

## **Module 02: Script Lifecycle**

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## Objectives

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- Upload scripts and validate metadata
- Apply categories and tags
- Understand versioning and integrity checks

## Walkthrough

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1. Navigate to Scripts and select Upload.
2. Upload a PowerShell script from `test-script.ps1` or create a new file.
3. Add tags and a category, then save.
4. Open the script detail page and review metadata.

# Lifecycle snapshot



# Screenshots

The screenshot shows the PSScript AI-Powered Management interface. On the left is a dark sidebar with the PSScript logo, navigation links (Dashboard, Script Management, AI Assistant, Documentation, UI Components, Settings), and copyright information (@ 2025 PSScript, v1.0). The main area has a header "Script Details" and "Upload Script". It features a central file upload section with a "Drop your PowerShell script here" input field, which displays a success message: "Script loaded successfully (7262 bytes)". Below this is a "Script Content Preview" box showing the PowerShell script code. To the right are form fields for "Title" (test-script), "Description" (What does this script do?), "Category" (dropdown menu), "Tags" (Add custom tag, Add button), and checkboxes for "Make script public" and "Analyze with AI". Buttons at the bottom include "Preview Analysis", "Cancel", and a large blue "Upload Script" button.

This screenshot is nearly identical to the one above, but the "Upload Script" button is now highlighted in blue with the text "Uploading...". The rest of the interface, including the sidebar, script content preview, and configuration options, remains the same.

## Metadata checklist

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Field	Example	Notes
Title	Reset-UserPassword	Use Verb-Noun naming
Description	Reset AD user password	Keep it concise
Category	Identity	Match existing taxonomy
Tags	security,active-directory	2-5 meaningful tags
Owner tag	owner:team-identity	Use a consistent owner tag
Hash	auto	Calculated on upload

## **Integrity and deduplication**

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- The backend calculates a file hash on upload.
- Duplicate uploads are detected and blocked or flagged.

# Verification checklist

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- Upload succeeds and the script appears in the list.
- Tags and category are visible on the card and detail page.
- The script detail page shows a security and quality score.

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