

Automated MMC Cleanup Script for Old Services

PROJECT BACKGROUND

Idea: Automated MMC Cleanup Script for Old Services

Business Case: Automated MMC Cleanup Script for Old Services

Problem Statement:

Currently after deployments in mule mmc older version of that service remain in the repository, That as a result created a lot of older service in dev and test in past 1 year. These older version will consuming a lot of storage on MMC and also cause slowness during debugging and accessing the server.

Goal Statement:

Built an automated groovy script that will delete the older services that have not been deployed.

OTHER DETAILS

Idea Logged By: Himanshu S Srivastava, Afreen Astara

Project/Team Name: UHOne Transformation 2.0

Project Nature: Mule Domain Project

IT Leader: Srinivas Ramsagar

Business Segment: OGS

ADG:

ADG Leader:

Offshore approver: K T, Srikanth

Onsite Approver: D'Souza, Vijay

BENEFITS

- Stabilize non-prod environments.
- Complete automated process runs daily in non-prod environments.
- Notification email with list of deleted services.
- Reduced number of INC tickets..

SOLUTION IMPLEMENTED

In addition, we will run this script nightly in DV02 and TS02 so that this situation does not happen in the future and also stabilize the DV02 and TS02. We also added notification in the groovy script which will send mail with an attached list of old Mule services which have been deleted.

Financial Impact

Description	Before Improvement	After Improvement	Units	Comments
Old Services Per Year (DEV+TEST+STAGE)	1800+900+600 = 3300	500	APIs	Duplicates versions created after deployments
Effort To Remove Services manually	15 mins.	N/A	Mins.	Removing each services was practically impossible from front end , we need to do the manual cleanup from backend only
App Ops Support/Notifications	30 mins.	N/A	Mins.	App Ops needs to work on several INCs and needs to send notification after deleting services.
Total Effort (Yearly)	2475	N/A	Hrs.	(Efforts Per Service*Old Services Per Year) + (App Ops Support Efforts *Old Services per Year)
Savings	2475 Hrs		Dollars	\$39 per Hrs.
Total Cost Savings: 2475 Hrs			Dollars	\$96525

Other Details

UTILIZATION DETAILS

Automated groovy script that will delete the older services that have not been deployed. In addition, we will run this script nightly in non-prod environment so that this situation does not happen in the future and also stabilize the DV02 and TS02. We also added notification in the groovy script which will send mail with an attached list of old Mule services which have been deleted.

Leveraging Opportunity

This Concept can be implemented in any project where Mule-soft is being used.

SIGN-OFF MAIL



FW BIs for approval.msg