RUNBOOK

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What is Runbook

 Set of standardized written procedures for completing repetitive information technology (IT) processes within a company.

Part of ITIL(IT Infrastructure Library) protocols

What is the purpose of a runbook?

- Runbooks provide IT teams with contextual documents that increase consistency and efficiency through standardization.
- They act as a walkthrough or step-by-step guide for both new and experienced IT professionals within the team.
- They are typically used for optimizing routine IT operations and troubleshooting.
- Runbooks also act as documentation in incident management and reduce system downtime.

What are the different types of Runbooks?

- Manual
- Semiautomatic
- Automatic

Based on functions runbooks can also be categorized as:

- General Runbooks
- Specialized Runbooks

When to create a Runbook?

Once effective operations tasks have been established by the IT team

• It can also be made proactively, anticipating potential IT systems failure, or after analysing incident reports and post-mortem

What elements are included in a Runbook?

A successful Runbook has five attributes:

- 1. Actionable
- 2. Accessible
- 3. Accurate
- 4. Authoritative
- 5. Adaptable

A sample Runbook template

- 1. Overview
- 2. Authorization
- 3. Process step
- 4. Monitoring system information
- 5. DR Plans
- 6. Technical Documentation

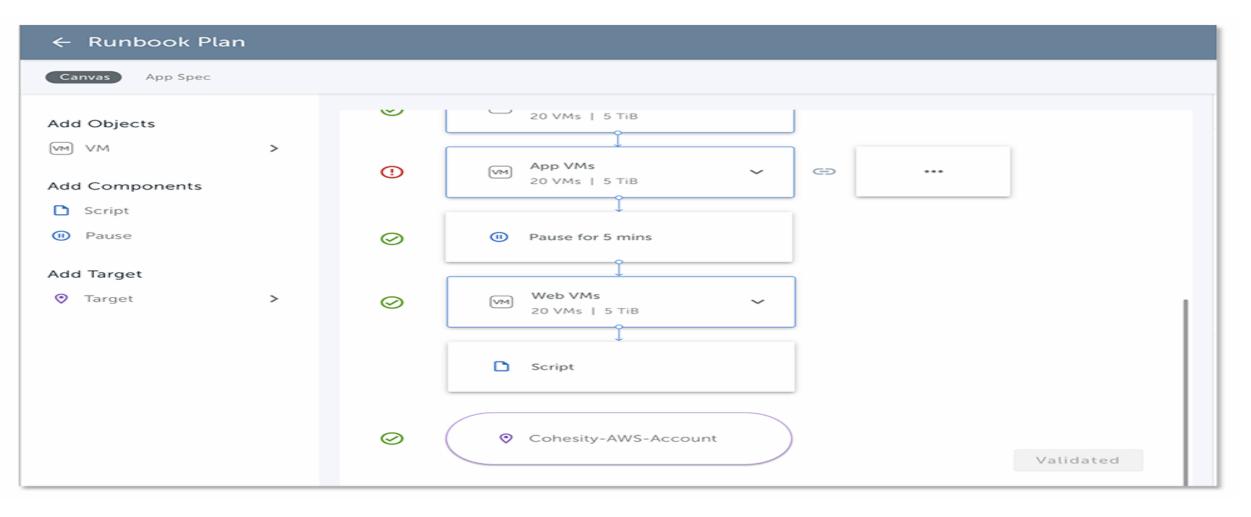
How to write an effective runbook

- 1. Planning
- 2. Research
- 3. Writing
- 4. Testing
- 5. Updating

Some of Runbook Automation tools

- 1. AWS
- 2. IBM Runbook Automation
- 3. Azure Automation –Runbook management
- 4. Octopus Deploy
- 5. Fujitsu Systemwalker Runbook Automation
- 6. eyeShare Runbook Automation
- 7. Rundeck

Runbook creation: Cohesity Runbook



Runbook creation: Creating and validating a workflow sequence without pen and paper using Cohesity Runbook, a workflow automation application.

DevOps runbook

Runbook name				
Runbook description				
Owner	@ mention the owner			
Version	e.g., 2.3			
Version date	Type // to add the date			
On this page	 Architecture Support contacts Runs Process 			

m Architecture

Provide a high-level architectural diagram of your hosts and services so that your operations team can effectively troubleshoot an alert or outage.

Support contacts

Expertise level	Team	Team lead	Contact info
Level 1	@ Team members	@ Lead	
Level 2			
Level 3			

Kuns

List the routine operations tasks this runbook is automating.

Name	State	Start time	Completed time	Duration
e.g., Database backup	SUCCESS / ERROR			

Process

List the procedures your team needs to follow to start, stop, monitor, and debug the system. Include procedures for every anticipated scenario.

	Step instructions	Enabled	Execution location	Run environments	Run conditions	Documentation
1		YES / NO				Add a link
2						
3						

Sources

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