|  |  |
| --- | --- |
| Use Case Description | Slurm Create Batch Run |
| Actors | Fabric Manager, Administrator, Compute nodes, Fabric Endpoints, Ethernet Network |
| Description | Build out Nodes and topology for an HPC Batch Run |
| Normal Flow | * Batch run submitted to Slurm * Init Spank plugin * Spank extension sets up Allocator context * Set up logging for connection * Get node list values—node\_list array * Correlate node\_list with endpoints * Provide routes to nodes * Run batch job * Fini * Exit job |
| Alternate Flow 1 | * Batch run submitted to Slurm * Init Spank plugin * Spank extension sets up Allocator context * Set up logging for connection * Get node list values—node\_list array * Correlate node\_list with endpoints * Provide routes to nodes * Spank detects error * Log error * Report Errot * Exit job |