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| Use-Case Description | Composability Manager---Create Resource Edge |
| 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 Edge |
| Input Data | ResourceName,ComposerID’,ConnectionType,ConnectionVersion,LinkSpeed,Manufacturer,FECN,BECN,PerformanceIssues,BytesTransmitted,BytesReceived,TransmitDiscards,TransmitPackets,ReceivePackets,LinkSpecificRecoveryFlags,QueueBufferOverrun,LinkCharacteristic1,LinkCharacteristic2,LinkCharacteristic3,LinkCharacteristic4,LinkCharacteristic5,LinkCharacteristic6’,LinkCharacteristic7’,‘LinkCharacteristic8,LinkCharacteristic9’,LinkCharacteristic10,Message,MessageID,ProposedResolution,ResourceLocationPath,Tenancy,SecurityValue,SecurityAssociation |
| Pre Conditions | Composability Manager is running, Janusgraph database is running, Sunfish service is running |
| Post Conditions | A resource edge is added to the graph database |
| Trigger | Call is made for a new graph database resource additions |
| Normal Flow | * Gather resource name and input data details * g.V(4136).addE('Nic 1 LID Nic 2 LID').to(\_\_.V(4272))..property(‘ResourceName’,’ResourceName’).property(‘ComposerID’,’ComposerID’).property(‘ConnectionType‘,‘ConnectionType’).property(ConnectionVersion,ConnectionVersion’) .property(‘LinkSpeed’,’LinkSpeed’).property(‘Manufacturer’,’Manufacturer’).property(‘FECN’,’FECN’) .property(‘BECN’,’BECN’).property(‘PerformanceIssues’,’PerformanceIssues’) .property(‘BytesTransmitted’,’BytesTransmitted’).property(‘BytesReceived’,‘BytesReceived’).property(TransmitDiscards’,’TransmitDiscards’).property(TransmitPackets’,’TransmitPackets’).property(‘ReceivePackets’,’ReceivePackets’).property(‘LinkSpecificRecoveryFlags’,’LinkSpecificRecoveryFlags’).property(‘QueueBufferOverrun’,’QueueBufferOverrun’).property(‘LinkCharacteristic1’,‘LinkCharacteristic1’).property(‘LinkCharacteristic2’.‘LinkCharacteristic2’).property(‘LinkCharacteristic3,‘LinkCharacteristic3’).property(‘LinkCharacteristic4‘,‘LinkCharacteristic4’).property(‘LinkCharacteristic5‘,’LinkCharacteristic5’).property(‘LinkCharacteristic6’,‘LinkCharacteristic6’).property(‘LinkCharacteristic7’,‘LinkCharacteristic7’).property(‘LinkCharacteristic8’,‘LinkCharacteristic8’).property(‘LinkCharacteristic9’,‘LinkCharacteristic9’).property(‘LinkCharacteristic10’,‘LinkCharacteristic10’).property(‘Message’,’Message’).property(‘MessageID’,’Message ID’).property(‘ProposedResolution’,‘Proposed Resolution‘).property(‘ResourceLocationPath’,’Resource Path’).property(‘Tenancy‘,‘Tenancy’).property(‘SecurityValue’,’Security Value’).property(‘SecurityAssociation’,’Security Association’) * return success |
| Alternate Flow 1 |  |
| Alternate Flow 2 |  |
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