PowerShell & ScriptRunner
Devlop | Manage | Delgate
PowerShell Scripts

Automate. Delegate. Relax.

Heiko Brenn   🐦   @heikobrenn

ScriptRunner®

Automating
with
PowerShell

Develop, Manage, Delegate
PowerShell
with
ScriptRunner

STANDARDIZATION, AUTOMATION AND DELEGATION OF RECURRING TASKS

INTERACTIVE, SCHEDULED AND EVENT-DRIVEN SCRIPT EXECUTION

COMPREHENSIVE MONITORING AND REPORTING

CENTRALIZED SCRIPTS AND MODULES MANAGEMENT

SECURE CREDENTIAL ADMINISTRATION

AUTO-CREATED USER FRIENDLY WEB FORMS

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ScriptRunner Product Expert &
Head of International Business

In the IT industry for 25+ years
IT Admin | Consultant | Product Manager
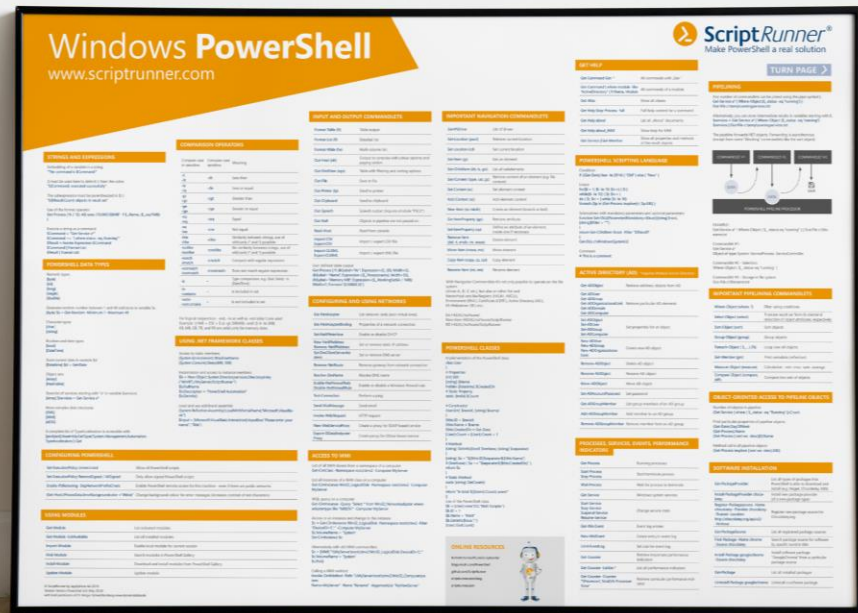
Music, music, music

linkedin.com/in/HeikoBrenn
github.com/HeikoBrenn

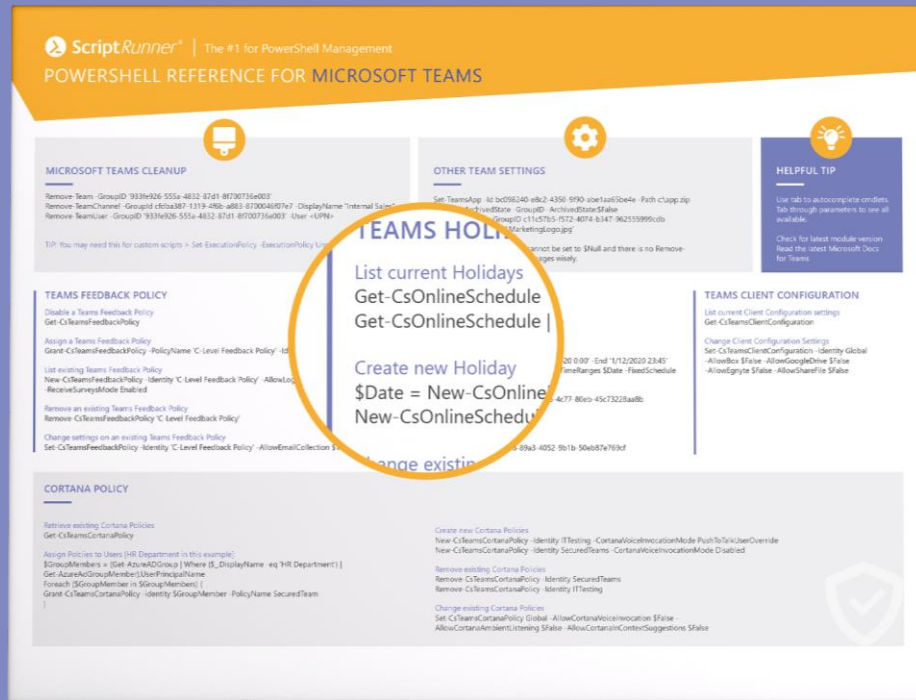twitter.com/HeikoBrenn
heiko.brenn@scriptrunner.com

PO/SH

HIGHWAY TO SHELL

Heiko Brenn
@HeikoBrenn Folgt Dir

#PowerShell & #Automation enthusiast @Script_Runner | #Security backg
lover | Drummer for @ScriptyBoyz | #Garageband experiments
Biografie übersetzen

💼 Software-Applikation 📍 Germany 🔗 linkedin.com/in/heikobrenn/
📅 Seit September 2018 bei Twitter

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Get your free 8-pages Teams PowerShell Cheat Sheet

lp.scriptrunner.com/en/teams-cheat-sheet

MICROSOFT TEAMS CLEANUP

Remove-Team -GroupID '933fe926-555a-4832-87d1-8f730736e003'
Remove-TeamChannel -GroupId cfcbaa387-1319-4f6b-a883-8700048f07e7 -DisplayName 'Internal Sales'
Remove-TeamUser -GroupID '933fe926-555a-4832-87d1-81700736e003' -User <UPN>

TIP: You may need this for custom scripts > Set-ExecutionPolicy -ExecutionPolicy U...

TEAMS FEEDBACK POLICY

Disable a Teams Feedback Policy
Get-CsTeamsFeedbackPolicy

Assign a Teams Feedback Policy
Grant-CsTeamsFeedbackPolicy -PolicyName 'C-Level Feedback Policy' -Id

List existing Teams Feedback Policy
New-CsTeamsFeedbackPolicy -Identity 'C-Level Feedback Policy' -AllowLog...
-ReceiveSurveysMode Enabled

Remove an existing Teams Feedback Policy
Remove-CsTeamsFeedbackPolicy 'C-Level Feedback Policy'

Change settings on an existing Teams Feedback Policy
Set-CsTeamsFeedbackPolicy -Identity 'C-Level Feedback Policy' -AllowEmailCollection $

CORTANA POLICY

Retrieve existing Cortana Policies
Get-CsTeamsCortanaPolicy

Assign Policies to Users (HR Department in this example)
$GroupMembers = (Get-AzureADGroup | Where {$_.DisplayName -eq 'HR Department'} |
Get-AzureAdGroupMember).UserPrincipalName
Foreach ($GroupMember in $GroupMembers) {
Grant-CsTeamsCortanaPolicy -Identity $GroupMember -PolicyName SecuredTeam }

OTHER TEAM SETTINGS

Set TeamsApp -Id bc098240-e8c2-4350-9f90-abe1aa65be4e -Path cf.app.zip
-ArchivedState -GroupID -ArchivedState:$False
-GroupID c11c57b5-f572-4074-b347-962555995cdb
-MarketingLogo.jpg

...cannot be set to $Null and there is no Remove-
...anges wisely.

TEAMS HOLI...

List current Holidays
Get-CsOnlineSchedule
Get-CsOnlineSchedule |

...20 0:00' -End '1/12/2020 23:45'
...meRanges $false -FixedSchedule

Create new Holiday
$Date = New-CsOnline
New-CsOnlineSchedu

...4c77-86e0-45c7322&aa8b

...ange existin...

...6-89a3-4052-9b1b-50eb87e769cf

TEAMS CLIENT CONFIGURATION

List current Client Configuration settings
Get-CsTeamsClientConfiguration

Change Client Configuration Settings
Set-CsTeamsClientConfiguration -Identity Global
-AllowBox $false -AllowGoogleDrive $false
-AllowEgnyte $false -AllowShareFile $false

HELPFUL TIP

Use tab to autocomplete cmdlets.
Tab through parameters to see all
available.

Check for latest module version
Read the latest Microsoft Docs
for Teams

Create new Cortana Policies
New-CsTeamsCortanaPolicy -Identity ITTesting -CortanaVoiceInvocationMode PushToTalkUserOverride
New-CsTeamsCortanaPolicy -Identity SecuredTeams -CortanaVoiceInvocationMode Disabled

Remove existing Cortana Policies
Remove-CsTeamsCortanaPolicy -Identity SecuredTeams
Remove-CsTeamsCortanaPolicy -Identity ITTesting

Change existing Cortana Policies
Set-CsTeamsCortanaPolicy Global -AllowCortanaVoiceInvocation $False -
AllowCortanaAmbientListening $false -AllowCortanaInContextSuggestions $False

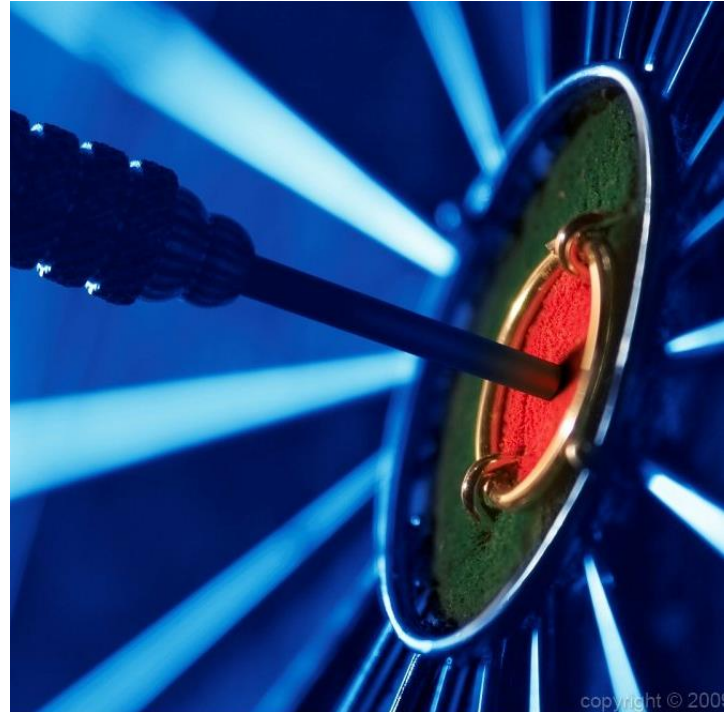# The Potential of PowerShell

Very mature command-line shell
and scripting language for IT automation

Great framework to automate
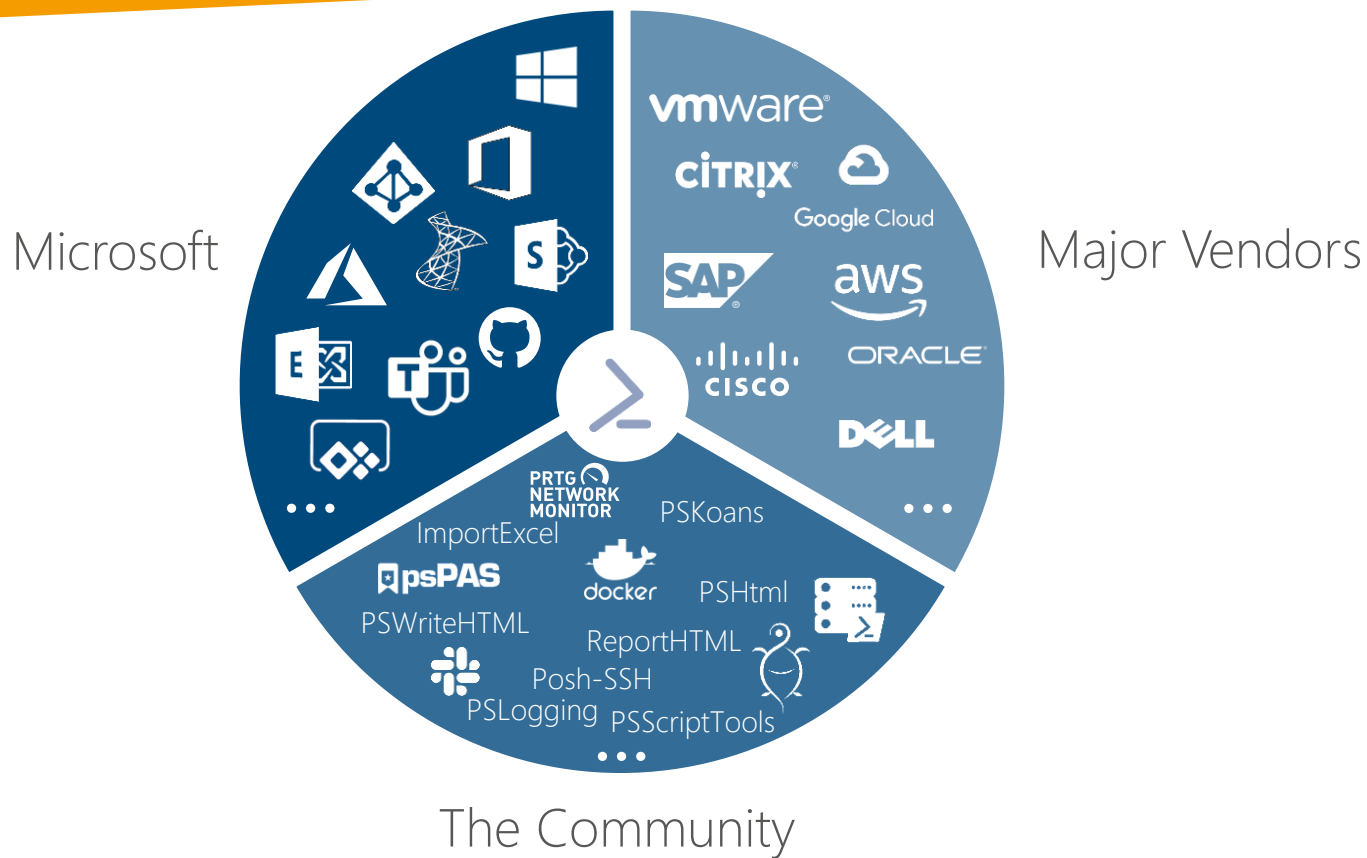recurring tasks consistently

Simplifies administration of your
entire IT infrastructure

Strong commitment from Microsoft
and many other vendors

Very vital worldwide community

copyright © 200

The PowerShell Ecosystem

Microsoft

Major Vendors

The Community

Identify your most annoying and time consuming recurring tasks

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Take a look at your daily routines

How often are you doing the same thing many times a day?

How much time do you spend with these tasks every day?

What are your top 5 recurring tasks?

Start automating and delegating

Demo

A few PowerShell example use cases

Does this remind you of the way PowerShell is used in your organization today?

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„De-centralized" PowerShell landscape

PowerShell know-how bottleneck

No org-wide secure
credential management

PowerShell is only used
in expert circles

The potential of PowerShell
remains untapped

What it takes to successfully automate with PowerShell in the enterprise

Standardization

Centralization & Security

Easy accessibility for non-IT experts

Monitoring

Integration

Automate & Delegate in 5 Steps

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- Centralize your PowerShell scripts and modules
- Manage credentials & permissions securely
- Automatically transform PowerShell scripts into Web GUIs
- Delegate recurring tasks to help desk and end users
- Integrate with ITSM, Monitoring & Workflow systems and more
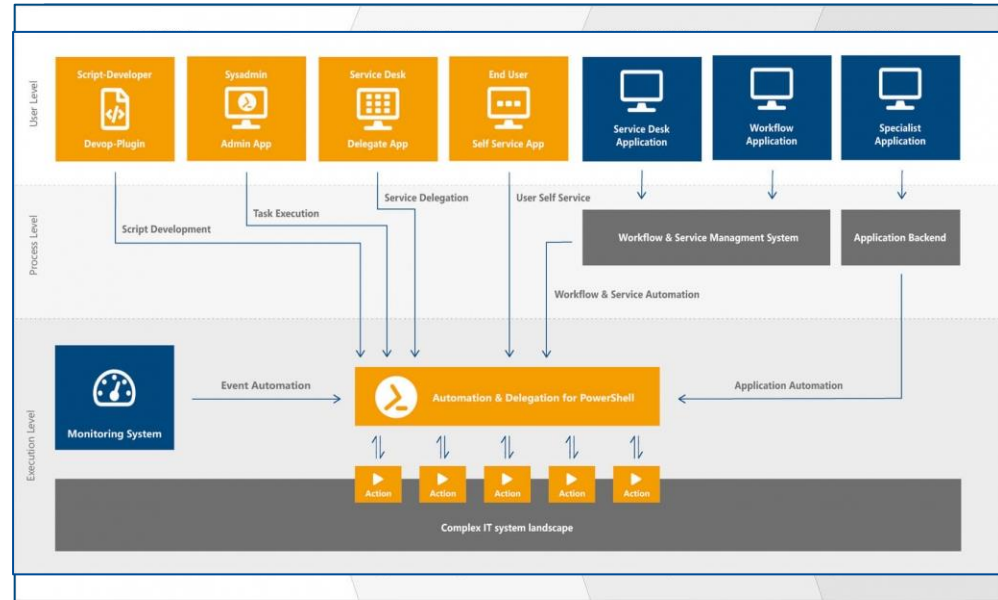
Demo

ScriptRunner in Action

Free ebook: PowerShell Security

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

PowerShell Security

SCRIPTRUNNER EDITION

Michael Pietroforte
Wolfgang Sommergut

ScriptRunner – Secure Delegation
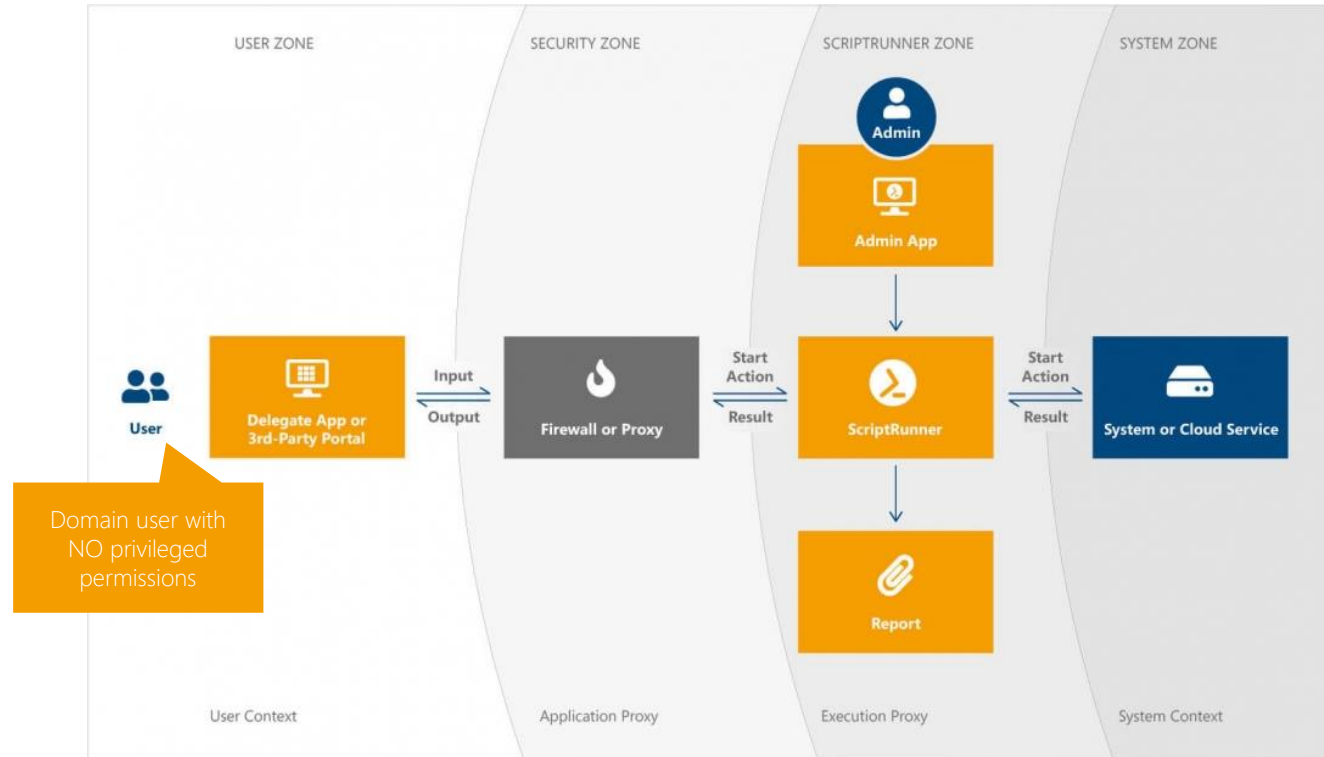
ScriptRunner test report fom a Microsoft MVP

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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 – Out-Of-Office example

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▶	**Actions**	Activate OutOfOffice
📄	**Scripts**	Set-OutOfOffice.ps1
🔓	**Credentials**	Service account with necessary permissions
🖴	**Targets**	Exchange, Exchange Online
🔍	**Queries**	Select mailboxes Select notification template
↪	**Delegation**	Help desk team, HR users

Unlock the Potential of PowerShell across your organization

ScriptRunner®

Admin | DevOps | Developer | Help Desk | End User

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30 days for free.

lp.scriptrunner.com/en/demo-download

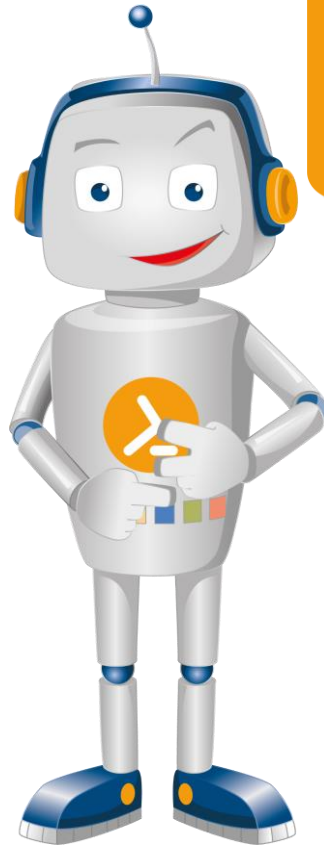Let's talk about your automation use cases. Book an online session with me.

lp.scriptrunner.com/meetings/heiko-brenn/demo-en