🌟🌟🌟 Day 17 of Our Daily UiPath Q&A Challenge! 🌟
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Welcome to Day 17 of our exciting UiPath Q&A Challenge! Each day, we'll be answering one key question to help you master UiPath and revolutionize your automation journey. 🚀

⛔ Question for Today

What is Queue Retention Policy & How to configure it?

✅ Answer

✴ Processing queues items generates large amounts of transactions, which may crowd your Orchestrator database rapidly. A retention policy helps you free up the database in an organized manner.

✴ For the specified queue, the retention policy you configure applies to all queue items that simultaneously meet the following conditions:

They have a final status, such as Failed, Successful, Abandoned, Retried, or Deleted

They have been last modified more than X days ago; X is the retention duration.

✴ The queue item validation algorithm searches through all queues and determines which queue items meet the conditions based on four properties, in the following order:

1 - Last Modification Time

2 - End Processing Time

3 - Start Processing Time

4 - Creation Time

If a queue item does not have a Last Modification Time value, or if the value is null, the algorithm looks at the End Processing Time value. If the End Processing Time value is null, the algorithm looks at the Start Processing Time value. If the Start Processing Time value is null, the algorithm looks at the Creation Time value, and applies the policy based on the first non-null value found.

♾ Advantages:

It keeps the valid queue items in your configured database.

It deletes the valid queue items that are older than the specified duration.

It deletes the valid queue items that are older than the specified duration, but archives their data into an existing storage bucket, for future reference. This way, you offload your Orchestrator database without losing the information.

It preserves the unique references of queue items, to guarantee the occurrence of validations after the policy applied.

✴ Configuring a Custom Retention Policy

♾ To add a new queue, click Add Queue. Respectively, to edit an existing queue, click More Actions > Edit for the desired queue. The Create/Update Queue page opens.

♾ In the Retention policy section, select the outcome of your policy from the Action dropdown menu.

Deleting Queue Items

If you decide that processed queue items data is no longer useful, you can remove all that information from your Orchestrator database.

Archiving Queue Items

If you do not want to lose your queue items data, but you need to offload this information from the Orchestrator database, archive your queue items. It requires Storage Bucket to store data.

Note: Retention duration - Input a value between 1 and 180. The default value is 30.