

Detailed Auditing Policy Usage Scenarios for Policy Manager

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Detailed Auditing Policy Usage Scenarios (Policy Manager-specific)

This document provides a list of Policy Manager-specific usage scenario for the *Detailed Auditing Policy*.

Audit Entire Message and Message Metrics

Audit entire message and message metrics of each exchange in usage logs of *Monitoring* tab.

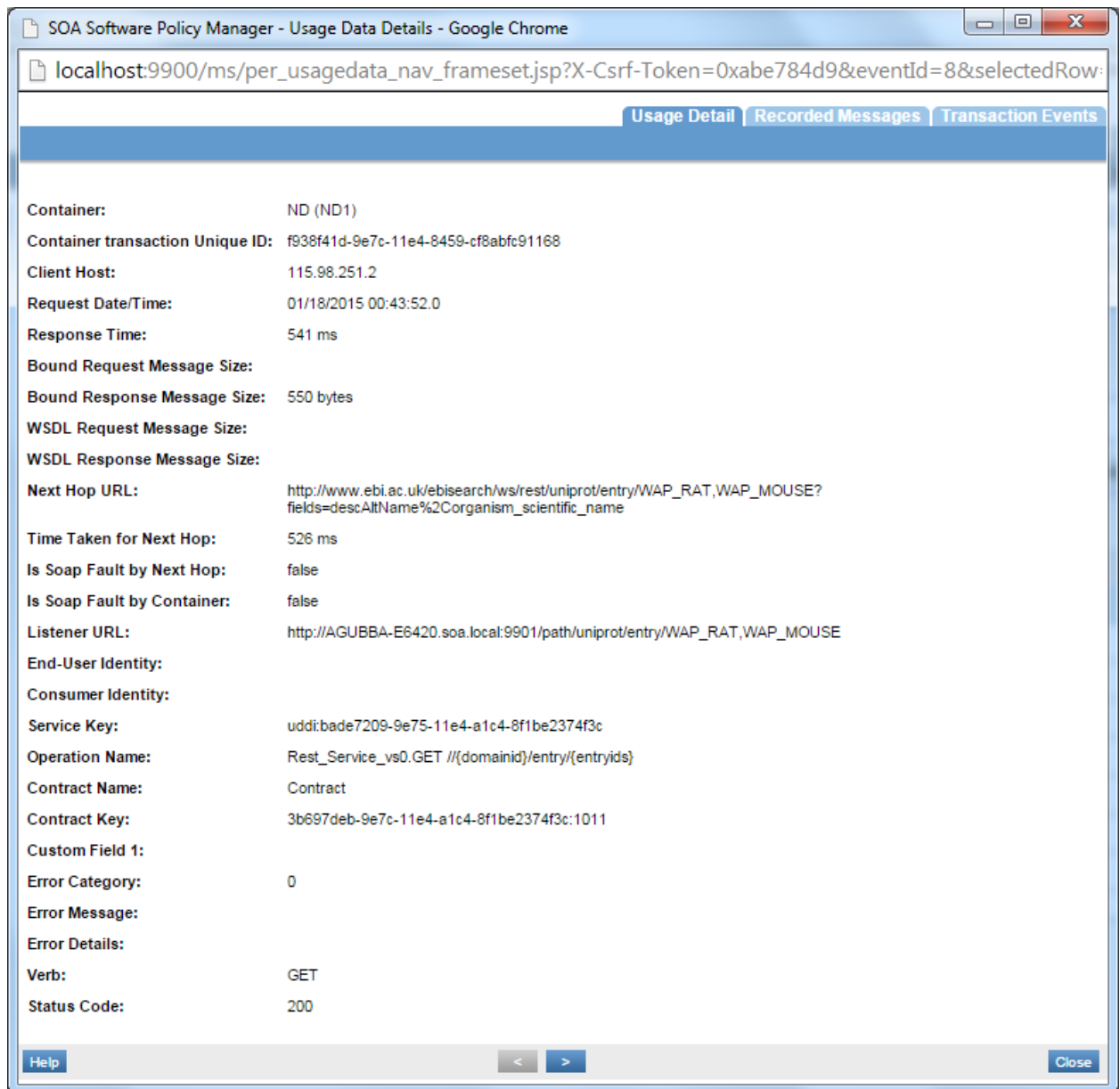
- 1 Create a physical service in *Policy Manager Management Console* using **Create Physical Service**.
- 2 Provide service details and **Finish** the wizard.
- 3 Using **Virtualize Service**, virtualize and host the physical service on Network Director (**ND1**), and assign a name (e.g., **Vs1**).
- 4 Attach the *DetailedAuditing Policy* located in the Root Organization *Policies* folder to **Vs1** service in *Service Details* > *Policy Attachments* > *Operational Policies*.
- 5 Send requests from the application/client to the **Vs1** service.
- 6 The usage logs' details show the recorded information for each exchange.

The screenshot shows the SOA Software Policy Manager interface. On the left is the Organization Tree with a tree view showing the hierarchy: Registry > Discovered Services > Processes > Scripts > Services > Rest_Service > Rest_Service_vs0. The main area displays the Monitoring tab for Rest_Service_vs0. It includes a Time Range Filter (Start Date: 01/17/2015, Start Time: 00:44:30, End Date: 01/18/2015, End Time: 00:44:30, Period: Last hour), a Content Filter (User Id, Consumer Id, Contract Key, Client IP, Operation: All), and a Transaction Filter (Errors: Transactions (All)). Below these filters is a table of usage logs with columns: Request Date/Time, Operation, Response Time, Contract Name, and Errors.

Request Date/Time	Operation	Response Time	Contract Name	Errors
01/18/2015 00:43:52.0	GET /(domainid)/entry/(entryids)	541 ms	Contract	None
01/18/2015 00:43:51.0	GET /(domainid)/entry/(entryids)	323 ms	Contract	None
01/18/2015 00:43:50.0	GET /(domainid)/entry/(entryids)	361 ms	Contract	None
01/18/2015 00:43:50.0	GET /(domainid)/entry/(entryids)	405 ms	Contract	None
01/18/2015 00:43:49.0	GET /(domainid)/entry/(entryids)	359 ms	Contract	None
01/18/2015 00:43:47.0	GET /(domainid)/entry/(entryids)	719 ms	Contract	None
01/18/2015 00:43:34.0	GET /(domainid)/entry/(entryids)	1958 ms	Contract	None

- 7 The fields that are recorded in each exchange are :
 - a) Message Size
 - b) Input Message
 - c) Output Message
 - d) Fault Message

- e) Transport
- f) Contract
- g) Binding
- h) Identities: Consumer/End-User



SOA Software Policy Manager - Usage Data Details - Google Chrome

localhost:9900/ms/per_usagedata_nav_frameset.jsp?X-Csrf-Token=0xabe784d9&eventId=8&selectedRow:

Usage Detail Recorded Messages Transaction Events

Below is a list of the SOAP messages associated with the Usage record summarized above. Click on any record to see the corresponding message.

Message Date/Time	Record Name	Type
01/18/2015 00:43:52	APPLICATION	Complete request
01/18/2015 00:43:52	APPLICATION	Complete response

Message Details Raw Format (Includes HTTP Headers): ☐ ☒

```

<result>
  <entries>
    <entry acc="P01174" id="WAP_RAT" source="uniprot">
      <fields>
        <field id="descAltName">
          <values>
            <value>Whey phosphoprotein</value>
          </values>
        </field>
        <field id="organism_scientific_name">
          <values>
            <value>Rattus norvegicus</value>
          </values>
        </field>
      </fields>
    </entry>
    <entry acc="P01173" id="WAP_MOUSE" source="uniprot">
      <fields>
        <field id="descAltName">
          <values />
        </field>
        <field id="organism_scientific_name">
          <values>
            <value>Mus musculus</value>
          </values>
        </field>
      </fields>
    </entry>
  </entries>
</result>

```

Help < > Close