSEDE personnel to view (and possibly manage) the integration console for one or more resources.

1. First, the SP representative opens a web browser and navigates to XSEDE's Service Provider management site.
2. Then, if the SP representative isn't already authenticated with XSEDE, the representative clicks the "login" link (or equivalent) and authenticates to XSEDE.
3. Then, the SP representative selects the resource of interest from a list.
4. Then, the SP representative views a dashboard-style display that shows all required and optional system integration steps for the resource, including the current status for each. If the SP representative is authorized to manage the console, an "Edit" link is displayed next to each step.
5. Finally, if the SP representative clicks an "Edit" link, he/she will be presented with a user interface to edit the status details for that step. The details of the user interface will vary depending on what choices are available to the SP for the given step.

It'll always be like that, except when the SP representative hasn't previously associated him/herself with the resource, in which case Step 3 won't list the resource. The representative will need to click "Add a resource" or something like that to file a request to associate his/her identity with the resource, and the request will be submitted for approval by XSEDE staff.

If the SP representative has never associated him/herself with any SP resource, the SP management site may not allow him/her to access the site in Step 2. In this case, the representative will need to submit an XSEDE help desk ticket requesting access to the SP management site.

We'll take any solution, as long as the following are true.

1. Step 2 should follow a normal XSEDE authentication process.
2. The integration steps displayed in Step 4 should be based on an official/canonical set of steps for all resources, though it can be customized for the specific resource and the current status of the resource. E.g., there might be different steps for different classes of resources (e.g., storage vs. HPC vs. cloud), different SP levels (L1, L2, L3, etc.), and

previous decisions entered into the system about the resource (e.g., accepting or declining optional integration steps).

3. In Steps 4 and 5, the interface should provide links for further information/actions for each integration step. E.g., description, documentation, registry data, decisions that need to be made.