ScriptRunner®

Get rid of recurring management tasks with PowerShell in 5 steps

Automate. Delegate. Relax.

Heiko Brenn @heikobrenn


ScriptRunner®
The #1 for PowerShell Management
Unlock the Power of PowerShell
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Hundreds of free and ready-to-use PowerShell scripts.

github.com/scriptrunner/ActionPacks

Get your free PowerShell goodies

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POWERSHELL CHEAT SHEET

POWERSHELL SECURITY EBOOK

TEAMS POWERSHELL CHEAT SHEET

EXCHANGE POWERSHELL CHEAT SHEET

STANDARDIZATION, AUTOMATION AND DELEGATION OF RECURRING TASKS

AUTO-CREATED USER FRIENDLY WEB FORMS

INTERACTIVE, SCHEDULED AND EVENT-DRIVEN SCRIPT EXECUTION

SECURE CREDENTIAL ADMINISTRATION

COMPREHENSIVE MONITORING AND REPORTING

CENTRALIZED SCRIPTS AND MODULES MANAGEMENT

Agenda

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Why PowerShell?

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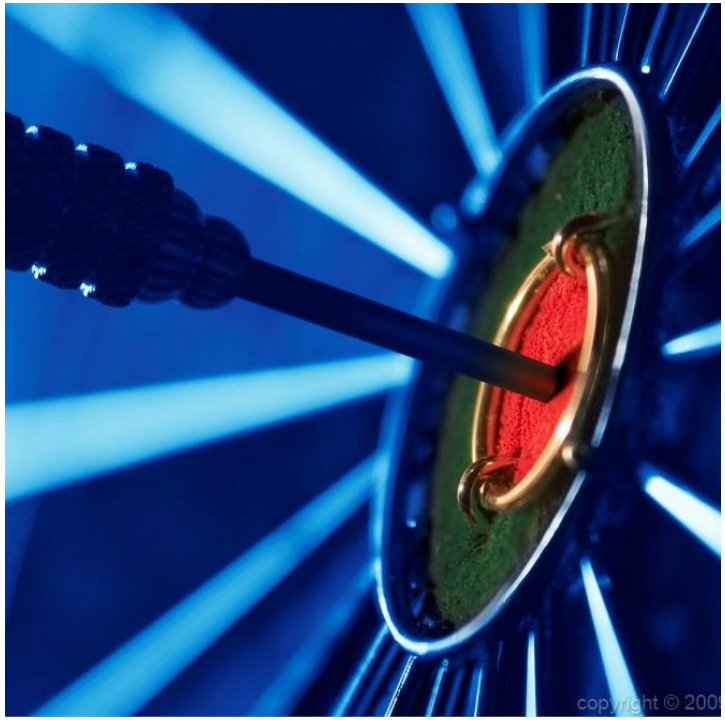
- Very mature command-line shell and scripting language for IT automation
- Great framework to automate recurring tasks consistently
- Simplifies administration of your entire IT infrastructure
- Strong commitment from Microsoft and many other vendors
- Very vital worldwide community



The PowerShell Ecosystem

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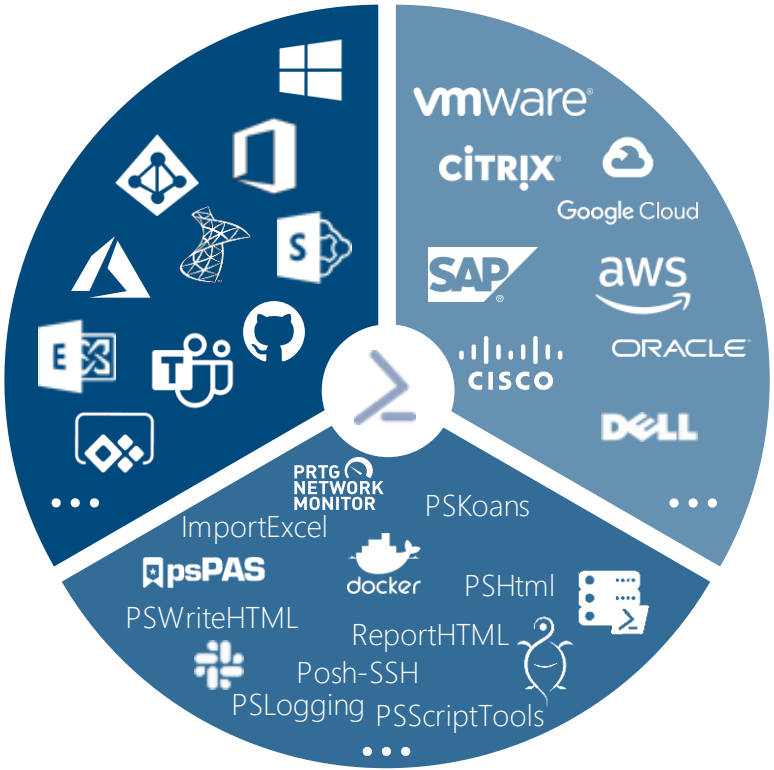
Microsoft



Major Vendors

The Community

PowerShell 7 usage is growing

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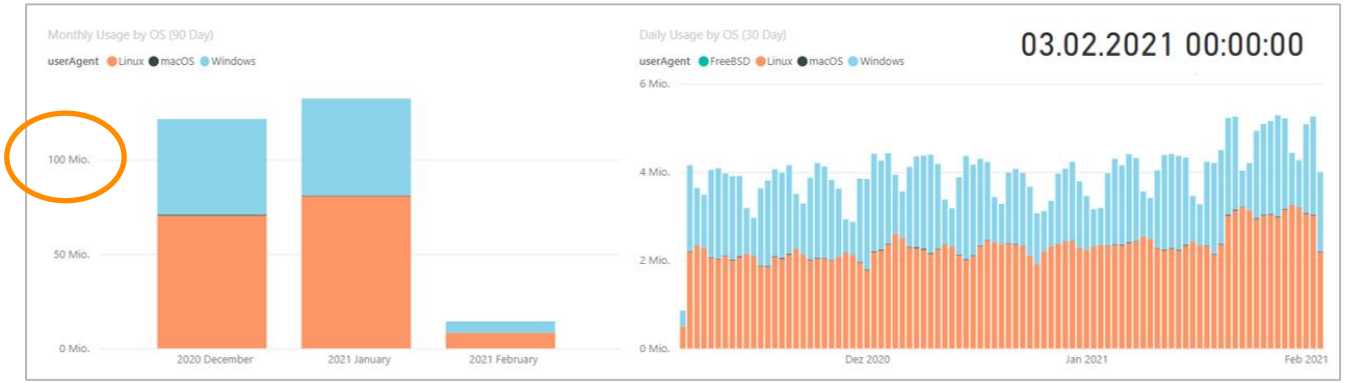

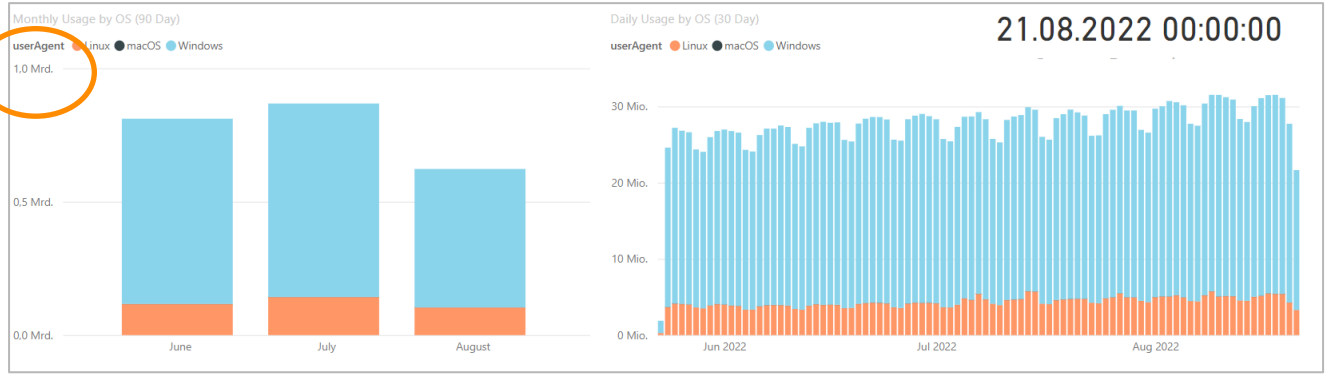

Two ways of using PowerShell

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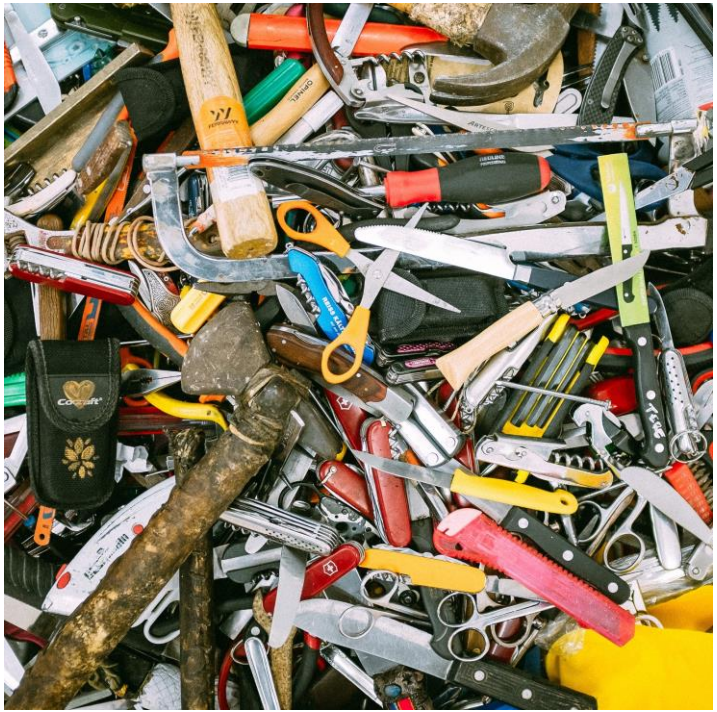

PowerShell challenges

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Let's face it.
Not everyone is a scripting expert

„De-centralized" PowerShell landscape

How to enable support teams & LOB users to use PowerShell?

Know-how bottlenecks
Security concerns (credentials)

PowerShell is only used by a few IT experts

Unlock the power of PowerShell in 5 steps

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- Centralized script and module management
- Secure credential and permission management
- Great user experience
  Easy-to-use interface
- Flexible & secure delegation
- Comprehensive monitoring and reporting

Centralized script and module management

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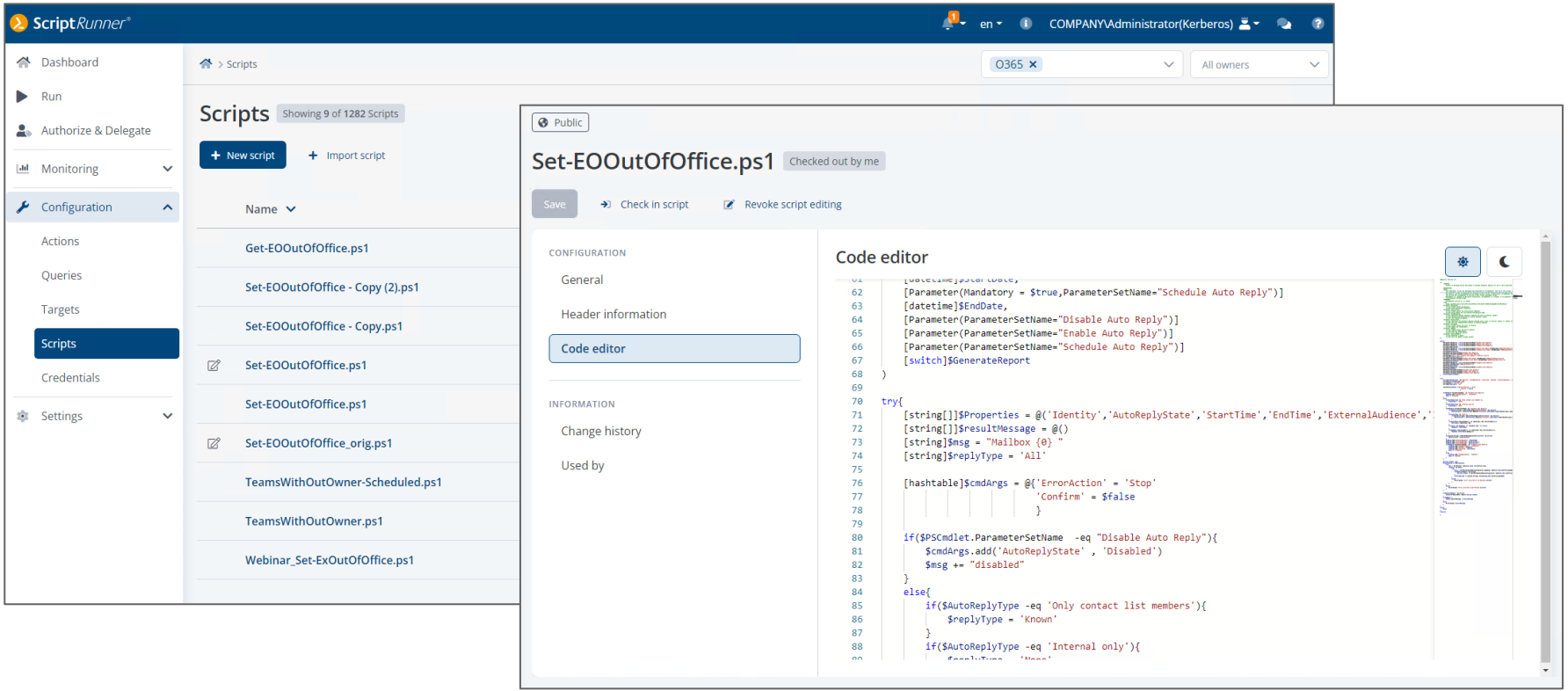

Password Server Support

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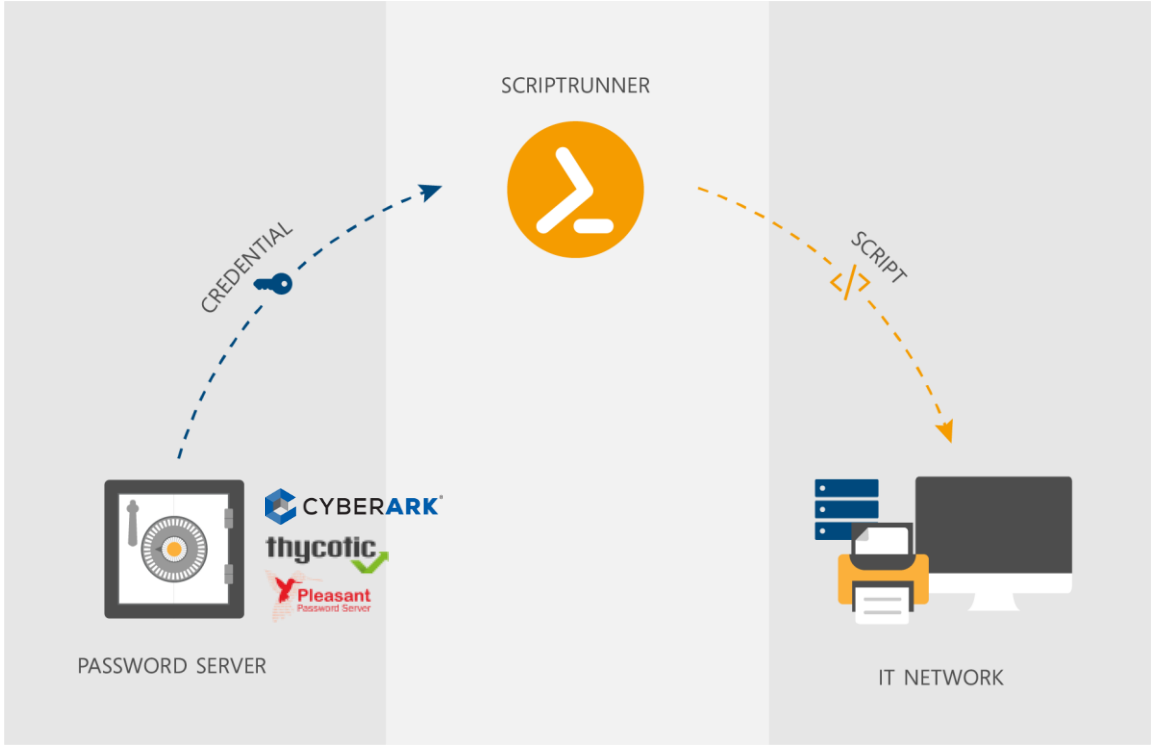
- Centralized password safes
  - CyberArk Password Vault
  - Pleasant Password Server
  - Thycotic Secret Server
- No credentials are stored locally
- Automatic password rotation
- One single secure password repository for multiple ScriptRunner instances



Secure delegation without back-end access/permissions

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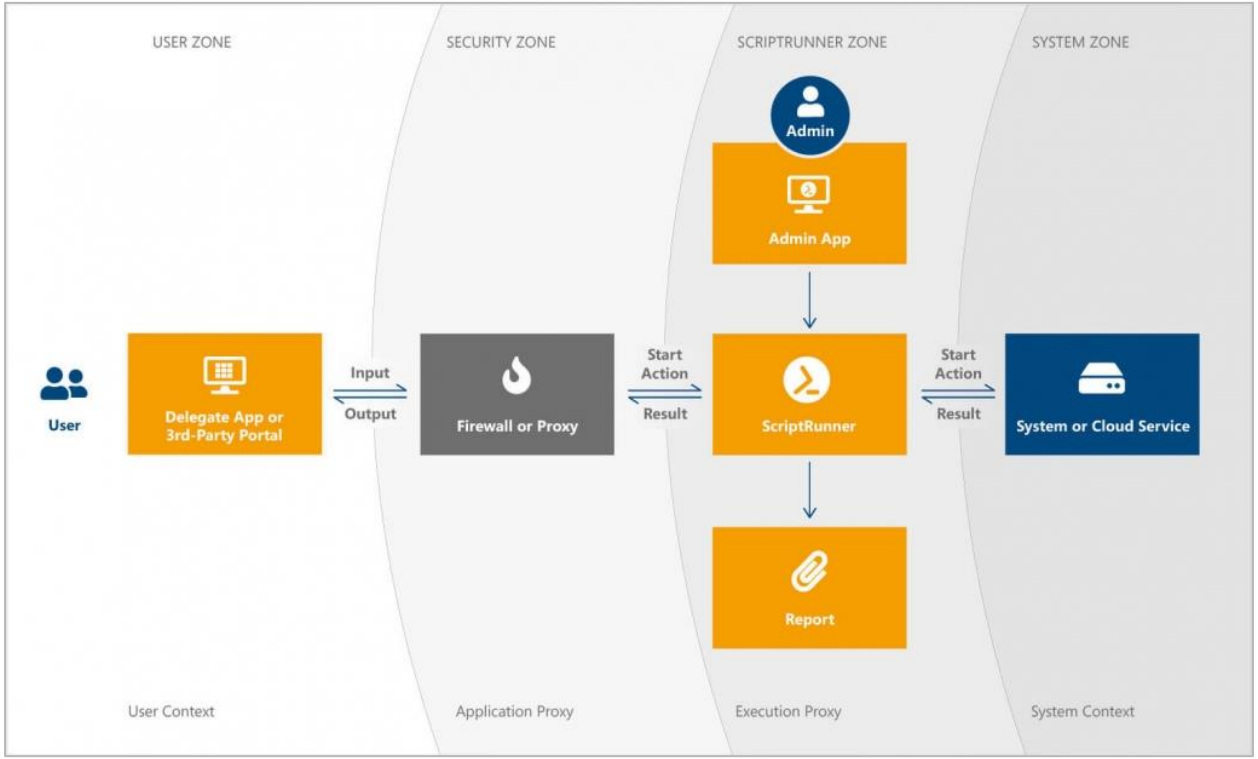

Don‘t get „Ubered“ – Stop storing credentials in scripts!

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using the hijacked H1 account to post updates on bounty submissions to brag about the degree of their pwnage, claiming they have all kinds of superuser access within the ride-hailing app biz.

It also means the intruder has access to Uber's security vulnerability reports.

Infosec watcher Corben Leo, meanwhile, said he spoke to the miscreant responsible for this mess.

We're told that an employee was socially engineered by the attacker to gain access to Uber's VPN, through which the intruder scanned the network, found a PowerShell script containing the hardcoded credentials for an administrator user in Thycotic, which were then used to unlock access to all of Uber's internal cloud and software-as-a-service resources, among other things.

After that, everything was at the intruder's fingertips, allegedly.

Judging from screenshots leaked onto Twitter, though, an intruder has compromised Uber's AWS cloud account and its resources at the administrative level; gained admin control over the corporate Slack workspace as well as its Google G Suite account that has over 1PB of storage in use; has control over Uber's VMware vSphere deployment and virtual machines; access to internal finance data, such as corporate expenses; and more.

If this correct, Uber has been significantly compromised with data and infrastructure at multiple levels available to the intruder. This likely includes customers and drivers' personal data.

There have been further claims of unauthorized access to a Confluence installation, private source code repositories, and a SentinelOne security dashboard used by the app developer's incident response team.

PowerShell for Everyone

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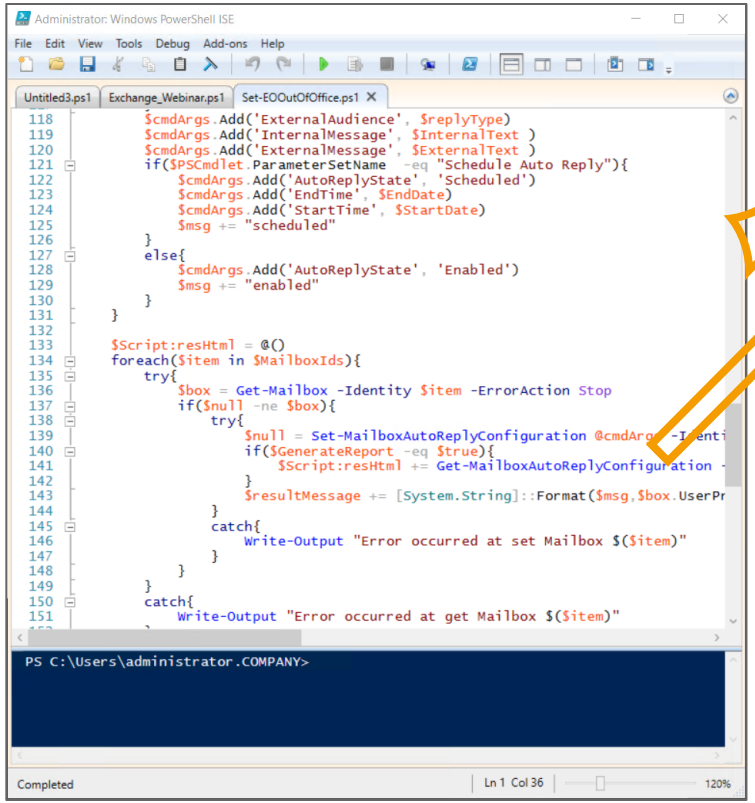
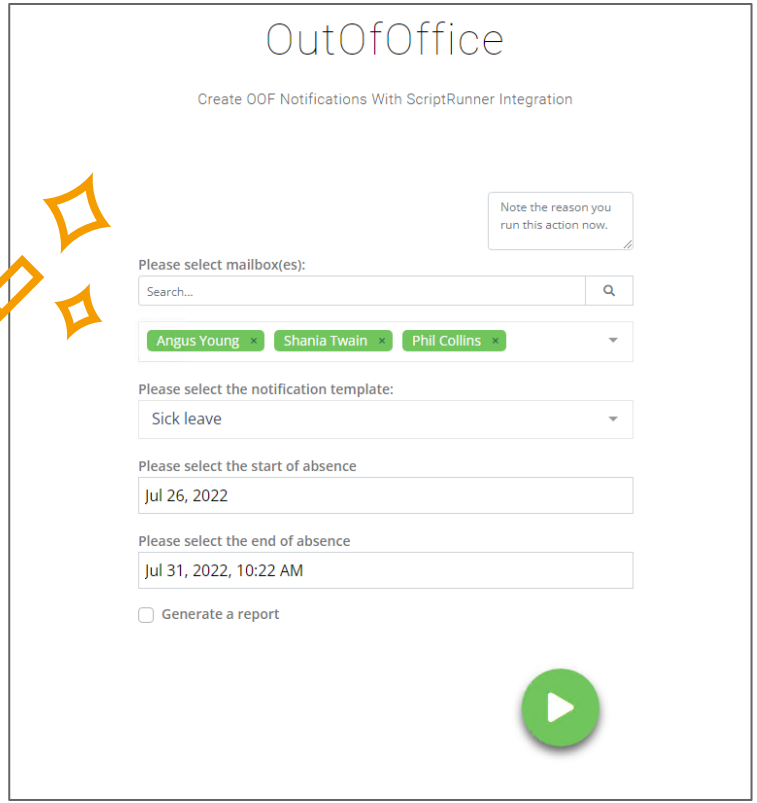
The Script





The User Experience

Flexible & secure delegation

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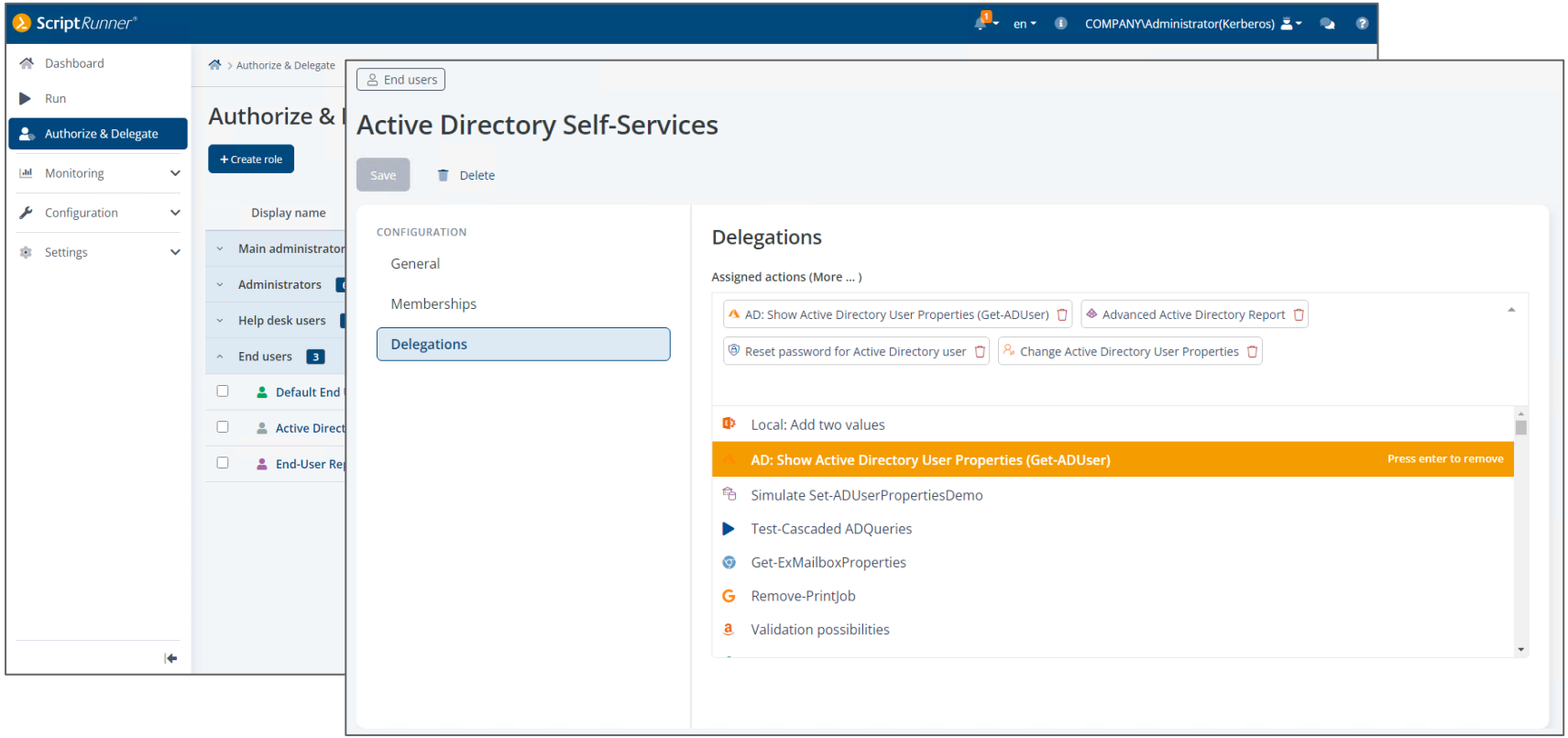

Comprehensive monitoring and reporting

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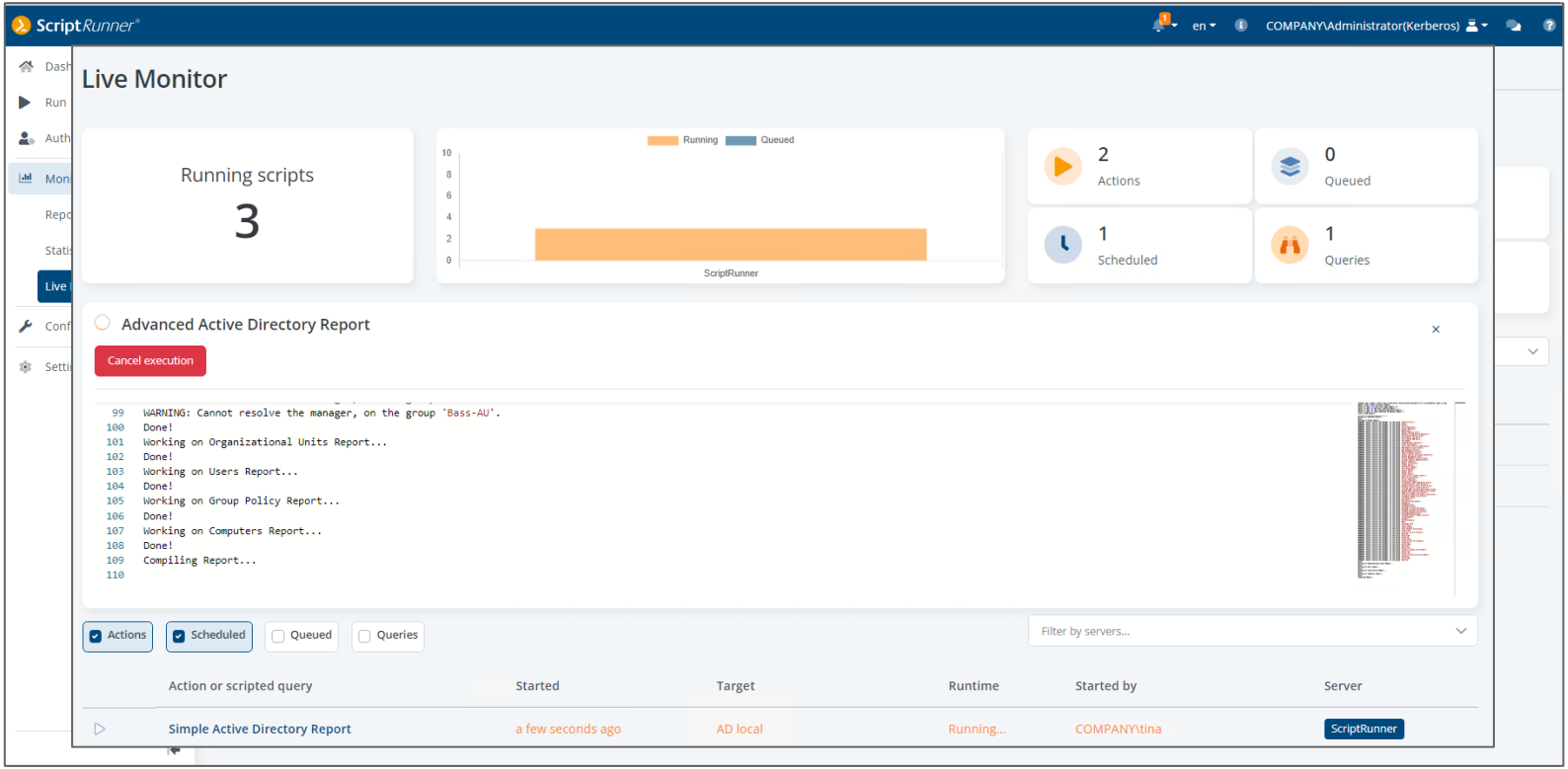

Demo

Unlock the power of PowerShell

Automate & Delegate in 5 Steps

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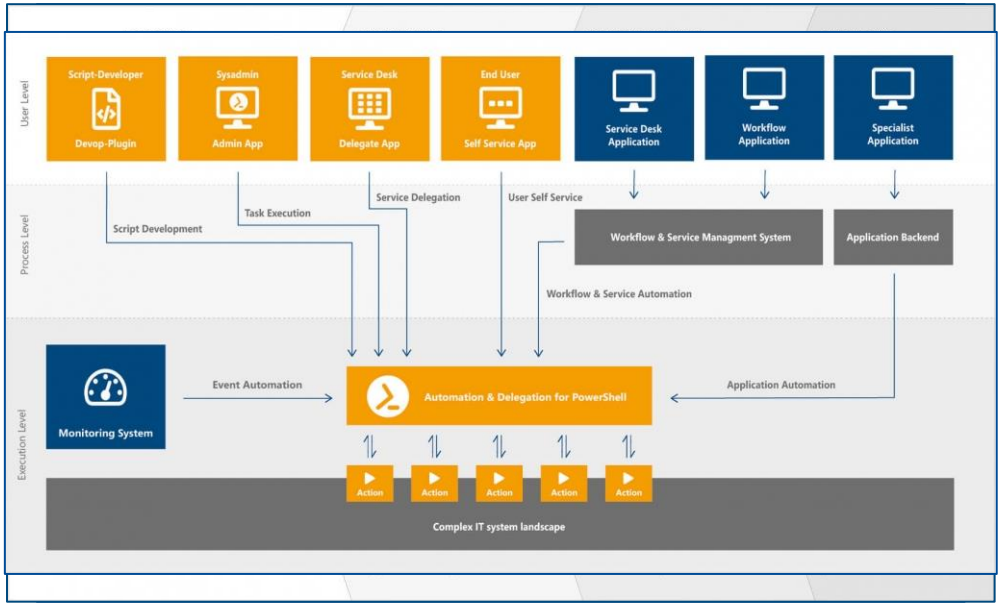
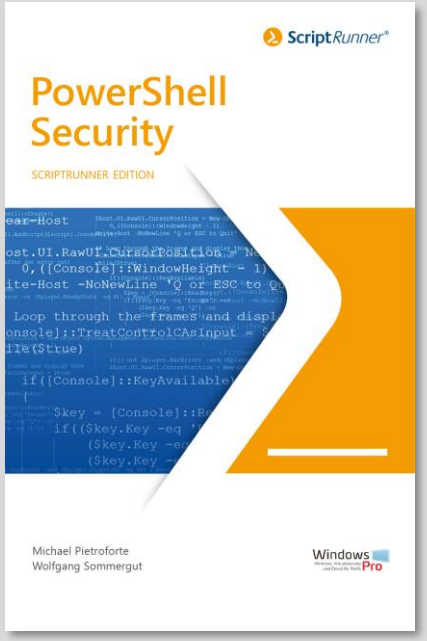
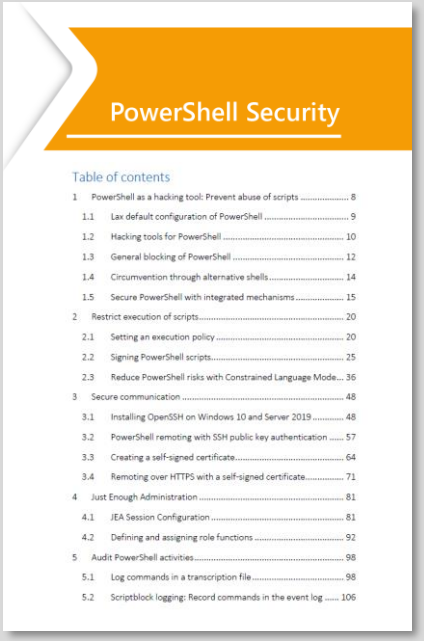
- Centralize your PowerShell scripts and modules
- Manage credentials & permissions securely
- Automatically transform PowerShell scripts into Web GUIs
- Delegate recurring tasks to help desk and end users
- Integrate with ITSM, Monitoring & Workflow systems and more



Free ebook: PowerShell Security

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





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github.com/scriptrunner/ActionPacks

Unlock the Potential of PowerShell across your organization

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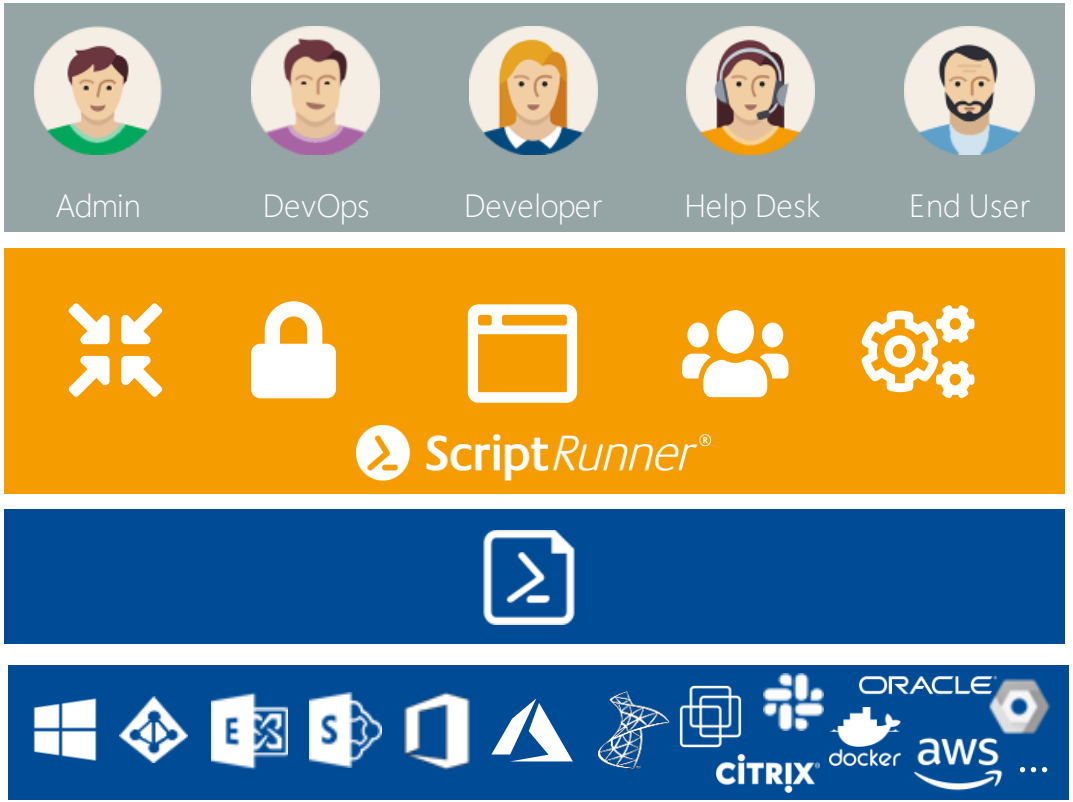

Unlock the Power of PowerShell across your organization

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Manager

Our organization becomes more productive

Delegate recurring tasks and save time

Deliver great scripts in a secure environment

Deliver more & better services in less time

Administrator

DevOps

HelpDesk

Developer

Develop scripts for more use cases/users

EndUser

Faster task completion with self-services

STANDARDIZATION, AUTOMATION AND DELEGATION OF RECURRING TASKS

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Put ScriptRunner to the test. 30 days for free.

lp.scriptrunner.com/en/demo-download

Let’s talk about your automation use cases. Book a 30 minutes online session.

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ScriptRunner product review

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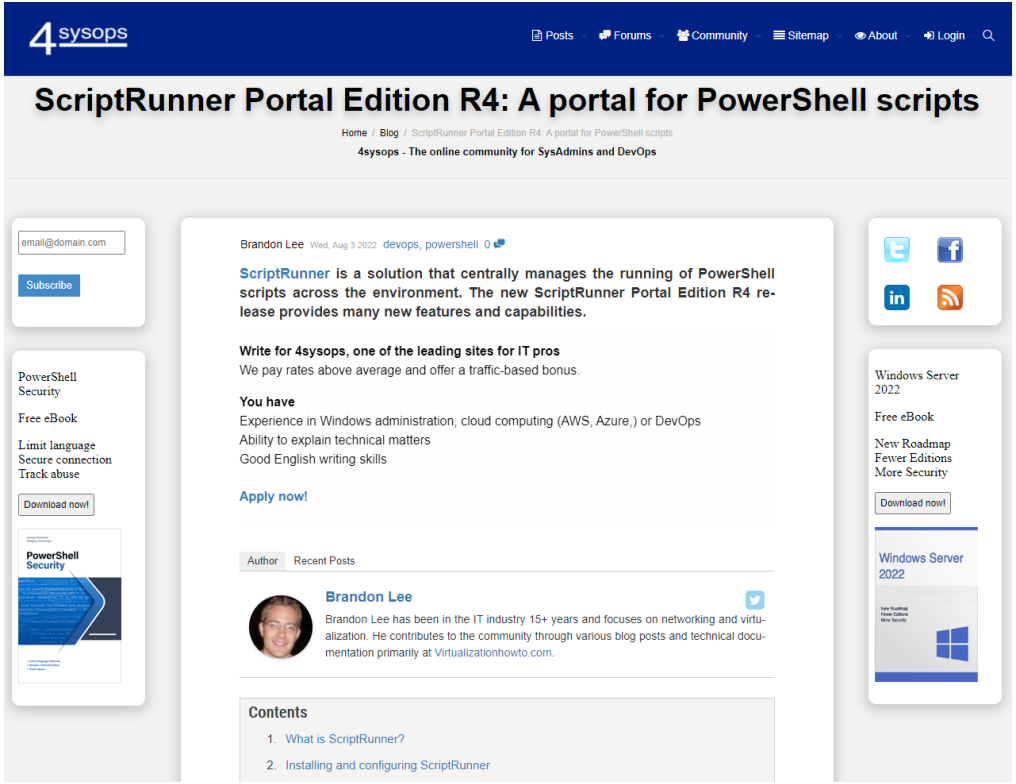

https://4sysops.com/archives/scriptrunner-portal-edition-r4-a-portal-for-powershell-scripts/

Experts Live Netherlands

I'm speaking at Experts Live Netherlands 2022

Unlock the Power of PowerShell in 5 steps

Sep/30/2022 — 's-Hertogenbosch, Netherlands

Heiko Brenn

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AMA

Ask Me Anything Session

With Heiko Brenn & Markus Hipp

Live: Friday, September 23rd | 11 am EDT | 4 pm BST | 17:00 CEST

@Script_Runner @HeikoBrenn ScriptRunnerPowerShell

Let's get in touch

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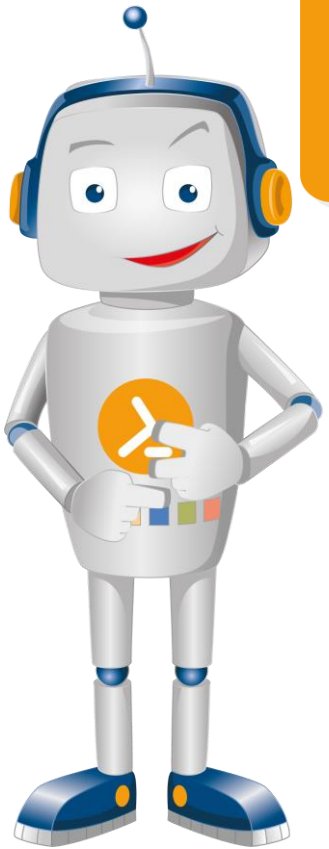

Thank you!

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