

Make PowerShell A Real Solution in 5 steps

Automate. Delegate. Relax.



Heiko Brenn 🍏 @heikobrenn





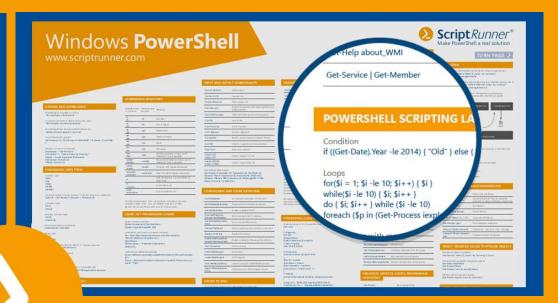
The #1 for PowerShell Management







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Free eBook: PowerShell Security

lp.scriptrunner.com/en/powershell-security-guide





PowerShell Security

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Challenges for IT Pros



PowerShell is a tool for IT experts only

How to delegate tasks to service desk or end users?

No centralized & secure PowerShell management

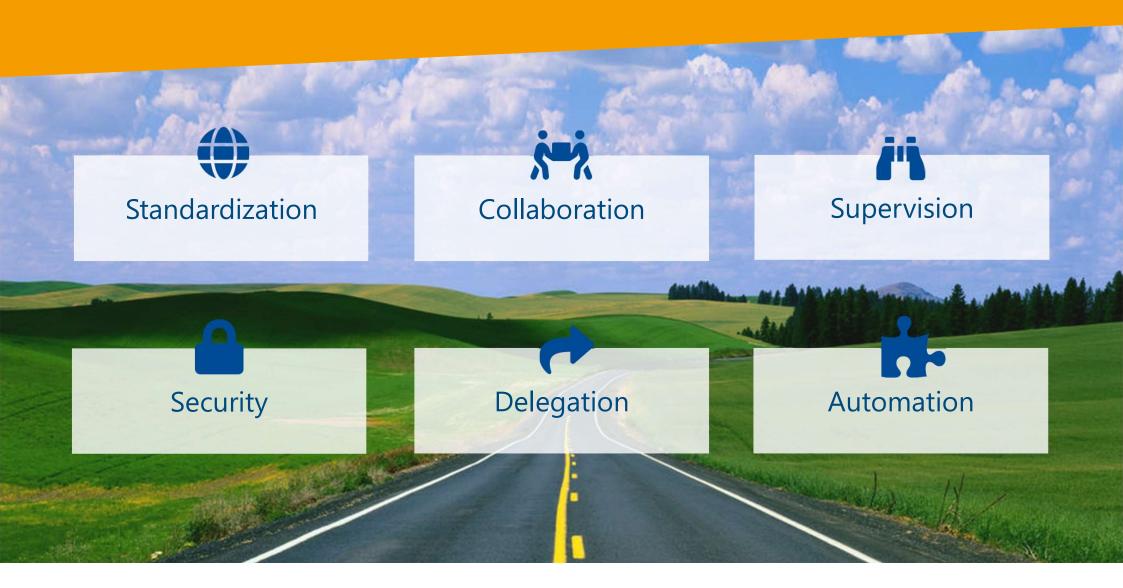
Many recurring tasks still have to be taken over by IT Pros

Drown in daily business



Centralizing PowerShell is key





Achieve More With PowerShell In 5 Steps



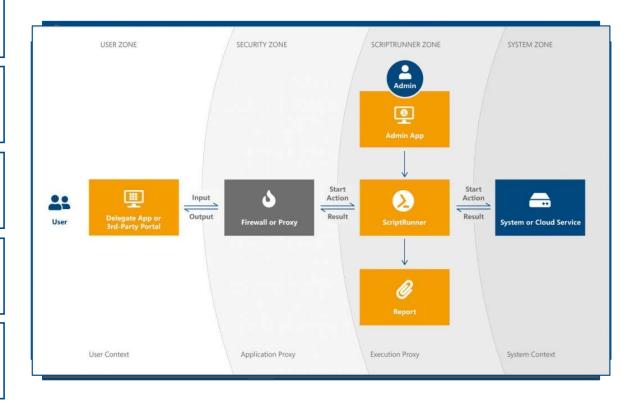




Automatically transform
PowerShell scripts into Web GUIs

Delegate recurring tasks to help desk and end users

Integrate with ITSM, Monitoring & Workflow systems and more



ScriptRunner – How to run scripts





Manually

Users execute tasks in web browser



Scheduled

Time-controlled tasks



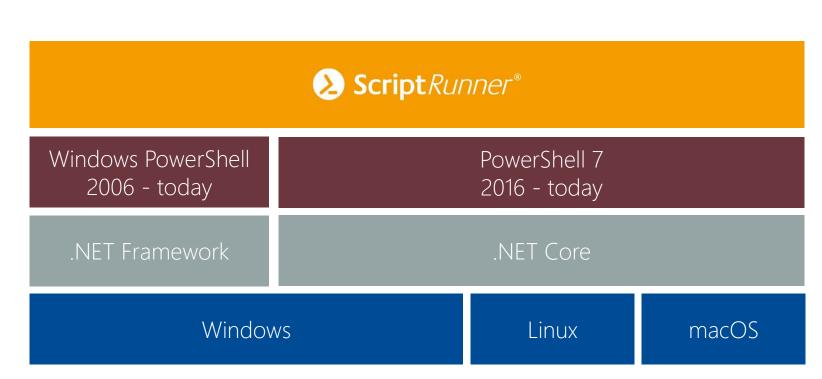
Automatically

Event triggered by 3rd party systems

Windows PowerShell & PowerShell 7 with ScriptRunner



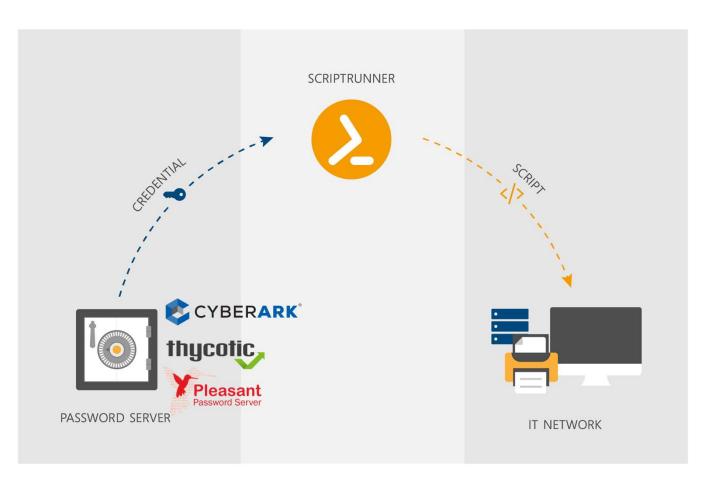




Password Server Support



- > Centralized password safes
 - ➤ CyberArk Password Vault
 - > Pleasant Password Server
 - > Thycotic Secret Server
- No credentials are stored locally
- > Automatic password rotation
- Easy one secure password repository for multiple ScriptRunner servers





ScriptRunner – Secure Delegation





https://www.scriptrunner.com/de/software/system/

ScriptRunner test report fom a Microsoft MVP





Adam Bertram aka Adam The Automator Microsoft MVP Cloud and Datacenter Management

"ScriptRunner is a master of organizing, categorizing and delegating scripts."

"ScriptRunner is a real DevOps tool for PowerShell scripters." "Compared to large automation platforms, ScriptRunner is significantly cheaper."

"to get the same functionality of ScriptRunner, it would require several applications to get a similar feature set." "If you are looking into automating your administration and support processes easily and securely, you will find a powerful and professional tool here."

https://www.adamtheautomator.com/scriptrunner-bringing-powershell-to-devops/

ScriptRunner – Practical Examples and Use Cases





Develop scripts in a team and organize them centrally



Standardize administrative team activities



Manage user accounts and groups quickly and easily



Reset password, unlock user, (de)activate accounts



Automated user provisioning and deprovisioning



Exchange – Allow or block mobile access with Active Sync



Exchange – Smart management of Out of Office settings



Exchange – Manage mailboxes and distribution lists



Manage rights to files, directories and file and printer sharing



Print Management – Manage print servers, printers and print jobs



Manage Azure AD and Office 365 easily and securely



Delegate software provisioning and offer it as self-service

https://www.scriptrunner.com/en/use-cases/

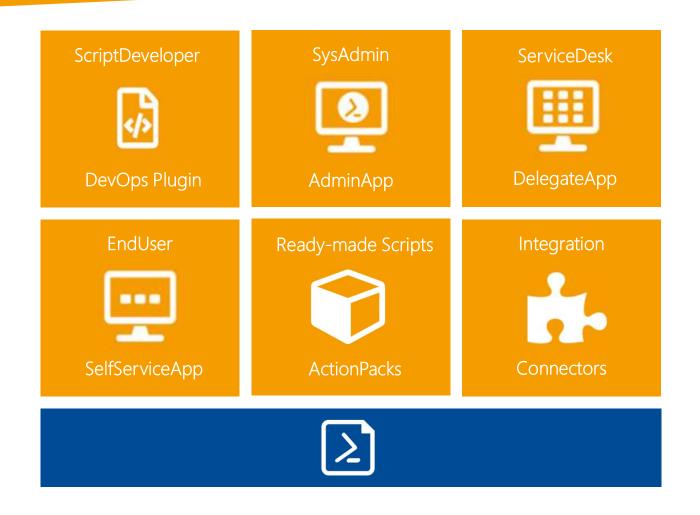
ScriptRunner - Make PowerShell A Real Solution





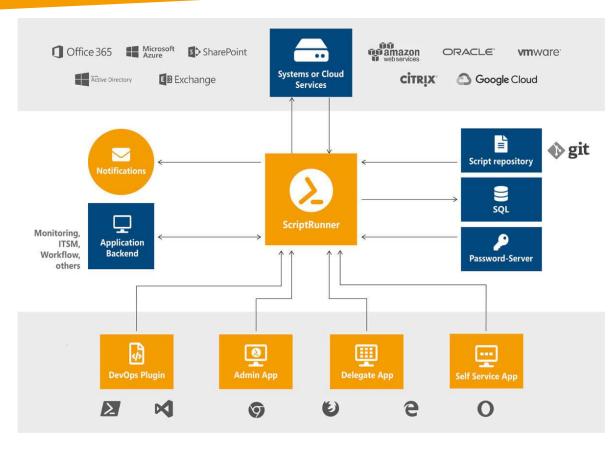
ScriptRunner – The components





ScriptRunner – How the components play together



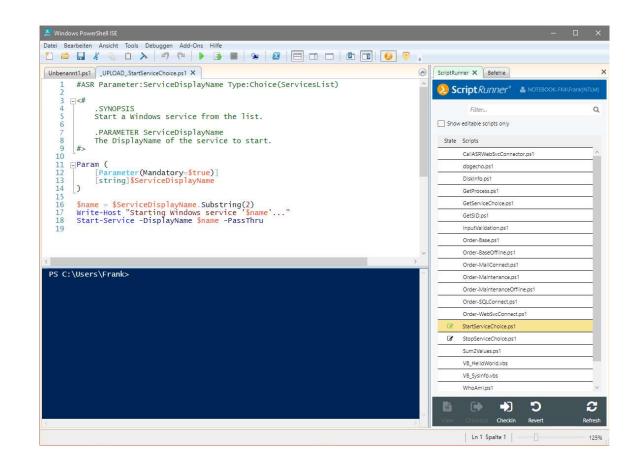


https://www.scriptrunner.com/en/software/system/

ScriptDeveloper – DevOps Plugin



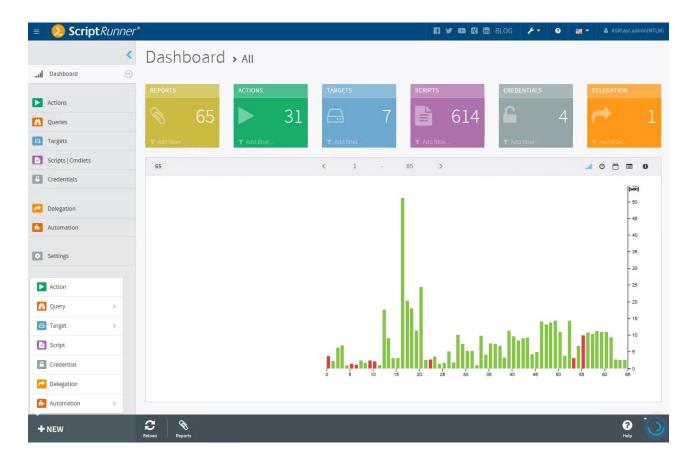
- > ISE Plugin
- > Team-based script development
- Central script repository
- > Filters
- Check-in with history
- > Check-out
- > GitHub integration
- > TFS integration
- More information
 - https://www.scriptrunner.com/en/software/scripts/



SysAdmin – Admin App



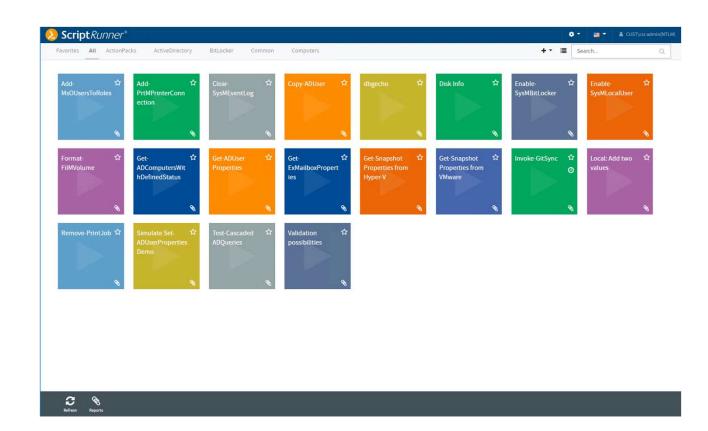
- > A web GUI for PowerShell
- > Dashboard for all activities
- Create ScriptRunner actions
- Manage and test queries
- > Target configuration
 - > Direct local
 - > PowerShell remoting
 - > Implicit remoting
- Secure delegation of ScriptRunner actions
- Scheduled script execution
- Secure credential handling
- Configure automation connectors
- Organizing by tags
- Reports and Logging
- More information.
 - https://www.scriptrunner.com/en/software/w eb-apps



ServiceDesk – DelegateApp



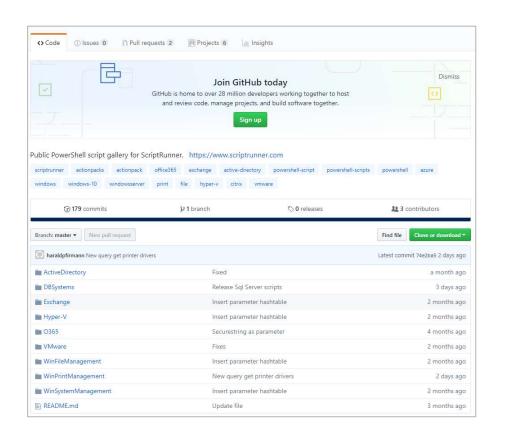
- > A web GUI for PowerShell
- Execute PowerShell scripts in the browser
- Delegate specific ScriptRunner actions to team members, helpdesk or endusers
- No administrative permissions for users required
- Parameters for script execution can be hidden
- Input dialogs are automatically created from PowerShell script
- Script execution logging and reporting
- More information
 - https://www.scriptrunner.com/en/soft ware/web-apps



Ready-made Scripts – ActionPacks



- > Easy implementation of many use cases
- Out of the box scripts for
 - > Active Directory
 - > Office 365
 - > Exchange
 - > VMWare
 - > Hyper-V
 - > Citrix
 - > File-/PrintServer
- Scripts and templates for partner products
 - > Paessler PRTG
 - > Matrix42
 - Nagios
 - > Automic ONE
- More informationen
 - https://github.com/scriptrunner/ActionPacks
 - https://www.scriptrunner.com/en/software/script-sammlungen/



ScriptRunner – Out-Of-Office example

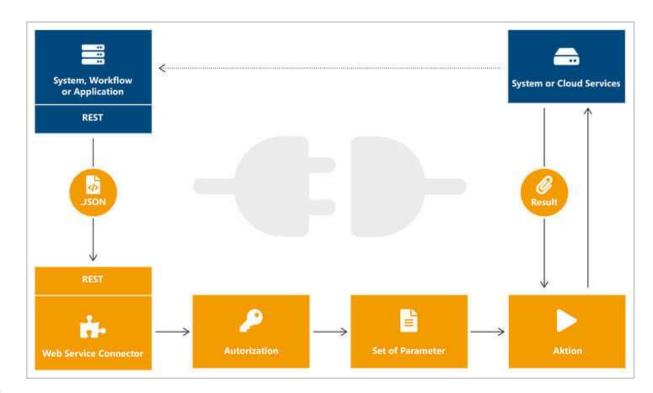


	Actions	Activate OutOfOffice
i i	Queries	Select mailbox(es)
	Targets	Exchange, Exchange Online
	Scripts	Set-OutOfOffice.ps1
	Credentials	Service account with necessary permissions
→	Delegation	Help desk user, End user

Integration – Add new functions with connectors

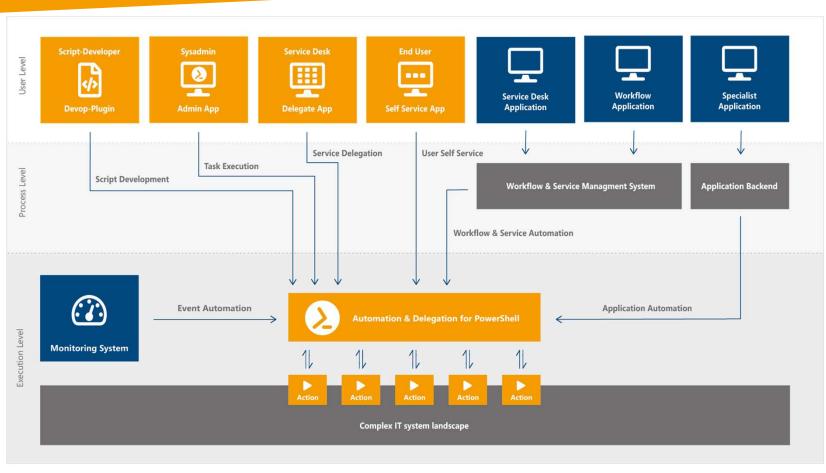


- 3rd party systems automatically trigger ScriptRunner Actions
 - Monitoring Systems
 - > IT Service Management
 - > Business Workflow
 - Applications
- Password server integration
 - > CyberArk
 - > Pleasant
 - > Thycotic
- More information
 - https://www.scriptrunner.com/en/softwar e/automation-connector/



ScriptRunner – The Full Picture

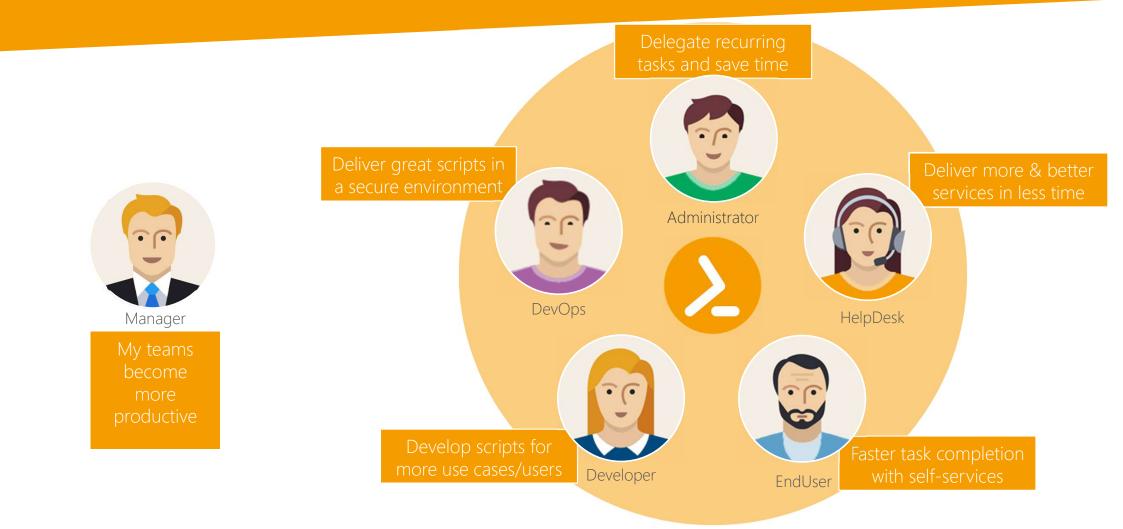




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ScriptRunner: One Solution – Many Benefits





Put ScriptRunner to the test.
30 days for free.

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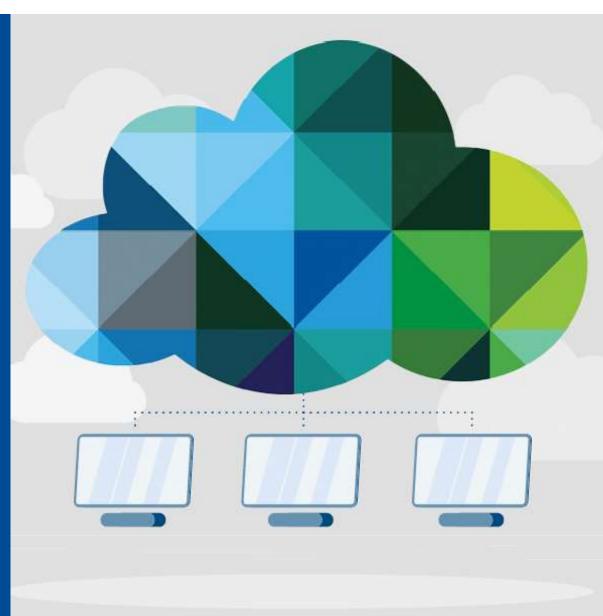


Webinar: Easily manage VMWare environments with PowerShell

Wednesday, October 28 16:00 CEST | 10:00 am EST

scriptrunner.com/en/webinars/







Thank you.

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ScriptRunner – The #1 for PowerShell Management.



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