OSM - Ali Revision 1.xmi

Total Number of Threats Detected: 5/6

Spoofing (1)

Unmitigated Threats: 0

Potentially Mitigated Threats: 1

- Valid Accounts ([T1078](#))

Mitigated Threats: 0

Tampering (1)

Unmitigated Threats: 1

- Indicator Removal ([T1070](#))

Potentially Mitigated Threats: 0

Mitigated Threats: 0

Repudiation (1)

Unmitigated Threats: 0

Potentially Mitigated Threats: 0

Mitigated Threats: 1

- Access Token Manipulation ([T1134](#))

Information Disclosure (1)

Unmitigated Threats: 0

Potentially Mitigated Threats: 0

Mitigated Threats: 1

- Adversary-in-the-Middle ([T1557](#))

Denial Of Service (1)

Unmitigated Threats: 0

Potentially Mitigated Threats: 1

- Denial of Service ([T0814](#))

Mitigated Threats: 0

BSP Vector: < (0.84, 0.26), 7.83 >

CERI Values for Detection Elements:

- **Customer Login Request (SendSignalAction)**
  - Worst-case CERI: 0.0, Best-case CERI: 0.0
- **Customer Login Request (AcceptEventAction)**
  - Worst-case CERI: 1.33, Best-case CERI: 0.0
- **Log Login Request (OpaqueAction)**
  - Worst-case CERI: 1.5, Best-case CERI: 0.5
- **ServerEventLog (DataStoreNode)**

- - Worst-case CERI: 1.0, Best-case CERI: 0.5
- **Login Information (SendSignalAction)**
  - Worst-case CERI: 0.67, Best-case CERI: 0.67
- **Login Information (AcceptEventAction)**
  - Worst-case CERI: 1.5, Best-case CERI: 0.5
- **Sanitize Data (OpaqueAction)**
  - Worst-case CERI: 1.5, Best-case CERI: 0.5
- **CustomerDatabase (DataStoreNode)**
  - Worst-case CERI: 1.0, Best-case CERI: 0.5
- **Request Customer Information (OpaqueAction)**
  - Worst-case CERI: 1.0, Best-case CERI: 1.0
- **DecisionNode1 (DecisionNode)**
  - Worst-case CERI: 0.0, Best-case CERI: 0.0
- **DecisionNode1 (DecisionNode)**
  - Worst-case CERI: 0.0, Best-case CERI: 0.0
- **Encrypt Data (OpaqueAction)**
  - Worst-case CERI: 0.0, Best-case CERI: 0.0
- **MergeNode1 (MergeNode)**
  - Worst-case CERI: 0.0, Best-case CERI: 0.0
- **Customer Information (SendSignalAction)**
  - Worst-case CERI: 0.0, Best-case CERI: 0.0
- **Customer Information (AcceptEventAction)**
  - Worst-case CERI: 2.0, Best-case CERI: 0.0
- **Validate Customer Information (OpaqueAction)**
  - Worst-case CERI: 2.0, Best-case CERI: 0.0

Total Number of Flows Detected: 12

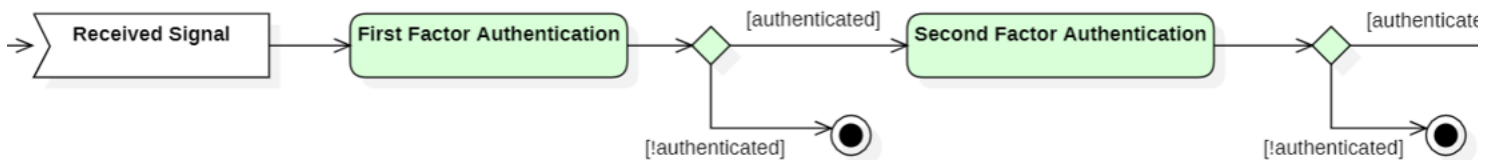## Has DataSanitizer Object? True

Mitigation Suggestions:

Spoofing Mitigation Suggestions

Dubhe detected that your system may be susceptible to the threat of **Valid Accounts** (T1078).

To help mitigate against this threat, we recommend the mitigation named **Account Use Policies** (M1036).

To give you an example of how that might look in a UML activity diagram, please see the example image below (of note the mitigation elements are coloured green):
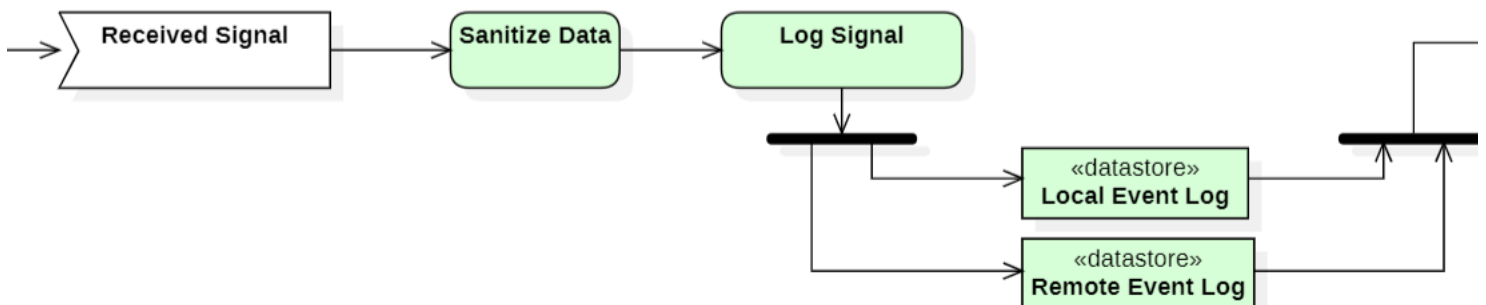

Tampering Mitigation Suggestions

Dubhe detected that your system may be susceptible to the threat of **Indicator Removal** (T1070).

To help mitigate against this threat, we recommend the mitigation named **Remote Data Storage & Data Sanitization** (M1029).

To give you an example of how that might look in a UML activity diagram, please see the example image below (of note the mitigation elements are coloured green):

Denial Of Service Mitigation Suggestions

Dubhe detected that your system may be susceptible to the threat of **Denial of Service** ([T0814](#)).

To help mitigate against this threat, we recommend the mitigation named **Filter Network Traffic** ([M1037](#)).

To give you an example of how that might look in a UML activity diagram, please see the example image below (of note the mitigation elements are coloured green):