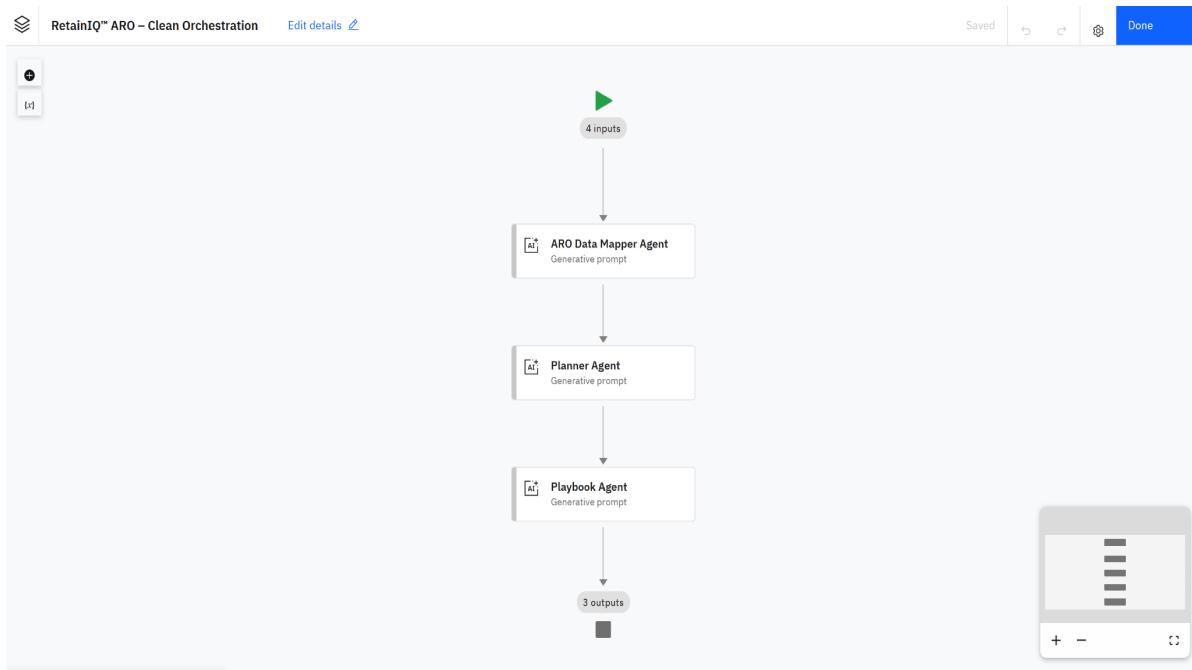


RetainIQ™ ARO – Clean Orchestration Summary

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 shows the AskOrchestrator application interface. On the left, there's a sidebar with 'Agents' (AskOrchestrate), 'Chats', and a 'Today' section containing a button labeled 'Run the orchestration named "ARO - ..."' which is highlighted with a blue border. Below this are links for 'Run the orchestration named "ARO - ..."', 'Run ARO - Clean v2', and a link to 'Need help creating an agent?'. At the bottom of the sidebar are buttons for 'Create new agent' and 'Manage agents'.

The main area has a header 'Run the orchestration named "ARO - ARO Clean"' and an 'AI' button. It displays two JSON files:

```
plan.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 shows the AskOrchestrator application interface. The sidebar is identical to the previous screenshot. The main area has a header 'Run the orchestration named "ARO - ARO Clean"' and an 'AI' button. A message bubble from 'AskOrchestrator 05:12 PM' says: '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'.

An AI-generated response below says: 'I'll retrieve the contents of the files.'

The 'mapped.json' content is displayed:

```
mapped.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 screenshot shows the Watsonx Orchestrate interface. On the left, there's a sidebar with 'Agents' and 'Chats'. The main area has a title 'Run the orchestration named "ARO - ARO Clean"' and a code editor window titled 'playbook.json'. The JSON content is as follows:

```
json
{
  "name": "aro-clean-playbook",
  "description": "Playbook to clean up ARO resources",
  "version": "1.0",
  "plays": [
    {
      "name": "delete-aro-cluster",
      "description": "Delete ARO cluster",
      "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"
        }
      ]
    }
  ]
}
```

Below the code editor is a search bar with 'Type something...'. At the top right, there are AI-related icons.

In the second part of the screenshot, the same interface is shown again, but the JSON content is slightly different, reflecting the execution results or a different state of the playbook. It includes a note at the bottom: 'Please review the contents of the files and take screenshots for submission as needed.'

Outcome:

All three agents executed successfully within the Watsonx Orchestrate environment, generating structured JSON outputs verified by AskOrchestrator. 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.