Grouper generic provisioner UI tasks

These tasks generally use the provisioner logic (to see if things are applicable), and the "sync" tables to get the data to show on screen. The new provisioning attributes will be used when assigning folders or groups as provisionable. The existing provisioning attribute screens will be merged into these new screens. Grouper messages will be used to tell the daemon to do provisioning tasks. See design here.

Task	Subtask	Description	Date	Status
Overall provisioner list		UI screen that displays provisioners		Done
	Most recent jobs	Display the most recent jobs (full, incremental, etc), number of records in queue		Later
	Estimated time to completion			Later
	Stats	Number of objects provisioned (users, groups, memberships)		Later
	Errors	Error count		Later
	Security	Need to be grouper admin or readonly admin or in a provisioning managers group (one group for grouper, auto created)		Later
	Auditing	All provisioning actions should be audited		Later
Overall provisioner		Main screen for provisioner Make a link from the configId to go to this screen		Done
	Details	Details of above. Include number of records skipped for processing		Done
	Display errors	Display which objects have errors and what the error is. Only show the first 200 errors		Later
	Run full sync	If applicable. Send message based on options: • if synchronous / asynchronous (if applicable) • if clear out subject API (if applicable) • if clear out user/group link (if applicable)		Run full sync is done without clearing out subject/user/group
	Fix errors (if errors)	Send message to fix errors		Later
	Provisioned groups			Later
	Provisioned users			Later
	Edit provisioner	Link to provisioner configuration		Done
	Daemon config buttons	Links to any daemons for this provisioner		Later
Folder provisioning		Show all provisioners applicable to this folder		Done
	Add / remove provisioner	Might already be done		Done
	Assign specific provisioning location			Later
	Stats			
	Errors	Error count		
	Security	If has inherited ADMIN on folder then can see screen		
Folder provisioner		Folder screen for provisioner		
	Details	Details of above, Number of objects provisioned (users, groups, memberships)		
	Display errors	Display which objects have errors and what the error is. Only show the first 200 errors		
	Run folder sync	If applicable. Send message based on options: • if synchronous / asynchronous (if applicable)		Later

	Fix errors (if errors)	Send message to fix folder errors		Later
Group provisioning		Show all provisioners applicable to this group		
	Add / remove provisioner	Might already be done		
	Assign specific provisioning location			LATER
	Stats			
	Errors	Error count		
	Security	If has group READ then can see screen. If has UPDATE on group then can click provisioning fixing buttons		
Group provisioner		Group screen for provisioner		
	Details	Details of above, if provisioned, when, Number of objects provisioned (users, memberships)		
	Display errors	Display which objects have errors and what the error is. Only show the first 200 errors		
	Run group sync	If applicable. Send message based on options: • if synchronous / asynchronous (if applicable)		Later
	Fix errors (if errors)	Send message to fix group errors		Later
Subject provisioning		Show all provisioners applicable to this subject		
	Stats			
	Errors	Error count		
	Security	Need to be grouper admin or readonly admin or in a provisioning managers group (one group for grouper, auto created)		
Subject provisioner		Subject screen for provisioner		
	Details	Details of above, if provisioned, when Number of objects provisioned memberships		
	Display errors	Display which objects have errors and what the error is. Only show the first 200 errors		
	Run user sync	If applicable. Send message based on options: • if synchronous / asynchronous (if applicable)		Later
	Fix errors (if errors)	Send message to fix user errors		Later
Membership provisioning		Show all provisioners applicable to this subject		
	Stats	If provisioned, and when		
	Error?	If error		
	Security	If has group READ then can see screen. If has UPDATE on group then can click provisioning fixing buttons		
Membership provisioner		Subject screen for provisioner		
	Details	Details of above		
	Display error	Display specific error		
	Run membership sync	If applicable. Send message		Later