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| Use-Case Description | Composability Manager—Gather Network Congestion Metrics |
| Actors | Composability Manager, Sunfish Services, Janusgraph database |
| Description | Return congestion metrics for a requested edge of a requested ResourceId |
| Input Data | ResourceID, EdgeID |
| Pre-Conditions | Janusgraph database is running, Sunfish service is running, Resource is operational, Resource Agent is connected |
| Post Conditions | Network congestion metric for the requested edge of the requested Resource is returned |
| Trigger | Call is made to request Network Congestion Metrics for a given edge of a given resource |
| Normal Flow | • g.V().hasLabel(‘ResourceID’,EdgeID).values(’MessageID’, ‘resource’, ‘edge’,)  • return network congestion metrics  • return success |
| Alternate Flow 1 |  |
| Alternate Flow 2 |  |