|  |  |
| --- | --- |
| Use-Case Description | Composability Manager---Create Resource Vertex |
| Actors | Composability Manager, Janusgraph database, Resource Control Operations, Resource Events Framework, Composition Policies, Authorization Block |
| Description | Add a resource to the graph database with Sunfish details, as a graph Vertex |
| Input Data | ResourceID, ComposerID, MessageID, resource, description, severity, proposed resolution, resource connections, path, tenancy, security value, security association |
| Pre Conditions | Composability Manager is running, Janusgraph database is running, Sunfish service is running |
| Post Conditions | A resource vertex is added to the graph database |
| Trigger | Call is made for a new graph database resource addition |
| Normal Flow | * Gather resource name and input data details * g.addV(‘resource’,).property((‘ComposerID’,0),   (‘MessageID’),0),(‘severity’,0),(‘proposed resolution’),‘proposed resolution’’),(’resource connections’,’resource connections’),(‘path’,’path’),(‘tenancy’,’tenancy’),  (‘security value’,’security value’),(‘security association’,’security association’))   * return success |
| Alternate Flow 1 |  |
| Alternate Flow 2 |  |
|  |  |