

Basic Auditing Policy Usage Scenario for Policy Manager

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Basic Auditing Policy Usage Scenario (Policy Manager-specific)

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

Audit Basic Message Metrics

Audit basic 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 *BasicAuditing 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, the 'Organization Tree' pane shows the 'Rest_Service_vs0' service selected under the 'Services' folder. A red arrow points to this service with the text '1. Select Virtual service'. The main pane displays the 'Rest_Service_vs0' details, with the 'Monitoring' tab selected. The 'Monitoring' tab shows a 'Time Range Filter' (Start Date: 01/17/2015, End Date: 01/18/2015, Period: Last hour) and a 'Content Filter' (User Id, Consumer Id, Contract Key, Client IP, Operation). The 'Transaction Filter' is set to 'Errors: Transactions (All)'. Below these filters is a table of message exchange logs.

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) Contract
 - c) Binding
 - d) 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=88&selectedRow:

Usage Detail | Recorded Messages | Transaction Events

Container:	ND (ND1)
Container transaction Unique ID:	f938f41d-9e7c-11e4-8459-cf8abfc91168
Client Host:	115.98.251.2
Request Date/Time:	01/18/2015 00:43:52.0
Response Time:	541 ms
Bound Request Message Size:	
Bound Response Message Size:	550 bytes
WSDL Request Message Size:	
WSDL Response Message Size:	
Next Hop URL:	http://www.ebi.ac.uk/ebisearch/ws/rest/uniprot/entry/WAP_RAT,WAP_MOUSE?fields=descAltName%2Corganism_scientific_name
Time Taken for Next Hop:	526 ms
Is Soap Fault by Next Hop:	false
Is Soap Fault by Container:	false
Listener URL:	http://AGUBBA-E6420.soa.local:9901/path/uniprot/entry/WAP_RAT,WAP_MOUSE
End-User Identity:	
Consumer Identity:	
Service Key:	uddi:bade7209-9e75-11e4-a1c4-8f1be2374f3c
Operation Name:	Rest_Service_vs0.GET //{{domainid}}/entry/{entryids}
Contract Name:	Contract
Contract Key:	3b697deb-9e7c-11e4-a1c4-8f1be2374f3c:1011
Custom Field 1:	
Error Category:	0
Error Message:	
Error Details:	
Verb:	GET
Status Code:	200

Help < > Close