


UC 1 - Application workload size requires as many resource as possible (AS-IS)

Users	Actions	Objectives	Systems
	<p>Activate credentials for all systems that user has access to</p>	<p>Allow job submission / file transfer to remote systems</p>	<p>XSEDE myproxy server, X.509 proxies, SSH keys, etc</p>
	<p>Deploy application 'kernel' and data on resources</p>	<p>Set-up job execution environment</p>	<p>(federated) shared filesystems, scp, gridftp, Globus-Online, iRODS</p>
	<p>Create batch-scripts for each resource</p>	<p>Map application workload to resources</p>	<p>LSF, PBS, TORQUE, ...</p>
	<p>Run and monitor job execution across all resources</p>	<p>Make sure application workload executes without errors</p>	<p>queuing system cmd-line tools (e.g., qstat)</p>