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 */

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//Network Admin rules
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rule NetworkAdminUser {
    description: "Grant business network administrators full access to user resources"
    participant: "org.hyperledger.composer.system.NetworkAdmin"
    operation: ALL
    resource: "*"
    action: ALLOW
}

rule NetworkAdminSystem {
    description: "Grant business network administrators full access to system resources"
    participant: "org.hyperledger.composer.system.NetworkAdmin"
    operation: ALL
    resource: "org.hyperledger.composer.system.*"
    action: ALLOW
}

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// Rules applicable to Exporters
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rule ExporterAccessOwnContract{
    description: "Exporters can access their own contracts"
    participant(m): "org.reliance.network.Exporter"
    operation: READ
    resource(v): "org.reliance.network.Contract"
    condition: (v.owner.getIdentifier() == m.getIdentifier())
    action: ALLOW
}

rule ExporterCannotAccessOthersContracts{
    description: "Exporters cannot access other exporters contracts"
    participant: "org.reliance.network.Exporter"
    operation: READ
    resource: "org.reliance.network.Contract"
    action: DENY
}

rule ExporterAccessOwnShipments{
    description: "Exporter can access their own shipments"
    participant(m): "org.reliance.network.Exporter"
    operation: READ
    resource(v): "org.reliance.network.Shipment"
    condition: (v.owner.getIdentifier() == m.getIdentifier())
    action: ALLOW
}

```

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}

rule ExporterCannotAccessOthersShipments{
  description: "Exporter cannot access other exporters shipments"
  participant: "org.reliance.network.Exporter"
  operation: READ
  resource: "org.reliance.network.Shipment"
  action: DENY
}

// Rules applicable to Importers

rule ImporterAccessOwnContract{
  description: "Importer can access their own contracts"
  participant(m): "org.reliance.network.Importer"
  operation: READ
  resource(v): "org.reliance.network.Contract"
  condition: (v.owner.getIdentifier() == m.getIdentifier())
  action: ALLOW
}

rule ImporterCannotAccessOthersContracts{
  description: "Importer cannot access other importers contracts"
  participant: "org.reliance.network.Importer"
  operation: READ
  resource: "org.reliance.network.Contract"
  action: DENY
}

rule ImporterAccessOwnShipments{
  description: "Importers can access their own shipments"
  participant(m): "org.reliance.network.Importer"
  operation: READ
  resource(v): "org.reliance.network.Shipment"
  condition: (v.owner.getIdentifier() == m.getIdentifier())
  action: ALLOW
}

rule ImporterCannotAccessOthersShipments{
  description: "Importers cannot access other importers shipments"
  participant: "org.reliance.network.Importer"
  operation: READ
  resource: "org.reliance.network.Shipment"
  action: DENY
}

// Rules applicable to Shippers

rule ShipperAccessOwnContract{
  description: "Shipper can access their own contracts"
  participant(m): "org.reliance.network.Shipper"
  operation: READ
  resource(v): "org.reliance.network.Contract"
  condition: (v.owner.getIdentifier() == m.getIdentifier())
  action: ALLOW
}

rule ShipperCannotAccessOthersContracts{

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description: "Importer cannot access other shippers contracts"
participant: "org.reliance.network.Shipper"
operation: READ
resource: "org.reliance.network.Contract"
action: DENY
}
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```
rule ShipperAccessOwnShipments{
  description: "Shippers can access their own shipments"
  participant(m): "org.reliance.network.Shipper"
  operation: READ
  resource(v): "org.reliance.network.Shipment"
  condition: (v.owner.getIdentifier() == m.getIdentifier())
  action: ALLOW
}
```

```
rule ShipperCannotAccessOthersShipments{
  description: "Shippers cannot access other shippers shipments"
  participant: "org.reliance.network.Shipper"
  operation: READ
  resource: "org.reliance.network.Shipment"
  action: DENY
}
```