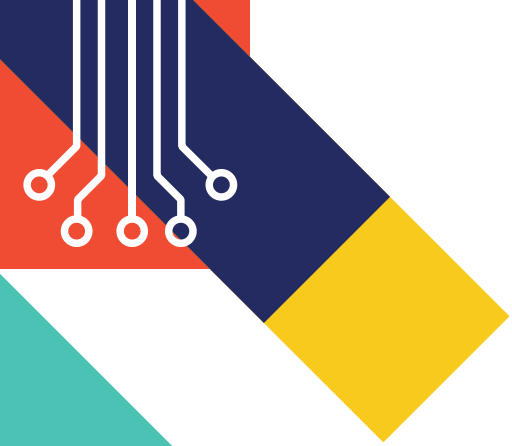


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Top 10 Active Directory Management Tasks with PowerShell

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Active Directory Automation

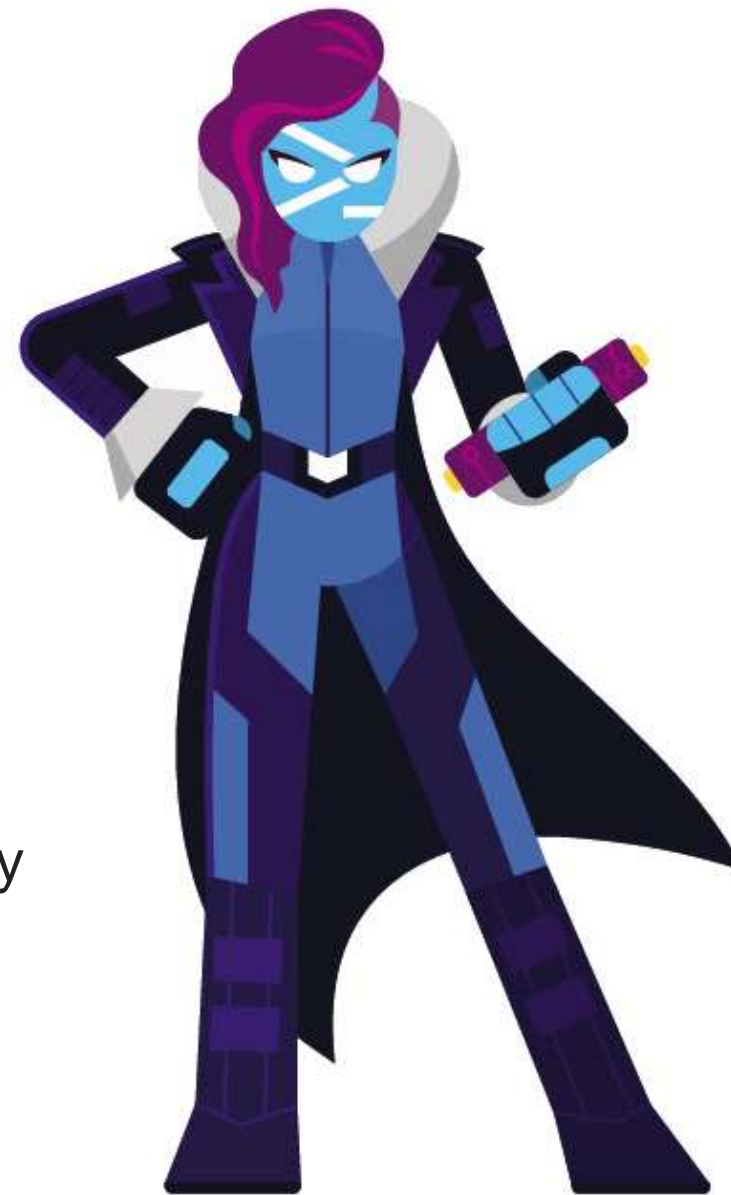
Active Directory management is full of repetitive tasks

GUI based tools don't scale

PowerShell can be used interactively

PowerShell can be used as an automation engine

Automation means efficiency *and* consistency



Requirements

- Windows PowerShell 5.1
 - Remote Server Administration Tools
 - Active Directory Module
 - Add-WindowsCapability -name rsat.ActiveDirectory* -online
 - Windows Server 2012 Domain Controller (minimum)
 - Everything is done from a Windows client desktop
-





Common Tasks

1. Get FSMO Holders
2. Find Empty OUs
3. Create new users
4. Find inactive user accounts
5. Find inactive computer accounts





Common Tasks

- 6. Find Empty Groups
- 7. Enumerate Nested Group Membership
- 8. List User Group Memberships
- 9. Password Age Report
- 10. Domain Controller Health



The slide features a central white background with the text "To the console...". On the left and right sides, there are colorful geometric shapes (yellow, red, teal, and dark blue) and white line-art icons. The left side includes a circuit board icon at the top and a microchip icon at the bottom. The right side includes a power button icon at the top, a Wi-Fi signal icon in the middle, and a server rack icon at the bottom.

To the console...

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Resources

<https://github.com/jdhitsolutions/ADTop10Tasks>

<https://jdhitsolutions.com>

[Pluralsight.com](https://www.pluralsight.com)

<https://leanpub.com/powershell-scripting-toolmaking>





Thank you.

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