

# AutoStack User Guide

AutoStack - Enterprise Automation Toolkit

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Overview:

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AutoStack is a modular PowerShell automation suite for IT professionals, designed to automate core administrative tasks across user provisioning, system monitoring, and Azure VM lifecycle management.

Included Scripts:

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## 1. auto\_user\_create.ps1

- Description: Creates users from a CSV file.
- CSV Columns: Username, FullName, Password
- Example:

```
./auto_user_create.ps1 -CsvPath "users.csv" -CreateLocalUsers
```

## 2. monitor\_event\_logs.ps1

- Description: Filters and emails recent critical errors from Windows Event Logs.
- Customization: Edit SMTP settings inside script.
- Example:

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./monitor\_event\_logs.ps1

## 3. azure\_vm\_auto\_shutdown.ps1

- Description: Enables cost-saving auto-shutdown on Azure VMs using Azure CLI.

- Parameters:

-ResourceGroup, -VMName, -Time

- Example:

./azure\_vm\_auto\_shutdown.ps1 -ResourceGroup "rg-prod" -VMName "vm1" -Time "1830"

## Customization Notes:

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- Update email addresses in monitor\_event\_logs.ps1 for alerts.
- Ensure Azure CLI is installed and logged in for Azure script to work.
- Modify time format in azure\_vm\_auto\_shutdown.ps1 using 24-hour format (e.g., "1800").

## Use Case Scenarios:

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- Rapid onboarding of multiple users in secure environments
- Real-time system health monitoring in enterprise infrastructure
- Budget-conscious Azure VM shutdown scheduling

## Support:

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Get the latest updates and direct support via the Gumroad product page or contact [adroyphill@gmail.com](mailto:adroyphill@gmail.com).