Reliability Workbook

This workbook focusses on the Reliability pillar of the Azure Well-Architected Framework and provides insights into the reliability aspects deployed in Azure subscriptions.

User needs to import the Azure Monitor workbook available in this repository, the detailed instructions have been provided under Import Workbook section.
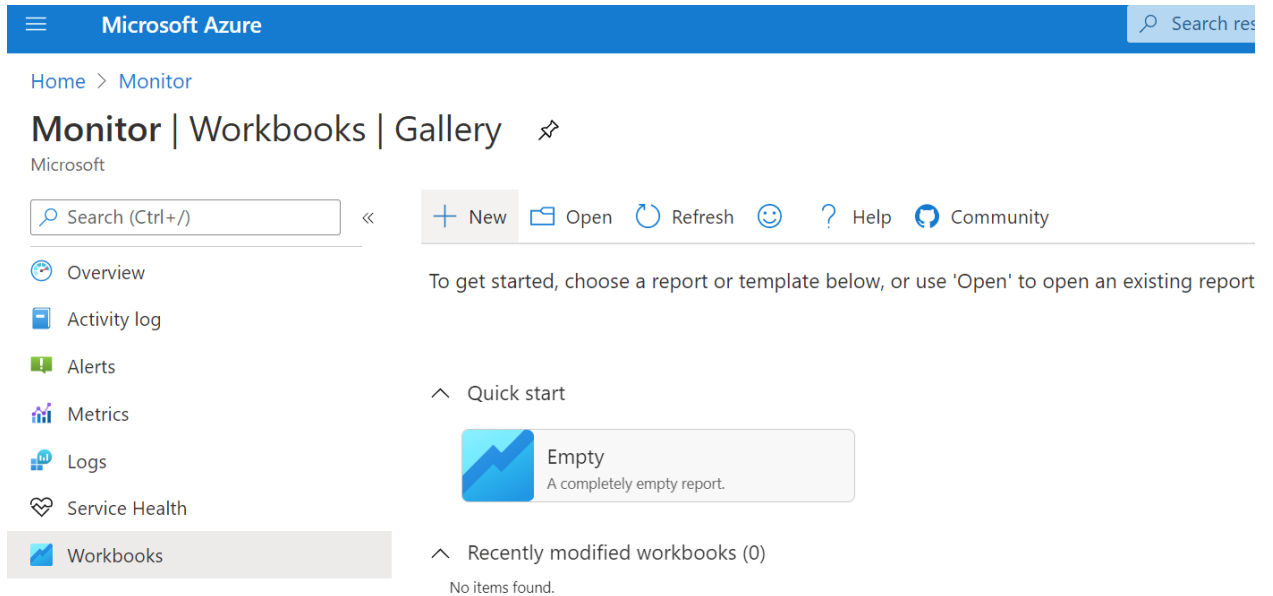
User needs to have at least Workbook Contributor access to import the workbook and Monitoring Reader to have access to monitoring information.
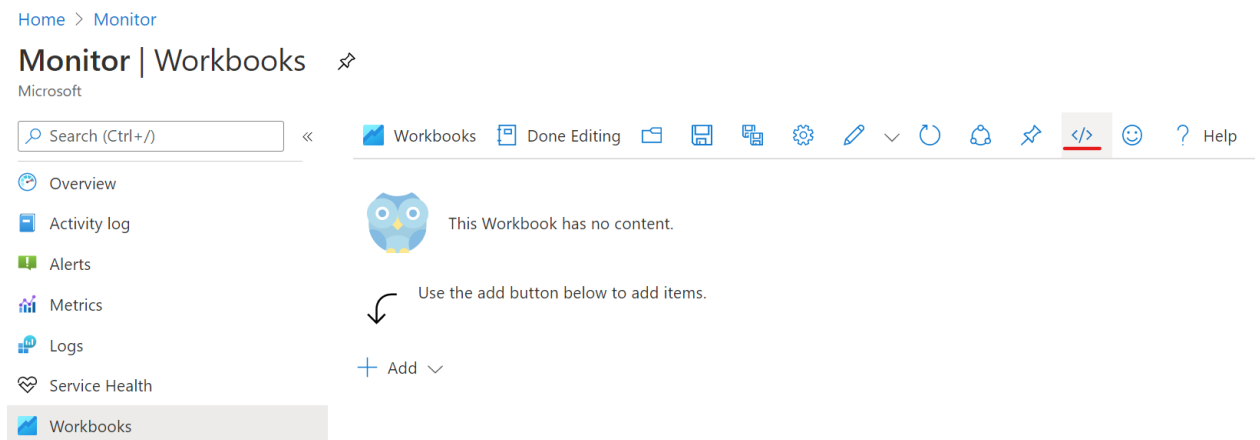
Note

- Azure Security Center with Azure Defender is required for VM backup information.
- VMs have to be running for disk information to be available.

Import Workbook

1. Navigate to Monitor in the Azure Portal

2. Workbooks

3. New

4. Advanced Editor (</>)

5. Paste json into Gallery Template.

Monitor | Workbooks
Microsoft

Search (Ctrl+/)

- Overview
- Activity log
- Alerts
- Metrics
- Logs
- Service Health
- **Workbooks**

Insights

- Applications
- Virtual Machines
- Storage accounts
- Containers
- Networks
- Azure Cosmos DB
- Key Vaults
- Azure Cache for Redis
- ··· Insights Hub

Settings

- Diagnostic settings
- Data Collection Rules
- Autoscale
- Private Link Scopes

Support + Troubleshooting

Workbooks   Done Editing

ℹ️ Shown below is a JSON representation of the current item.
Any changes you make here will be reflected when you press apply.

Template Type ⓘ

[Gallery Template] [ARM Template]

```
}}
{
  "type": 12,
  "content": {
    "version": "NotebookGroup/1.0",
    "groupType": "editable",
    "items": [
      {
        "type": 9,
        "content": {
          "version": "KqlParameterItem/1.0",
          "crossComponentResources": [
            "{Subscriptions}"
          ],
          "parameters": [
            {
              "id": "100d329a-08a8-4027-85e7-635f580ad68f",
              "version": "KqlParameterItem/1.0",
              "name": "Subscriptions",
              "type": 6,
              "isRequired": true,
              "multiSelect": true,
              "quote": "'",
              "delimiter": ",",
              "value": [
                "value::all"
              ],
              "typeSettings": {
                "additionalResourceOptions": [
                  "value::all"
                ],
                "includeAll": true,
                "showDefault": false
              },
```

6. Click Apply to load the workbook from the gallery template.

Report Exports

NOTE: Navigate to "<mark>Export</mark>" Tab in the workbook and select the right filters for "<mark>Subscriptions", "Resource Groups", "Criticality", "Environment"</mark> to pick the right scope for this Reliability Engagement.

1. Summary by Resource Type, Environment, Criticality

Navigate to "Export" tab of the report and click the download button highlighted below for "Summary by Resource Type, Environment, Criticality" table.

Rename the downloaded report to "Summary by Resource Type, Environment, Criticality.xlsx"

2. Summary by Resource, Environment, Criticality

Navigate to "Export" tab of the report and click the download button highlighted below for "Summary by Resource, Environment, Criticality" table.

Rename the downloaded report to "Summary by Resource, Environment, Criticality.xlsx"

3. Resources Details

Navigate to "Export" tab of the report and click the download button highlighted below for "Resources Details" table.

Rename the downloaded report to "Resources Details.xlsx"

4. Advisor – Reliability

Navigate to "Export" tab of the report and click the download button highlighted below for "Advisor Recommendations by Impact" table.

Rename the downloaded report to "Advisor - Reliability.xlsx"