Introduction to Microsoft Dev Box

semperis

ScriptRunner®
Your #1 for PowerShell Automation

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- MVP in Azure Hybrid and Migration since May 2024 (fresh born)
- Senior Azure Engineer
- https://www.linkedin.com/in/psinnathurai/
- https://medium.com/@pratheep.sinnathurai
- https://blog.sinnathurai.ch/

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Why Dev Box? #1

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Why Dev Box? #2

Microsoft
Azure Virtual Desktop

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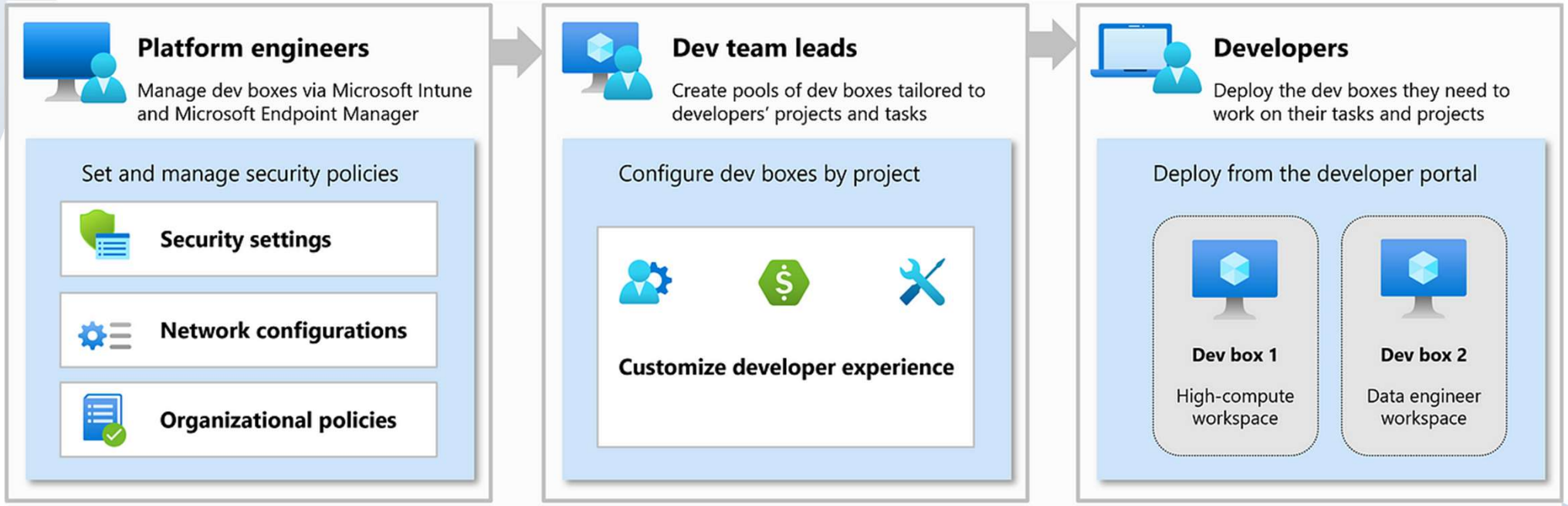
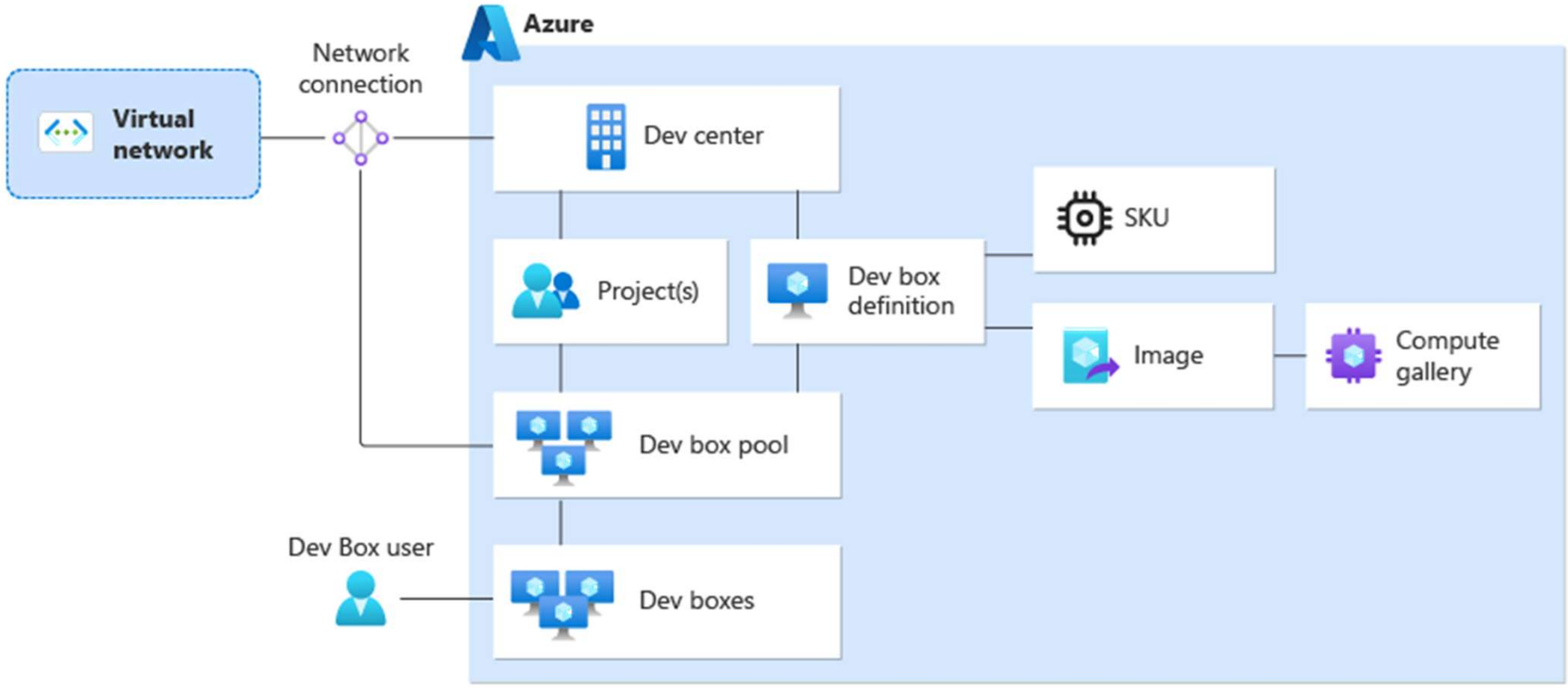
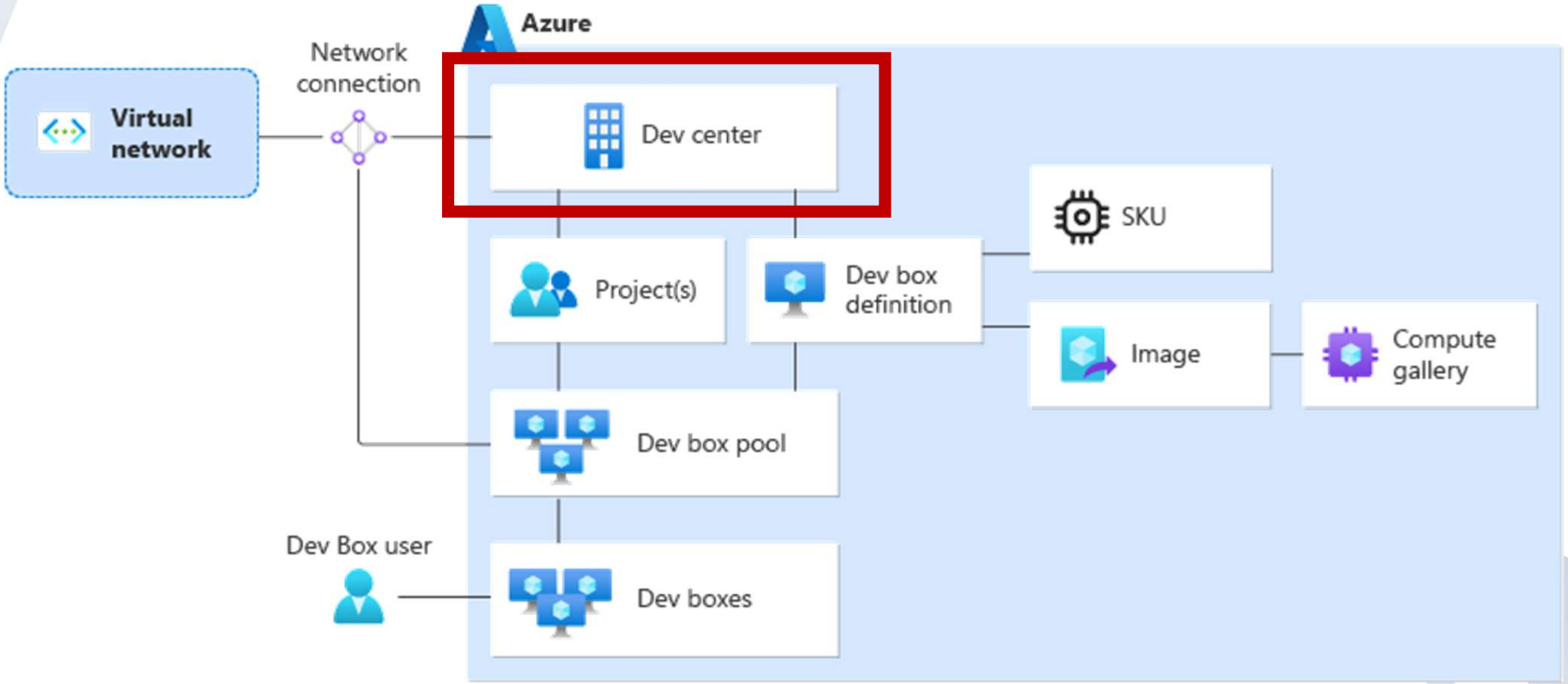
Why Dev Box? #3


Platform engineers
Manage dev boxes via Microsoft Intune and Microsoft Endpoint Manager
Set and manage security policies
Security settings
Network configurations
Organizational policies
Dev team leads
Create pools of dev boxes tailored to developers' projects and tasks
Configure dev boxes by project
Customize developer experience
Developers
Deploy the dev boxes they need to work on their tasks and projects
Deploy from the developer portal
Dev box 1
High-compute workspace
Dev box 2
Data engineer workspace

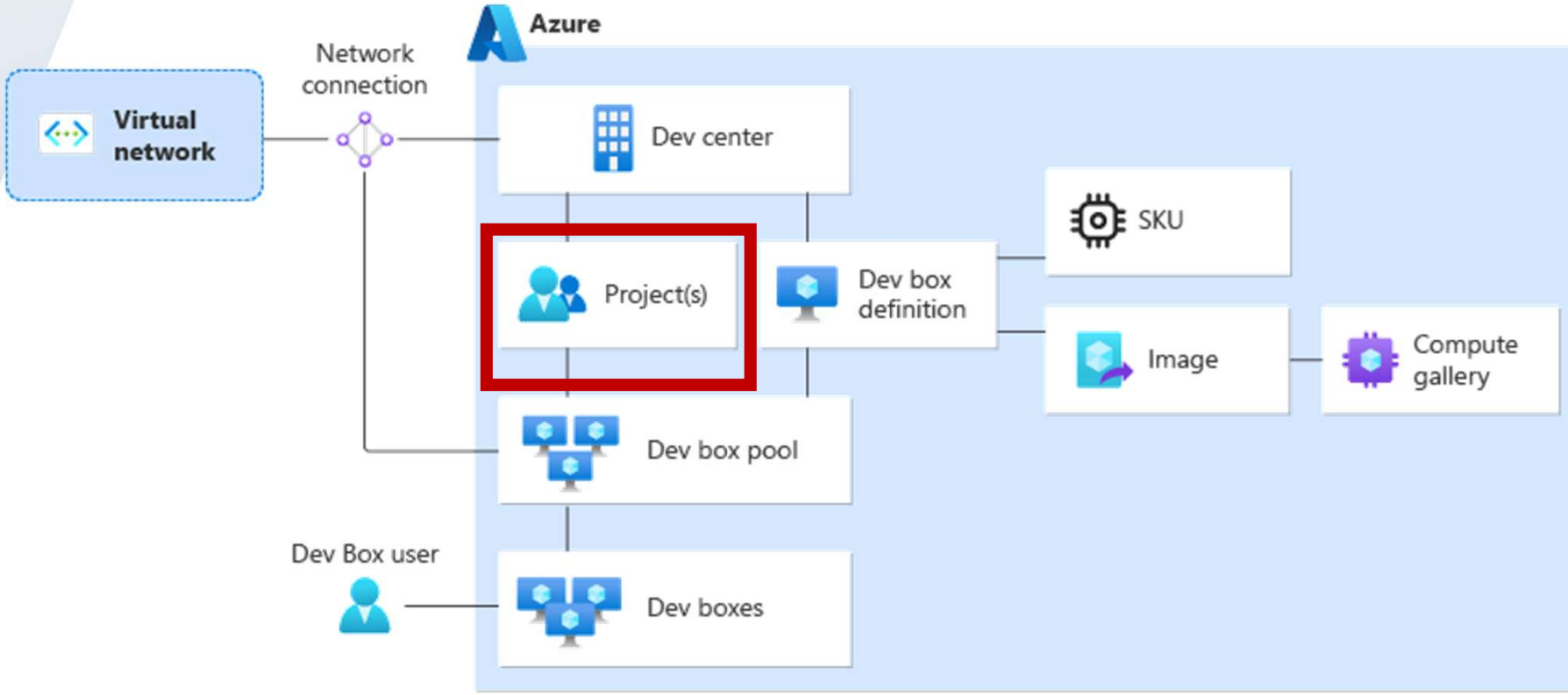
Architecture



Dev Center


Azure
Network connection
Virtual network
Dev center
Project(s)
Dev box definition
SKU
Image
Compute gallery
Dev box pool
Dev Box user
Dev boxes

Projects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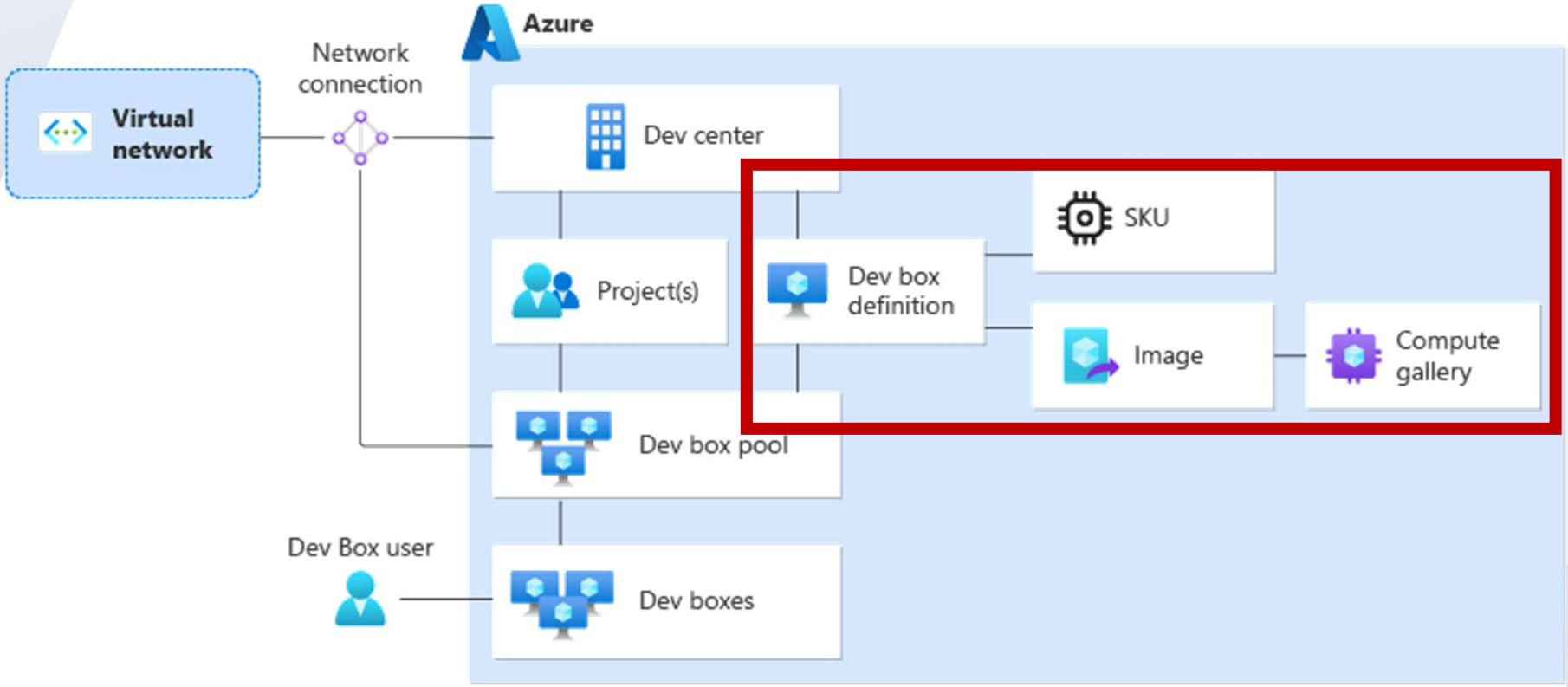
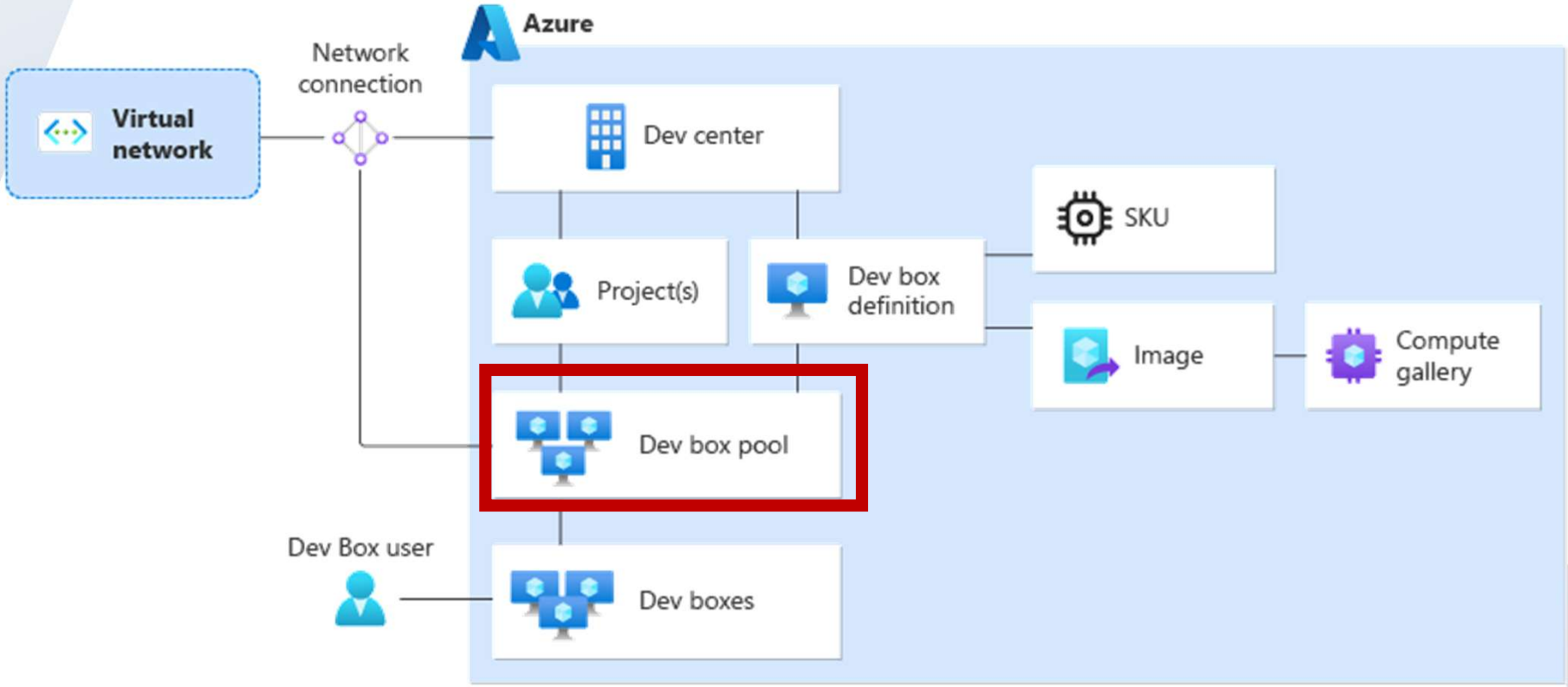
Dev boxes

Dev Box Definition



Dev Box Pools



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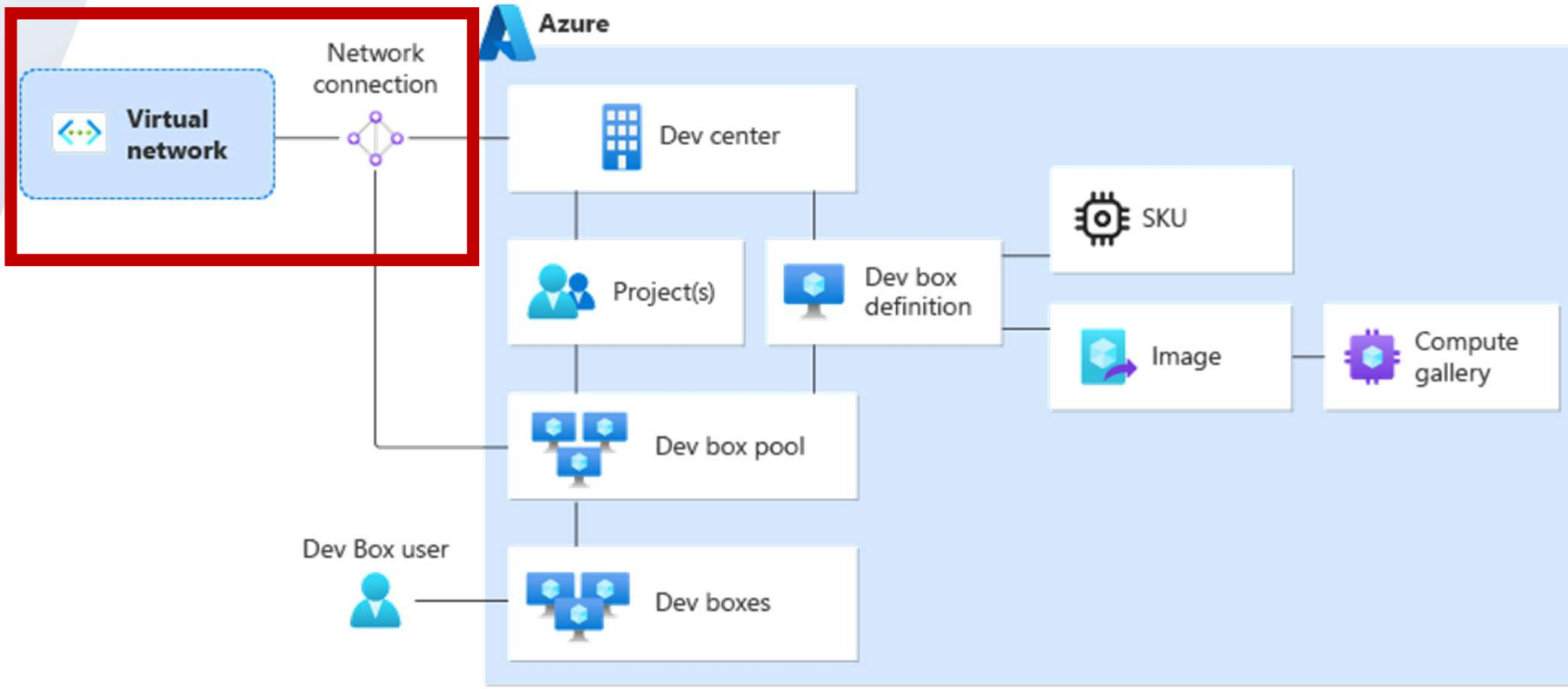
Virtual Network



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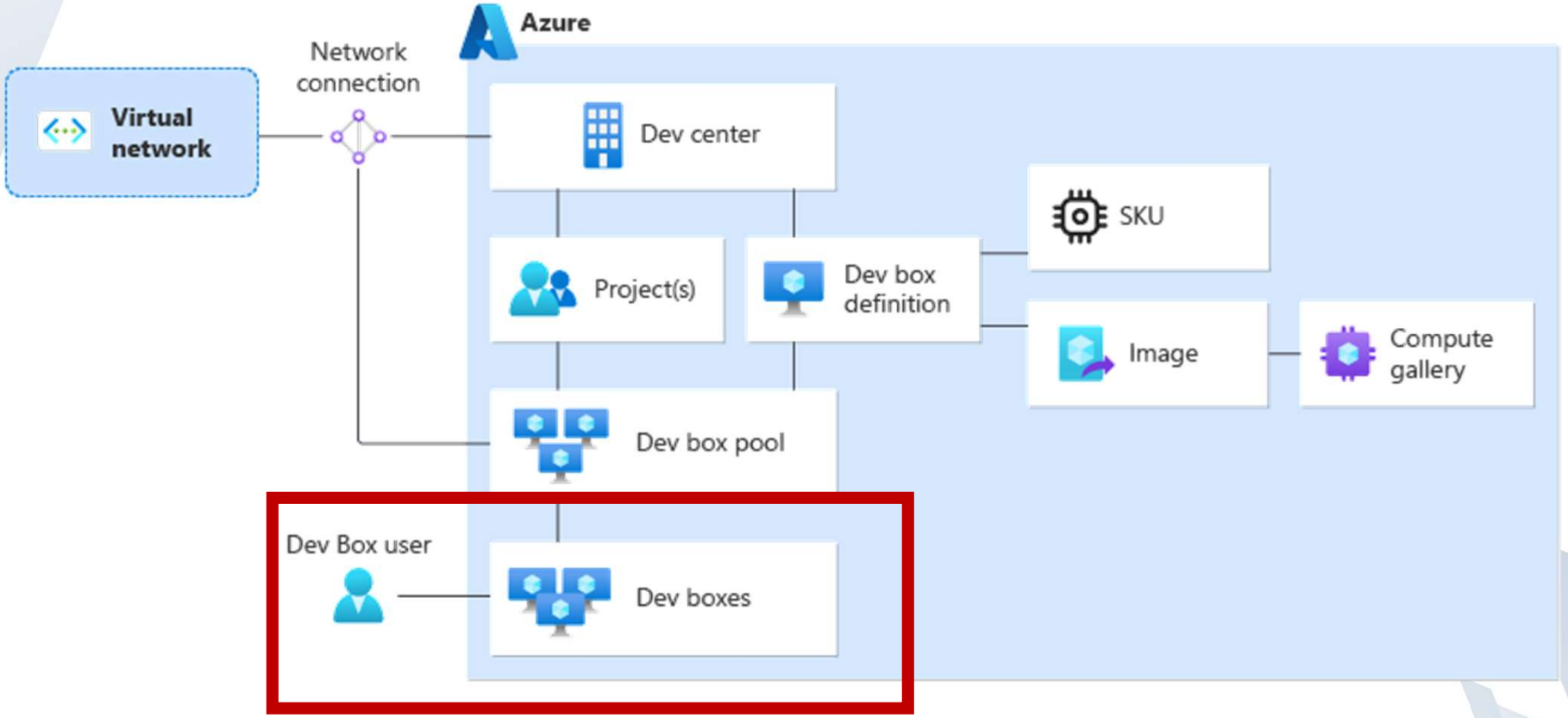
Dev Box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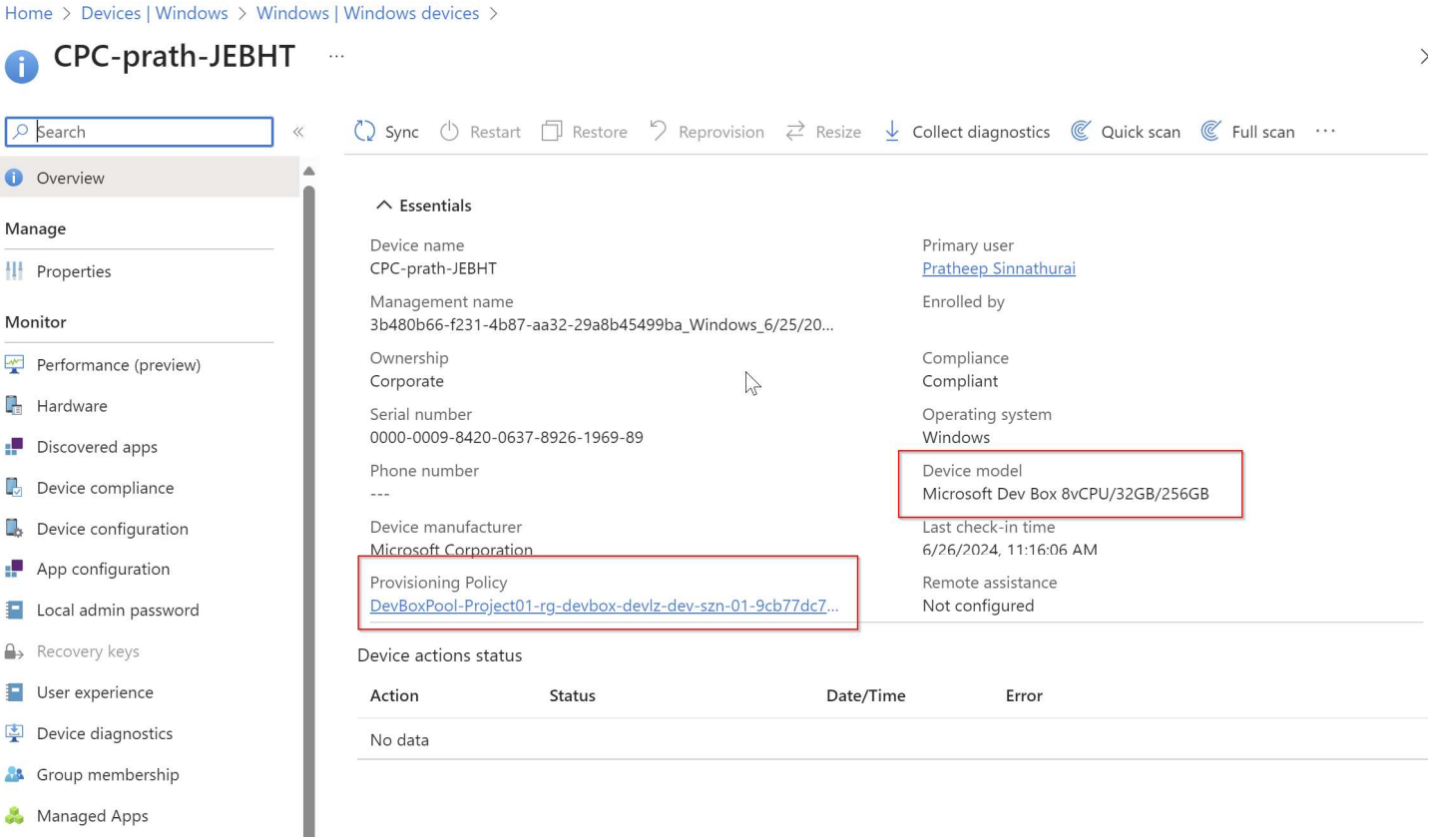
Dev Box and Intune



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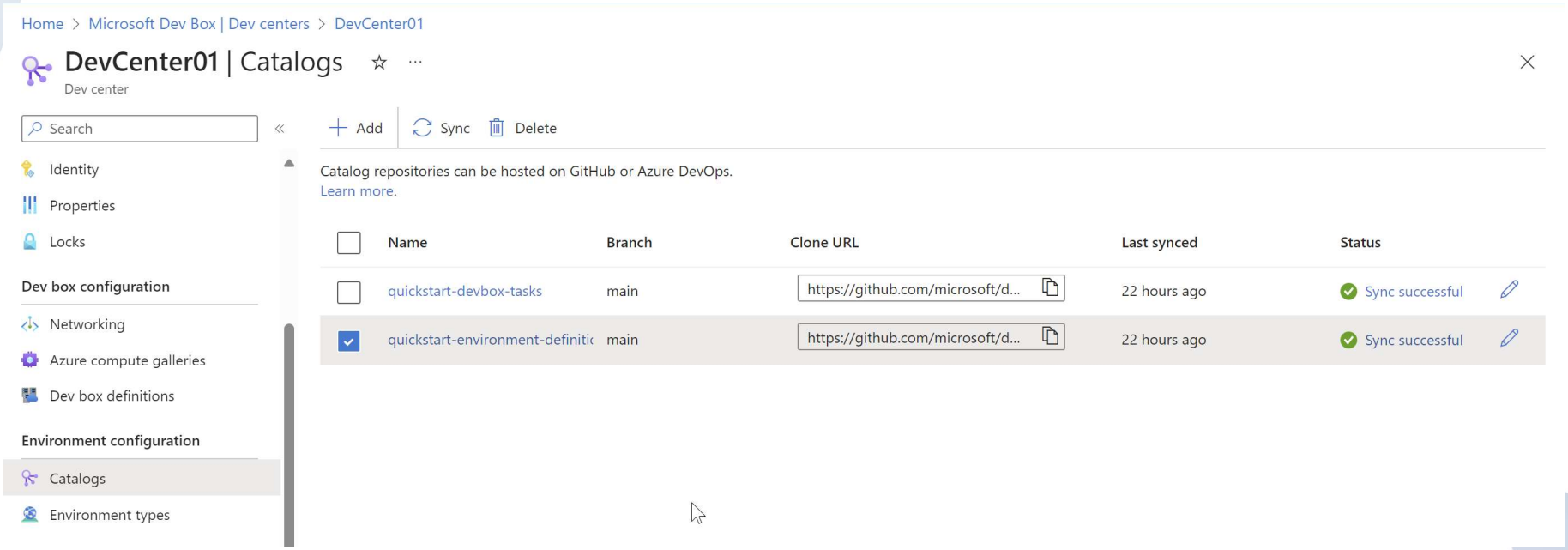
Catalogs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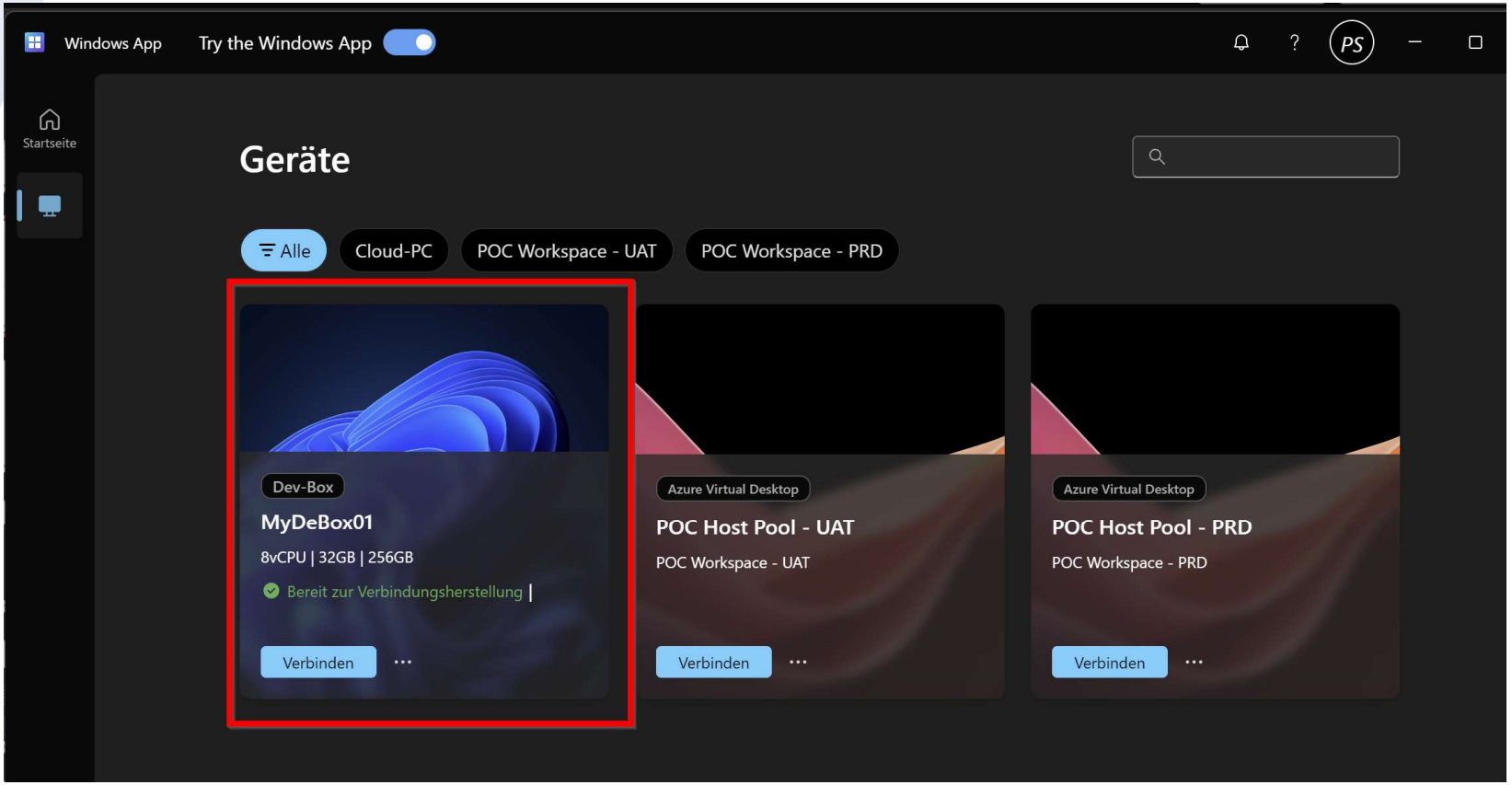
DevCenter01 | Catalogs
Dev center
Search
Identity
Properties
Locks
Dev box configuration
Networking
Azure compute galleries
Dev box definitions
Environment configuration
Catalogs
Environment types
Add
Sync
Delete
Catalog repositories can be hosted on GitHub or Azure DevOps.
Learn more.
Name
Branch
Clone URL
Last synced
Status
quickstart-devbox-tasks
main
https://github.com/microsoft/d...
22 hours ago
Sync successful
quickstart-environment-definitic
main
https://github.com/microsoft/d...
22 hours ago
Sync successful

Connect


Windows App
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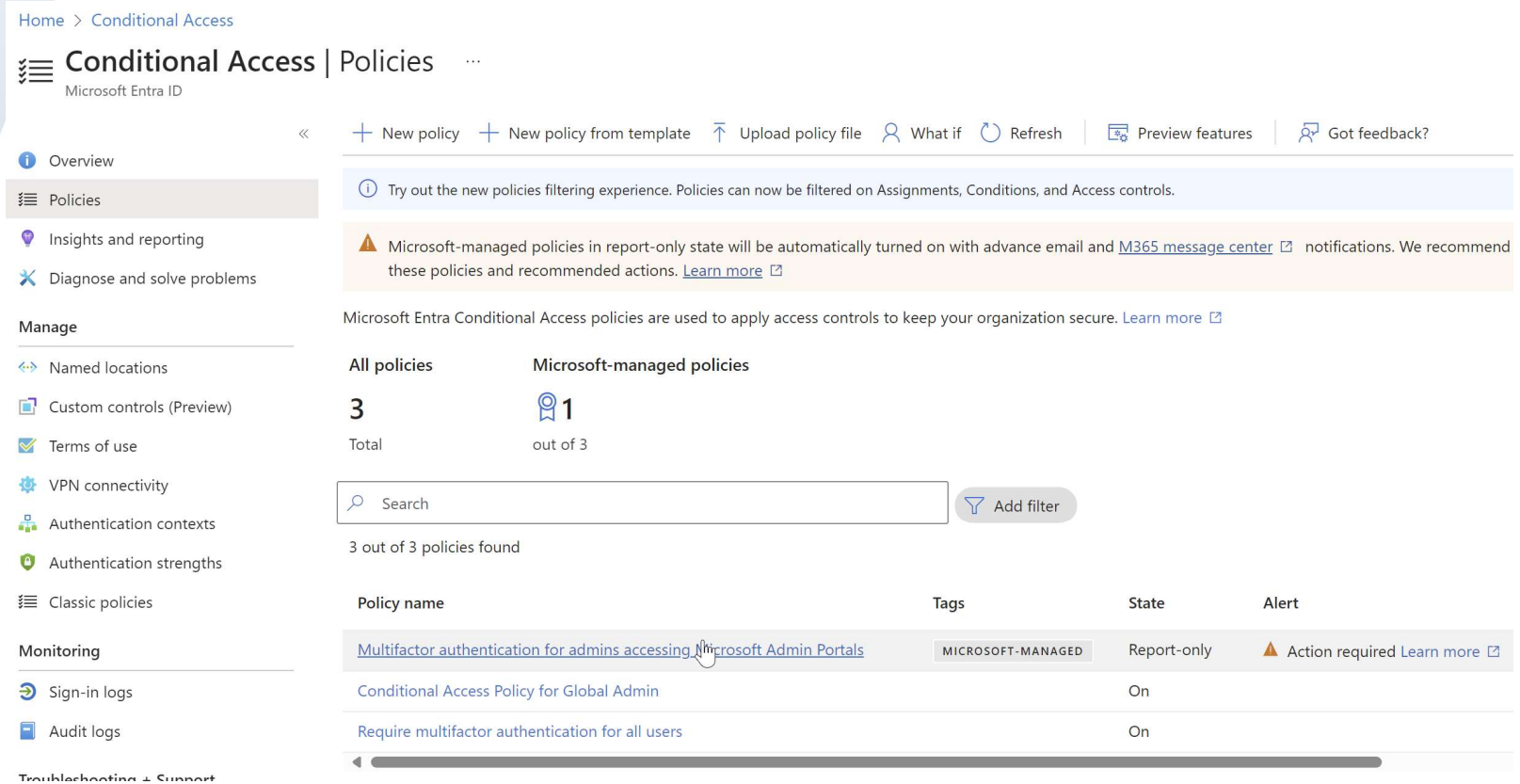
Geräte
Alle
Cloud-PC
POC Workspace - UAT
POC Workspace - PRD
Dev-Box
MyDeBox01
8vCPU | 32GB | 256GB
Bereit zur Verbindungsherstellung
Verbinden
Azure Virtual Desktop
POC Host Pool - UAT
POC Workspace - UAT
Verbinden
Azure Virtual Desktop
POC Host Pool - PRD
POC Workspace - PRD
Verbinden

Security



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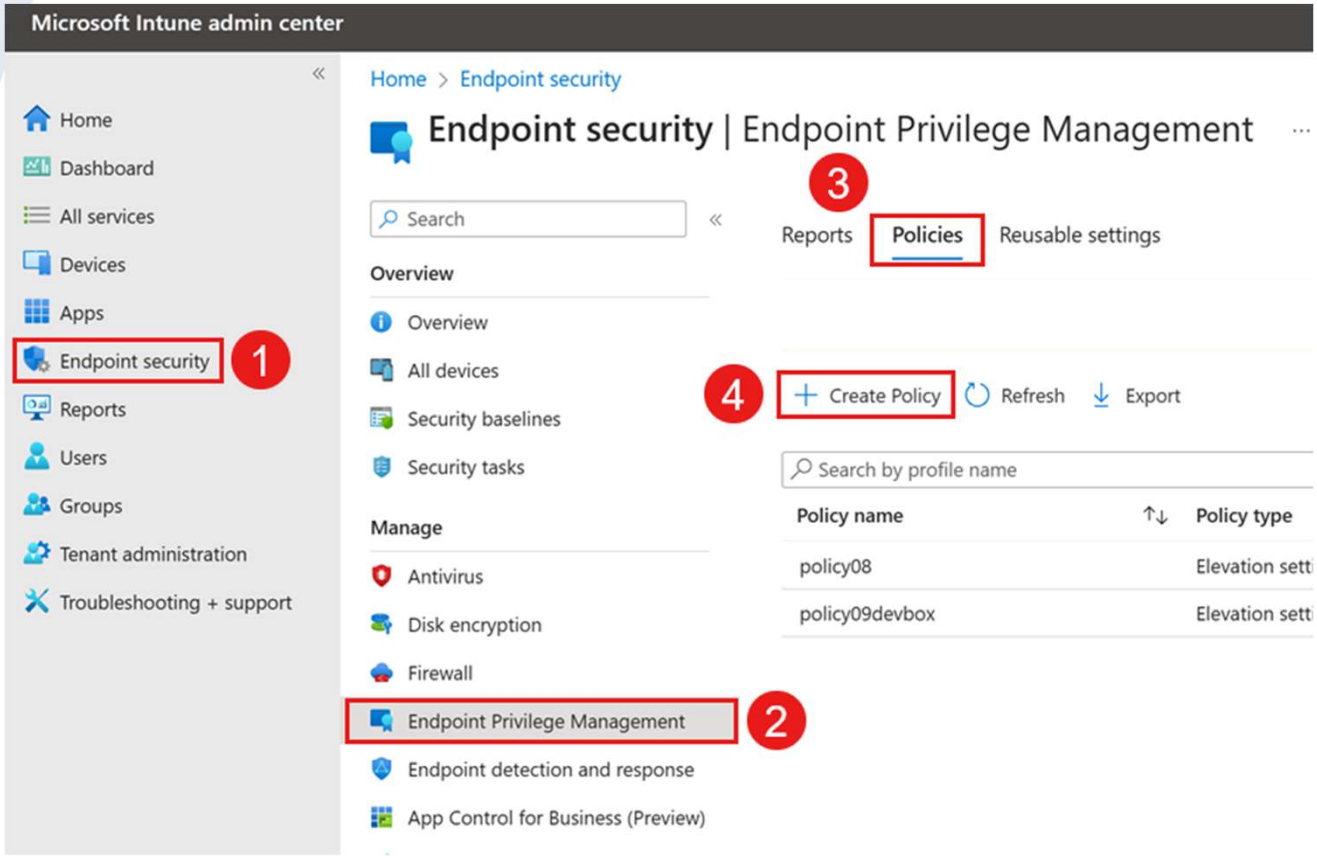
Elevated Privilieges



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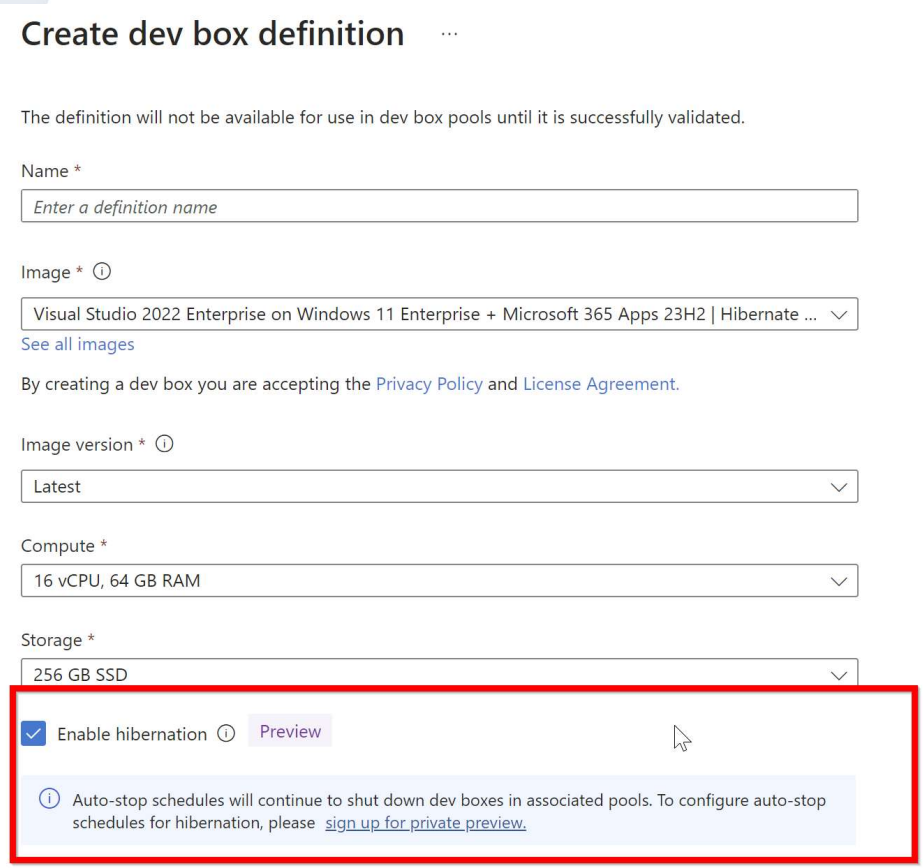
Hibernation



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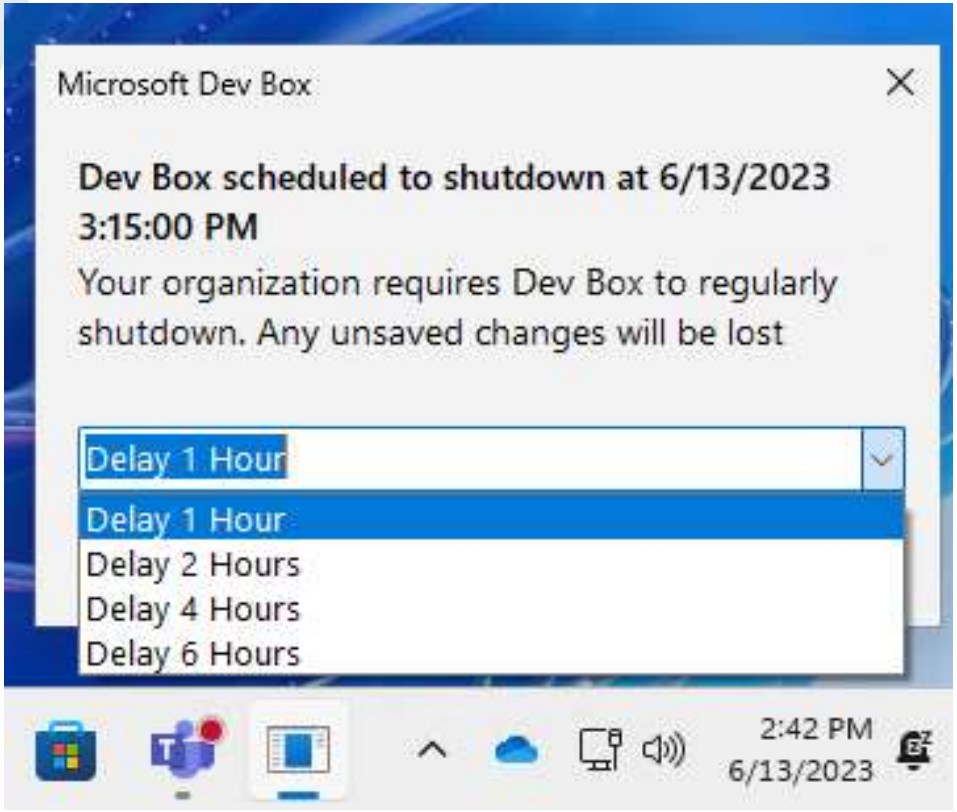
Auto Shutdown



Links

- https://medium.com/@pratheep.sinnathurai/microsoft-dev-box-69ccd6bb5131
- https://learn.microsoft.com/en-us/azure/dev-box/overview-what-is-microsoft-dev-box