Master PowerShell with Azure Automation Accounts



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Multiple ways to automate with scripts or code...

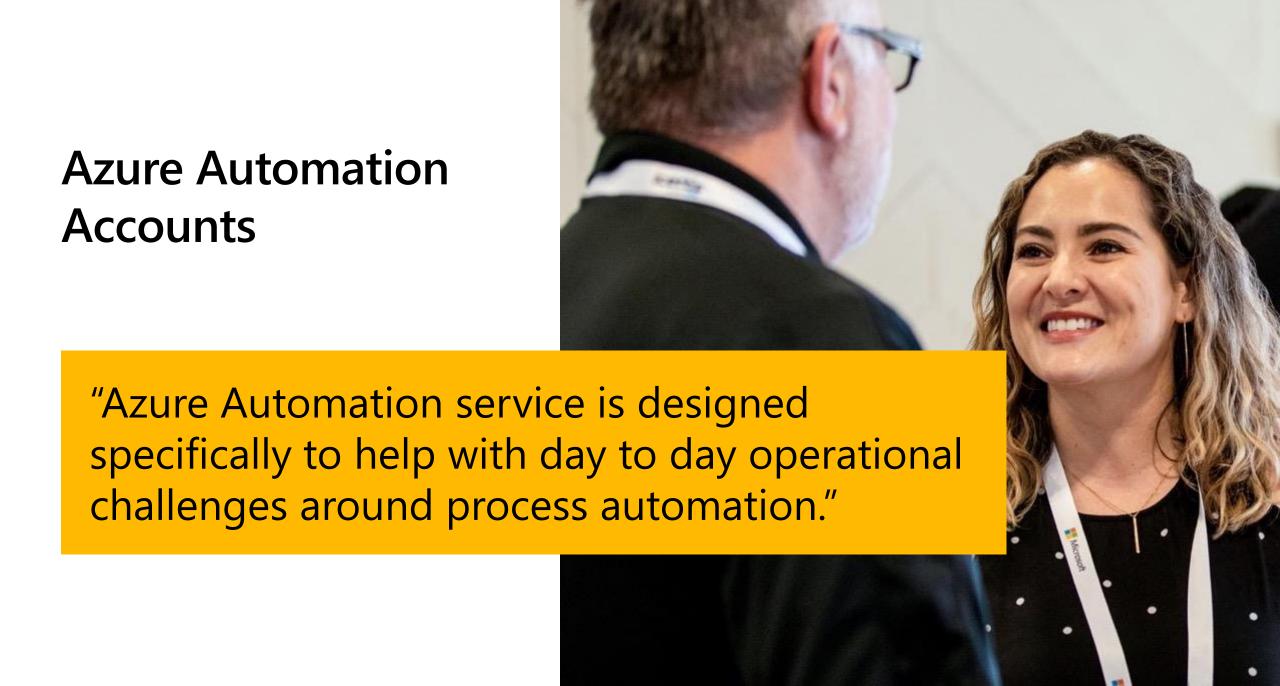
...once you have your automation, deploy to:

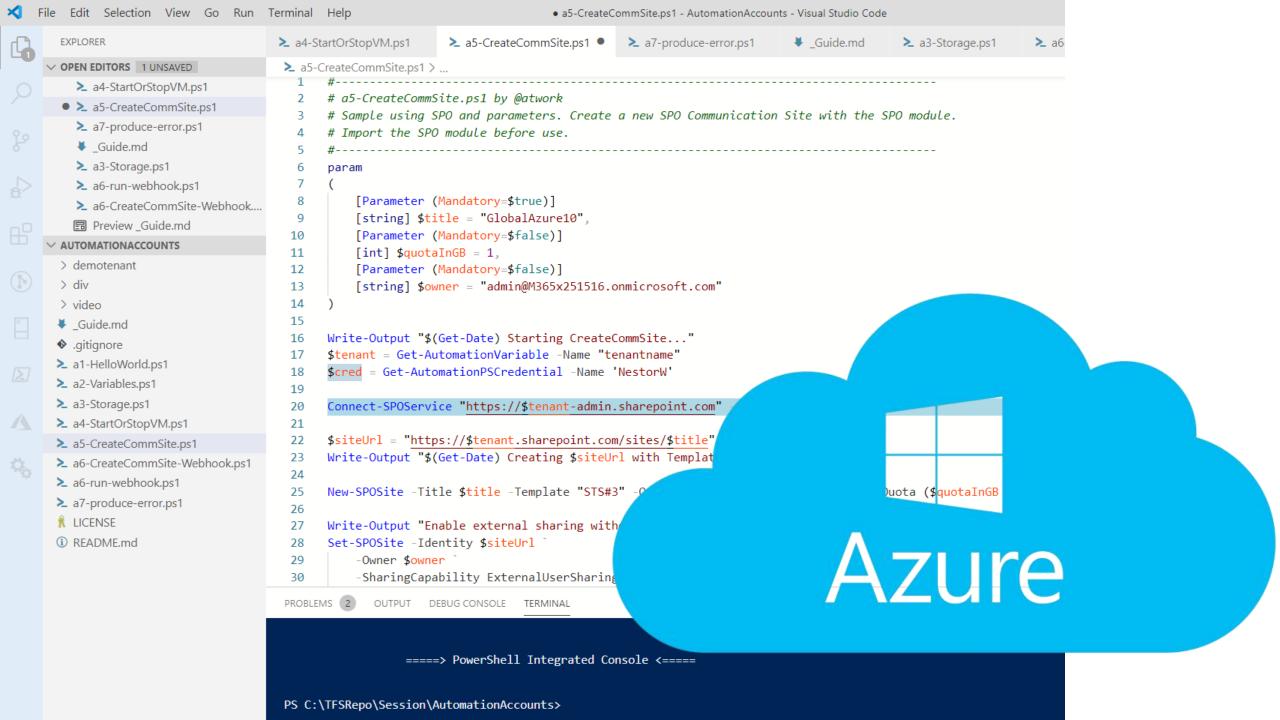
Azure Logic Apps (& Power Automate)

- Azure Automation Accounts
- Azure Functions
- Web APIs (REST endpoints...)

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Schedule your custom tasks

Microsoft 365 Management Automate!



Use them for workflows



Streamline the creation and use of collaboration features



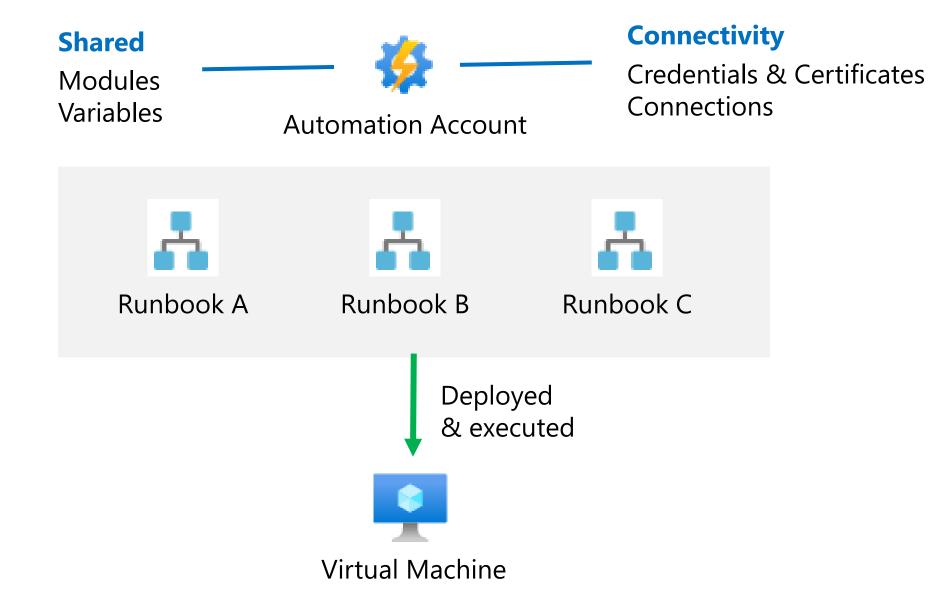
Leverage self-service capabilities to reduce costs and save time

Demo

Working with an Automation Account



How do Azure Automation Accounts work?

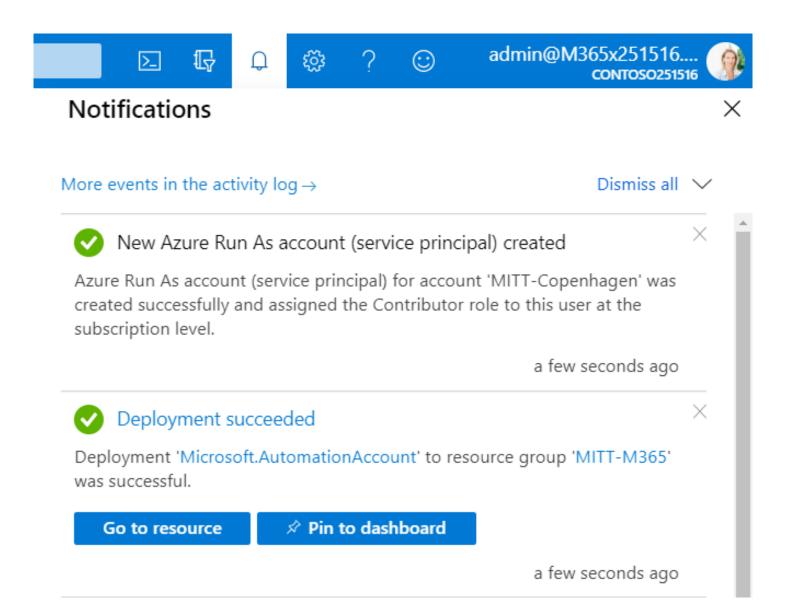


Demo

- Create an Automation Account
- Work with Scripts
- Add Runbooks Gallery
- Add Modules
- Secure your credentials
- Working with Webhooks
- Log Analytics



Note what happens when a new AA is created...



Modules

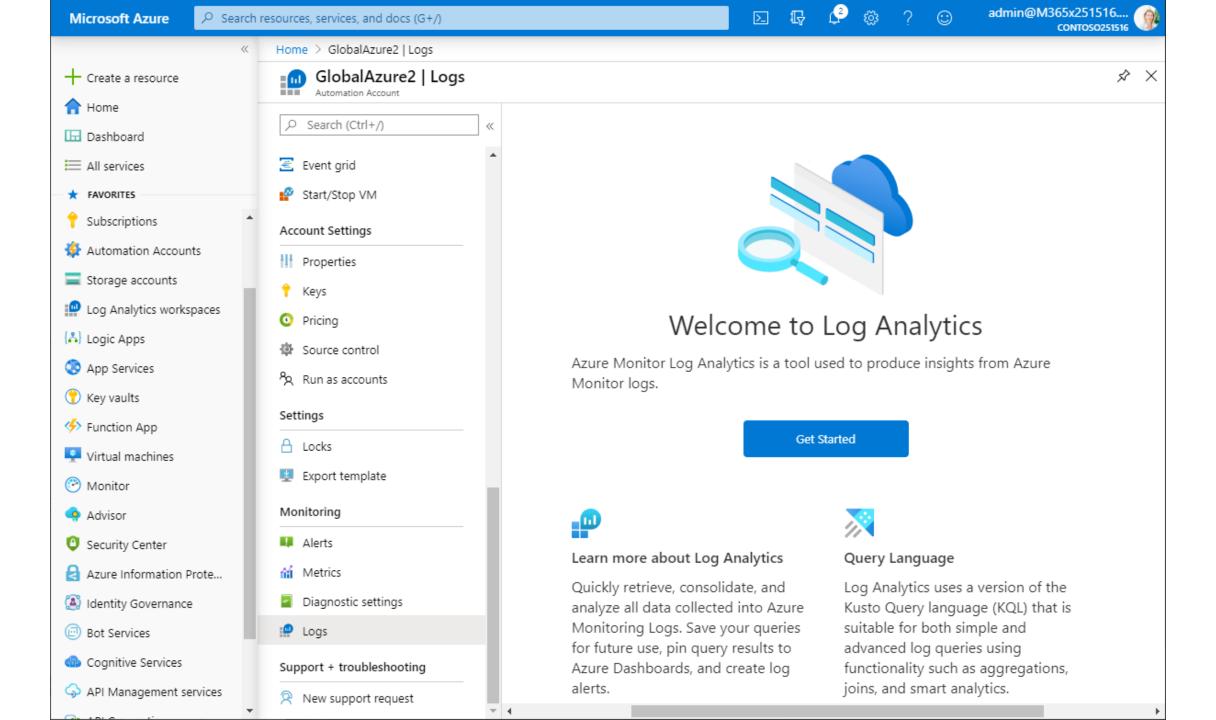


Run, Schedule, Webhooks



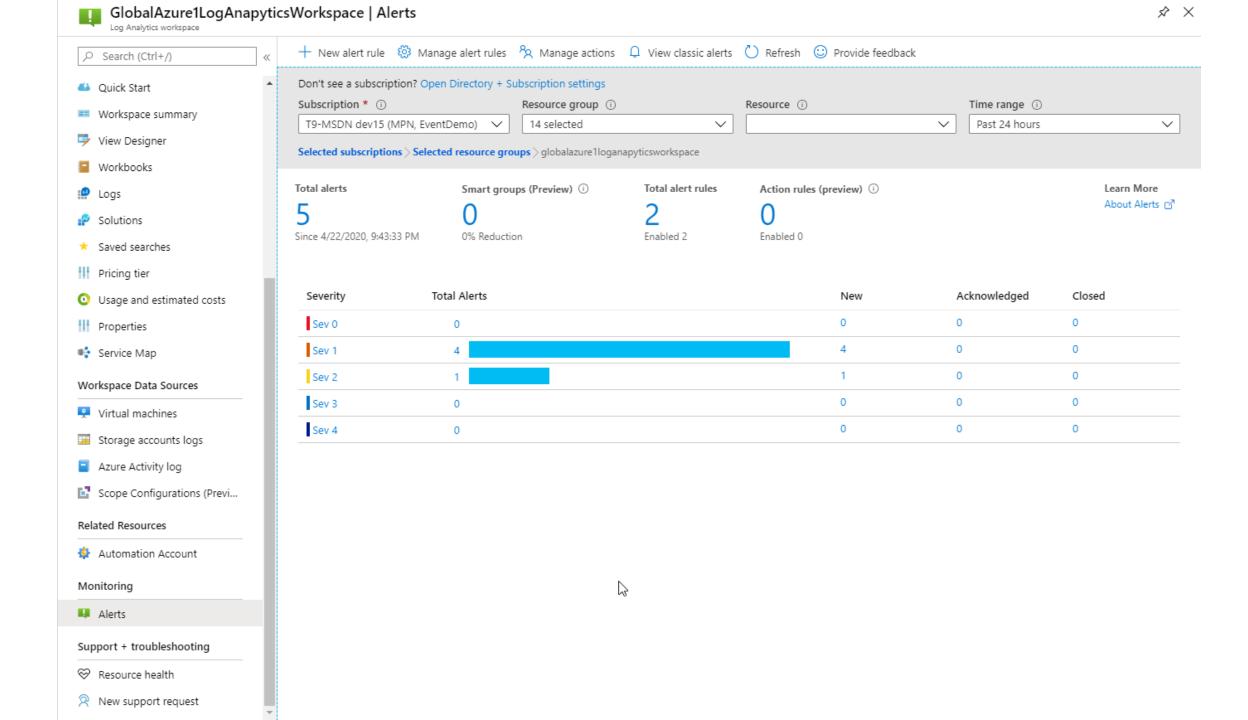
Logging





Monitoring and Alerting





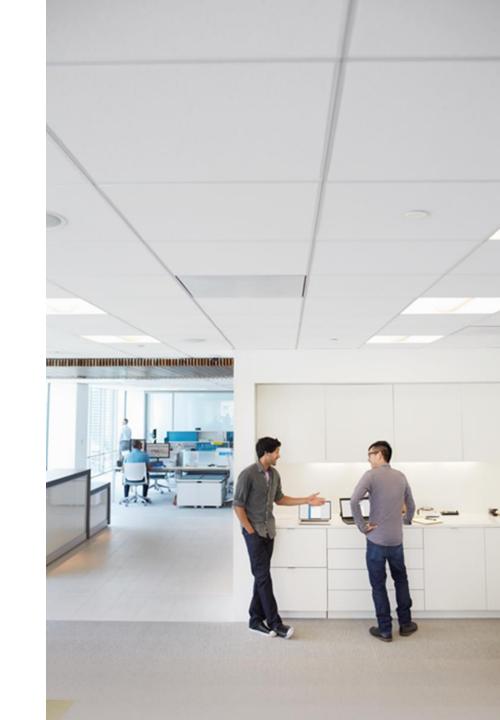
With an Azure Automation Account, you get...

500 free minutes per month Then, € 0,002/minute



Summary

- Plan your scripts/functions
- Deploy
- Test it with a demo tenant
- Learn developing for the cloud...
- Redeploy
- Service the solution



More about Azure Automation Accounts...

- Some samples <u>https://github.com/tonipohl</u>
- Create a standalone Azure Automation account <u>https://docs.microsoft.com/en-us/azure/automation/automation-create-standalone-account</u>
- Ignite 2019: BRK3178 Azure automation for managing servers across your environment https://myignite.techcommunity.microsoft.com/sessions/81586?source=sessions
- How to configure Azure Automation Visual Studio Code Extension
 https://kaidojarvemets.com/how-to-configure-azure-automation-visual-studio-code-extension/
 https://docs.microsoft.com/en-us/azure/active-directory/develop/howto-create-service-principal-portal
- Use Log Analytics workspace <u>https://docs.microsoft.com/en-us/azure/automation/automation-manage-send-joblogs-log-analytics</u>
- Forward job status and job streams from Automation to Azure Monitor logs <u>https://docs.microsoft.com/en-us/azure/automation/how-to/region-mappings</u>
- Onboard Update Management, Change Tracking, and Inventory solutions
 https://docs.microsoft.com/en-us/azure/automation/automation-onboard-solutions-from-automation-account
- Send an email when a runbook job fails or suspends
 https://docs.microsoft.com/en-us/azure/automation/automation-manage-send-joblogs-log-analytics#send-an-email-when-a-runbook-job-fails-or-suspends

Hope, you like Azure Automation Accounts...

Thank you!

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