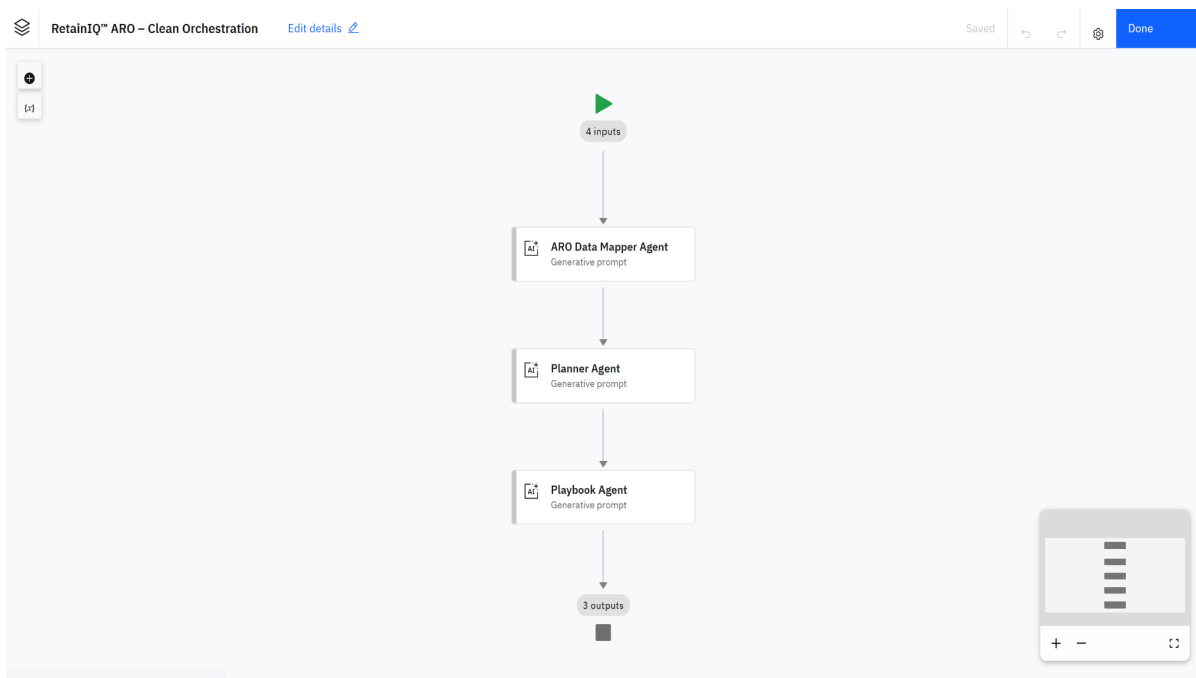


# RetainIQ™ ARO – Clean Orchestration Summary

## Overview:

This submission demonstrates the successful execution of the **RetainIQ™ ARO – Clean Orchestration** workflow in IBM Watsonx Orchestrate. The orchestration features three AI agents — **Data Mapper Agent**, **Planner Agent**, and **Playbook Agent** — that work together to automate data mapping, orchestration planning, and playbook generation. It produces three validated JSON outputs: *Mapped JSON*, *Plan JSON*, and *Playbook Output JSON*.

## 1. Orchestration Flow



## 2. Plan JSON Output

The screenshot displays the AskOrchestrate interface. On the left sidebar, under the 'Agents' section, 'AskOrchestrate' is selected. The 'Chats' section shows a list of conversations, with 'Run the orchestration named "ARO - ..."' selected. The main panel shows the 'Run the orchestration named "ARO - ARO Clean"' task. The output is a JSON plan for deleting ARO resources. Below the plan, there is a 'playbook.json' section with a text input field.

Run the orchestration named "ARO - ARO Clean"

plan.json:

```
json
{
  "name": "aro-clean-plan",
  "description": "Plan to clean up ARO resources",
  "version": "1.0",
  "steps": [
    {
      "name": "delete-aro-cluster",
      "description": "Delete ARO cluster",
      "action": "delete",
      "resource": "aro-cluster",
      "parameters": {
        "name": "aro-cluster",
        "resource_group": "default-resource-group"
      }
    },
    {
      "name": "delete-aro-resource-group",
      "description": "Delete ARO resource group",
      "action": "delete",
      "resource": "resource-group",
      "parameters": {
        "name": "default-resource-group"
      }
    }
  ]
}
```

playbook.json:

Type something...

## 3. Mapped JSON Output

The screenshot displays the AskOrchestrate interface. On the left sidebar, under the 'Agents' section, 'AskOrchestrate' is selected. The 'Chats' section shows a list of conversations, with 'Run the orchestration named "ARO - ..."' selected. The main panel shows the 'Run the orchestration named "ARO - ARO Clean"' task. The output is a JSON map of ARO resources. Below the map, there is a 'mapped.json' section with a text input field.

Run the orchestration named "ARO - ARO Clean"

Yes, please — review and display the contents of all three files (mapped.json, plan.json, and playbook.json) in full so that I can verify them and take screenshots for submission

AskOrchestrate 05:12 PM

I'll retrieve the contents of the files.

mapped.json:

```
json
{
  "aro_instance_name": "aro-instance",
  "resource_group": "default-resource-group",
  "subscription_id": "12345678-1234-1234-1234-123456789012",
  "aro_cluster_name": "aro-cluster",
  "aro_cluster_resource_group": "default-resource-group",
  "aro_cluster_location": "eastus",
  "aro_cluster_version": "4.10.16",
  "aro_cluster_worker_count": 3,
  "aro_cluster_worker_vm_size": "Standard_DS4_v2",
  "aro_cluster_master_vm_size": "Standard_DS4_v2",
  "aro_cluster_infra_vm_size": "Standard_DS4_v2",
  "aro_cluster_network_cidr": "10.0.0.0/16",
  "aro_cluster_service_cidr": "10.1.0.0/16",
  "aro_cluster_pod_cidr": "10.2.0.0/16"
}
```

## 4. Playbook JSON Output

The image displays two screenshots of the IBM Watsonx Orchestrate user interface, showing the output of a playbook execution. The interface includes a sidebar with navigation options like Agents, Chats, and a main workspace for running orchestrations.

**Top Screenshot:** The main workspace shows the output of a playbook execution. The title bar indicates "Run the orchestration named 'ARO - ARO Clean'". The output is a JSON object representing the playbook structure:

```
playbook.json:

{
  "name": "aro-clean-playbook",
  "description": "Playbook to clean up ARO resources",
  "version": "1.0",
  "plays": [
    {
      "name": "delete-aro-cluster",
      "description": "Delete ARO cluster",
      "tasks": [
        {
          "name": "delete-aro-cluster-task",
          "description": "Delete ARO cluster task",
          "action": "delete",
          "resource": "aro-cluster",
          "parameters": {
            "name": "aro-cluster",
            "resource_group": "default-resource-group"
          },
          "status": "success"
        }
      ]
    },
    {
      "name": "delete-aro-resource-group",
      "description": "Delete ARO resource group",
      "tasks": [
        {
          "name": "delete-aro-resource-group-task",
          "description": "Delete ARO resource group task",
          "action": "delete",
          "resource": "resource-group",
          "parameters": {
            "name": "default-resource-group"
          },
          "status": "success"
        }
      ]
    }
  ]
}
```

**Bottom Screenshot:** This screenshot shows a different view of the same JSON output, focusing on the task details for the "delete-aro-resource-group" task. The title bar remains "Run the orchestration named 'ARO - ARO Clean'". The JSON output is:

```
{
  "name": "delete-aro-resource-group",
  "description": "Delete ARO resource group",
  "tasks": [
    {
      "name": "delete-aro-resource-group-task",
      "description": "Delete ARO resource group task",
      "action": "delete",
      "resource": "resource-group",
      "parameters": {
        "name": "default-resource-group"
      },
      "status": "success"
    }
  ]
}
```

Below the JSON output, there is a message: "Please review the contents of the files and take screenshots for submission as needed." and a text input field with a placeholder "Type something...".

### Outcome:

All three agents executed successfully within the Watsonx Orchestrate environment, generating structured JSON outputs verified by AskOrchestrate. This run validates correct orchestration design, input-output mapping, and the functional collaboration of multiple AI agents — reflecting RetainIQ's vision of AI-powered automation for retention intelligence and orchestration excellence.