z/OS 3.1 IBM Education Assistant

Solution Name: z/OSMF Workload Management support for WLM Policy Advisor

Solution Element(s): z/OSMF Workload Management

July 2023





Agenda

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Trademarks

- See url http://www.ibm.com/legal/copytrade.shtml for a list of trademarks.
- Additional Trademarks:
 - None.

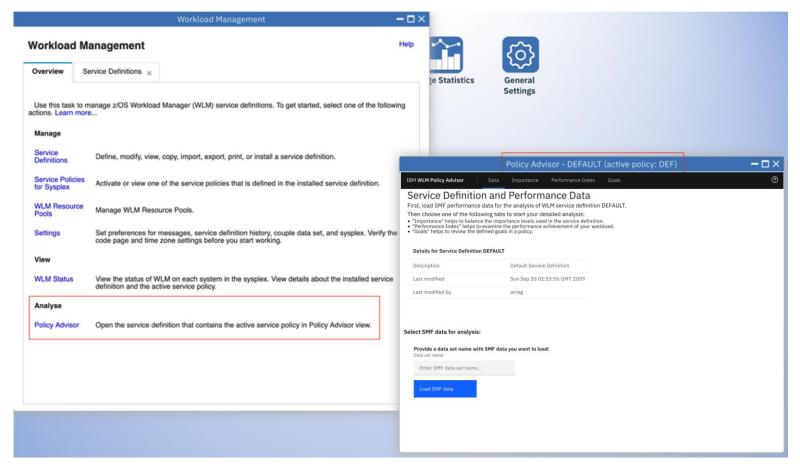
Objectives

- This enhancement is a support for WLM Policy Advisor, which allows clients to:
 - Launch WLM Policy Advisor from z/OSMF Workload Management task.
 - Apply service policy overrides for service classes, resource groups and tenant resource groups to the base definitions of a WLM service definition with z/OSMF Workload Management task.
 - Be assisted with more best practice checks when managing a WLM service definition with z/OSMF Workload Management task.
 - Sort the service class periods by importance when managing a WLM service definition with z/OSMF Workload Management task.

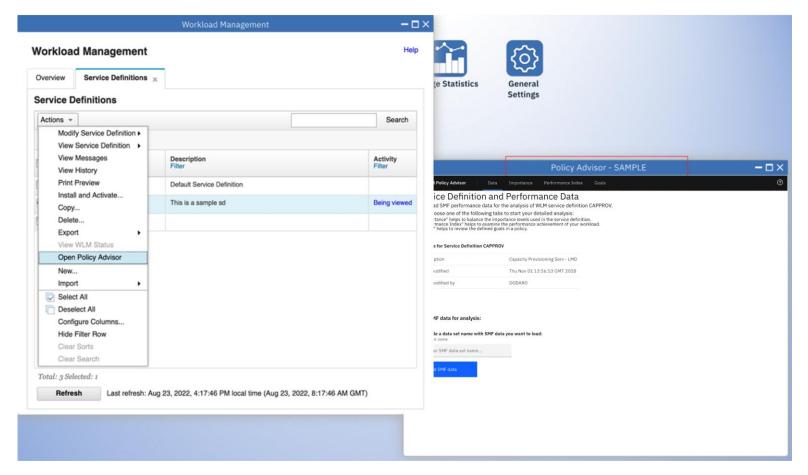
Overview

- Who (Audience)
 - z/OSMF Workload Management users
- What (Solution)
 - z/OSMF Workload Management task is enhanced with the abilities to:
 - Open a WLM service definition in WLM Policy Advisor view.
 - Provide 3 new panels ("Apply Service Class Overrides", "Apply Resource Group Overrides" and "Apply Tenant Resource Group Overrides") when managing a WLM service definition.
 - Check unused service classes of a WLM service definition.
 - Support the action "Switch to Flat View (Sort All)" of Service Classes table when managing a WLM service definition.
- Wow (Benefit / Value, Need Addressed)
 - Assist z/OS system programmers with best practice recommendations to optimize WLM service definitions and reduce common errors.
 - Improve user experience to manage WLM service definitions.

- Open a service definition in WLM Policy Advisor view:
 - On "Overview" panel, you can click the link "Policy Advisor" to open the related service definition that contains the current active service policy in Policy Advisor view.



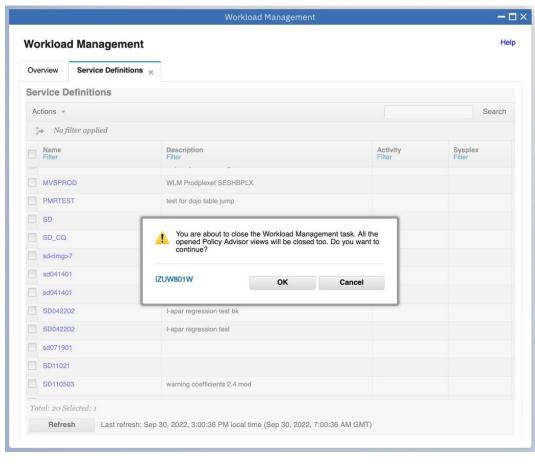
- Open a service definition in WLM Policy Advisor view:
 - On "Service Definitions" panel, you can select a service definition and click the action "Open Policy Advisor" to open the selected service definition in Policy Advisor view.



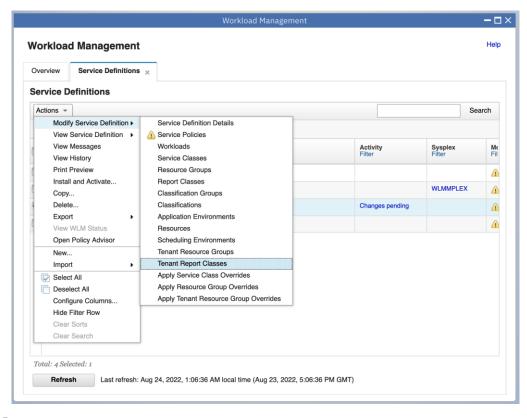
Open a service definition in WLM Policy Advisor view:

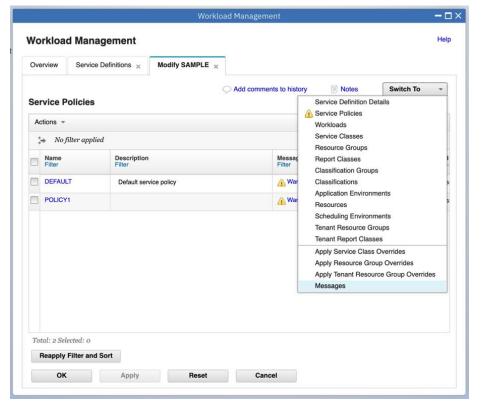
 A confirm dialog will be displayed if one or more Policy Advisor views exist when trying to close z/OSMF Workload Management task, clicking "OK" will also close all the opened Policy Advisor

views.

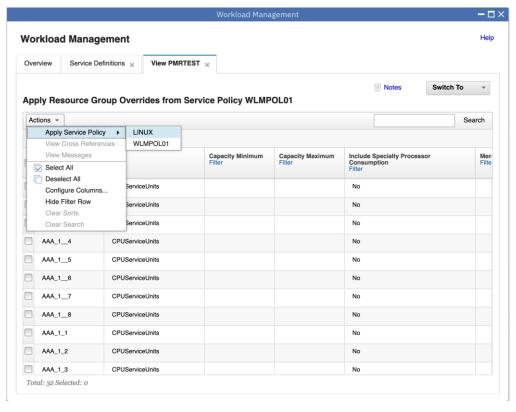


- Apply service policy overrides for service classes, resource groups and tenant resource groups to the base definitions:
 - On "Service Definition" panel, you can open "Apply...Overrides" panel either from the action "Modify/View Service Definition", or from "Switch To" menu.

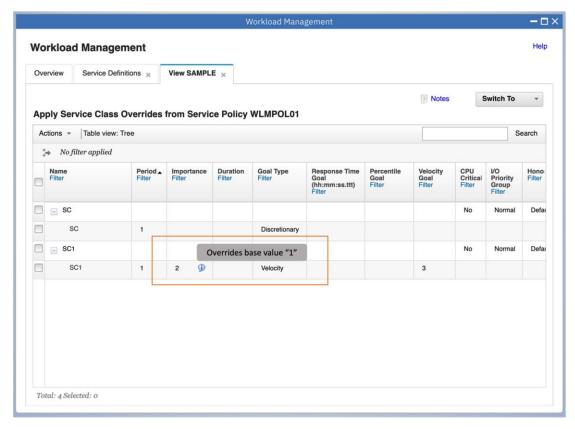




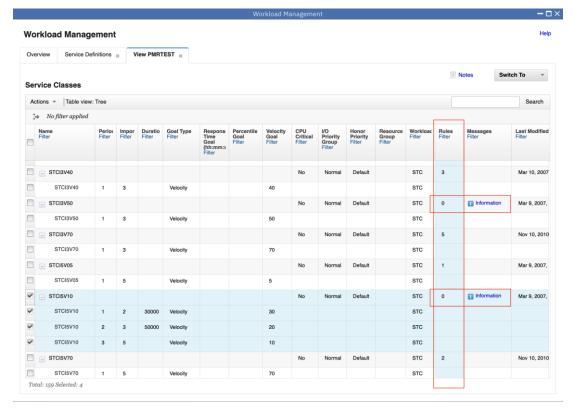
- Apply service policy overrides for service classes, resource groups and tenant resource groups to the base definitions:
 - Switch to "Apply...Overrides" panel, you can select a service policy from the action "Apply Service Policy" to apply its overrides for service classes, resource groups or tenant resource groups to the base definition.

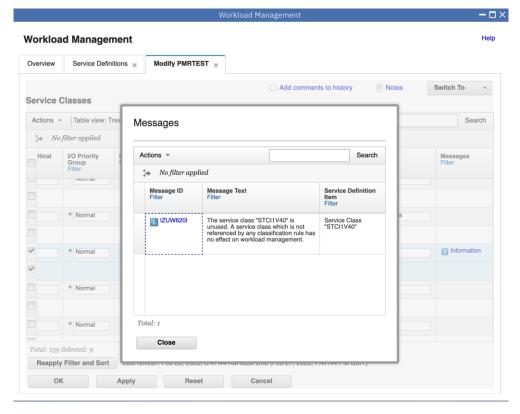


- Apply service policy overrides for service classes, resource groups and tenant resource groups to the base definitions:
 - On "Apply...Overrides" panel, you can put the mouse over the info icon to show an overview of the changed values.

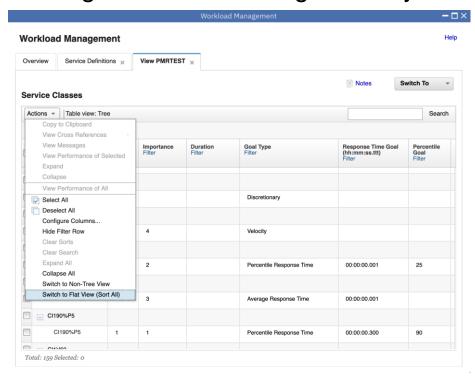


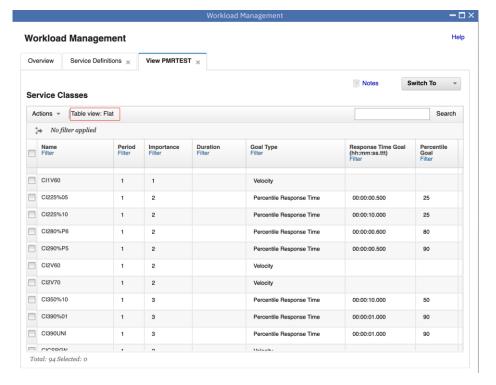
- Check unused service classes of a service definition:
 - In "Service Classes" table, you can identify the unused service classes from the column "Rules"
 which counting the number of associated classification rules. If a service class is not used by any
 classification rule, an information message is also added in the column "Messages" of current
 row.



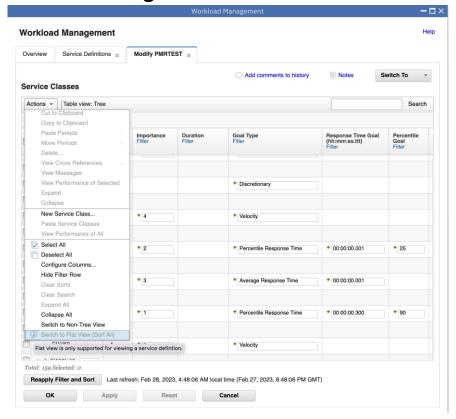


- Sort the service class periods by importance:
 - In "Service Classes" table, you can click the action "Switch to Flat View (Sort All)" to transfer the
 tree table into flat table (i.e., the data from service class row will be replicated into each period
 row) to perform the overall sorting function, including sorting periods by importance.
 - You can switch among flat view, tree view and non-tree view, the selected items will be reselected again after switching so that you will not lose where it is.





- Sort the service class periods by importance:
 - The action "Switch to Flat View (Sort All)" is enabled only with view mode. With editing mode, an info icon will be displayed beside the disabled action to hint user. If you are in flat view and try to switch to editing mode, the table view will be changed back to tree view and the selected items will be re-selected again after switching.



Interactions & Dependencies

- Software Dependencies
 - None
- Hardware Dependencies
 - None
- Exploiters
 - z/OSMF Workload Management users

Upgrade & Coexistence Considerations

None

Installation & Configuration

• None

Summary

- The following z/OS V3R1 z/OSMF Workload Management enhancement has been explained:
 - z/OSMF Workload Management support for WLM Policy Advisor

Appendix

- Book updates
 - IBM z/OS Management Facility Online Help