

Introduction to Microsoft Dev Box



Pratheep Sinnathurai



- 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/>

Why Dev Box? #1

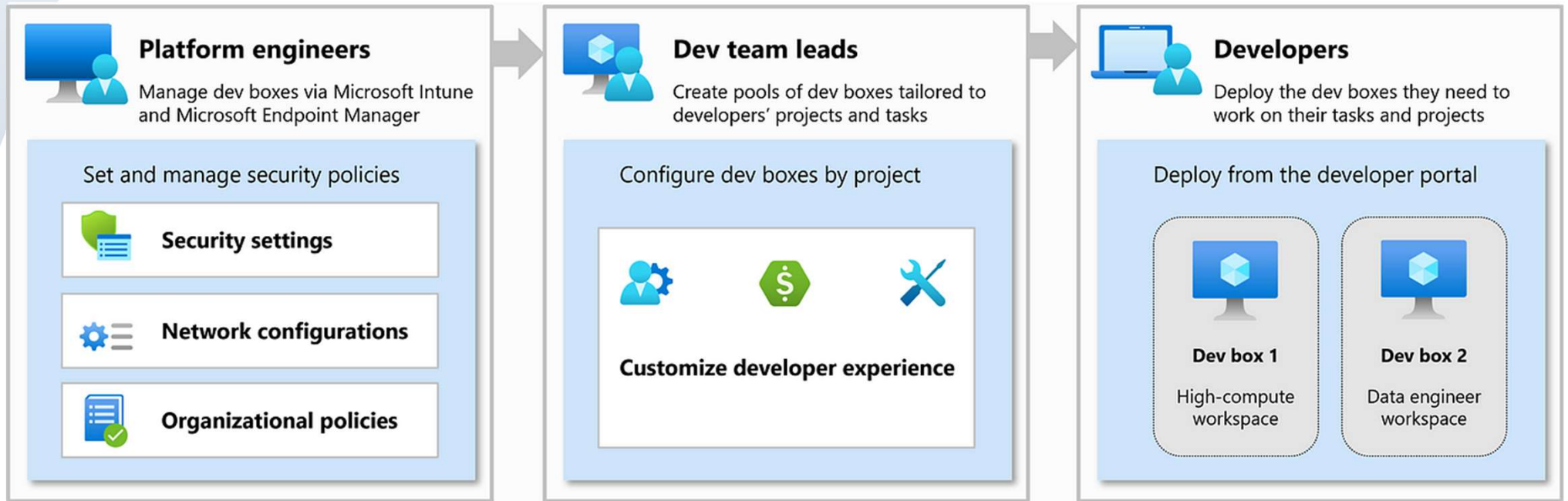


Why Dev Box? #2

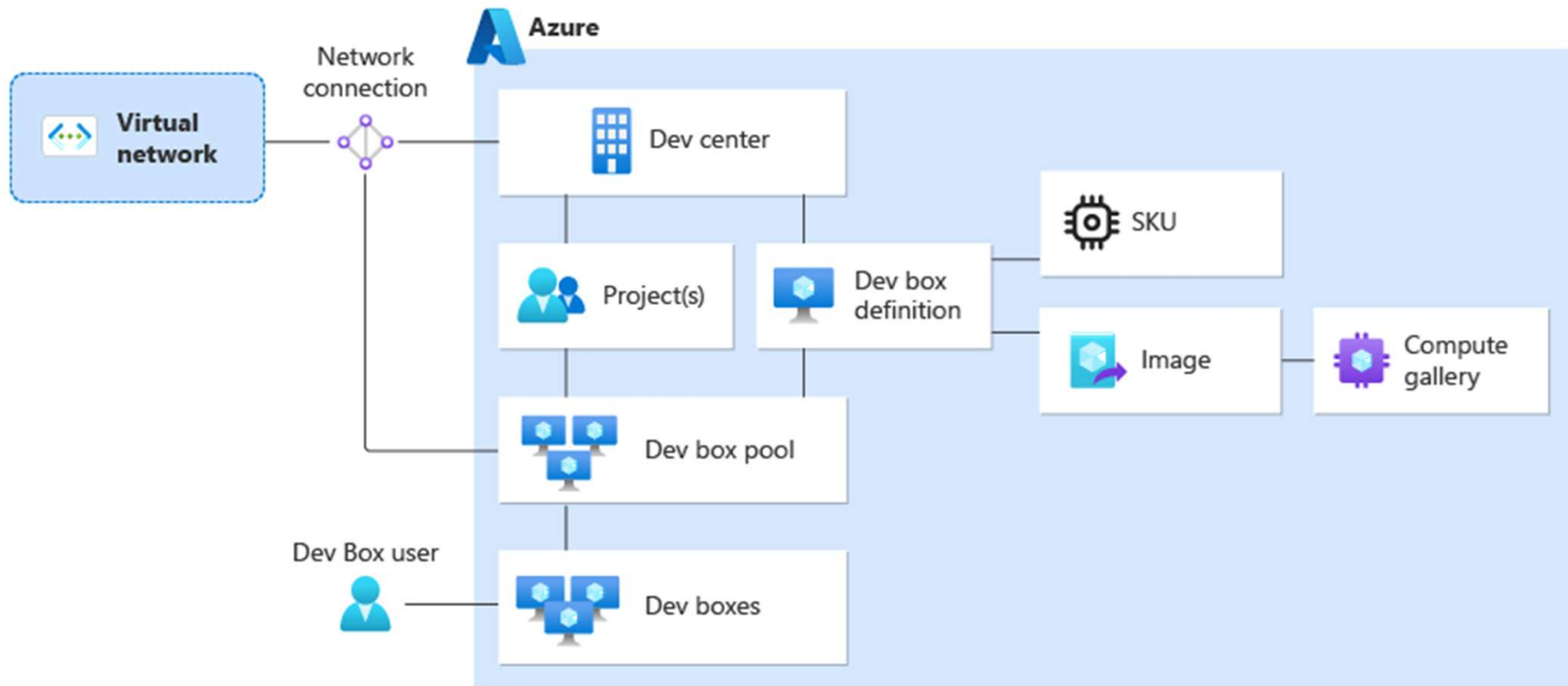


Why Dev Box? #3

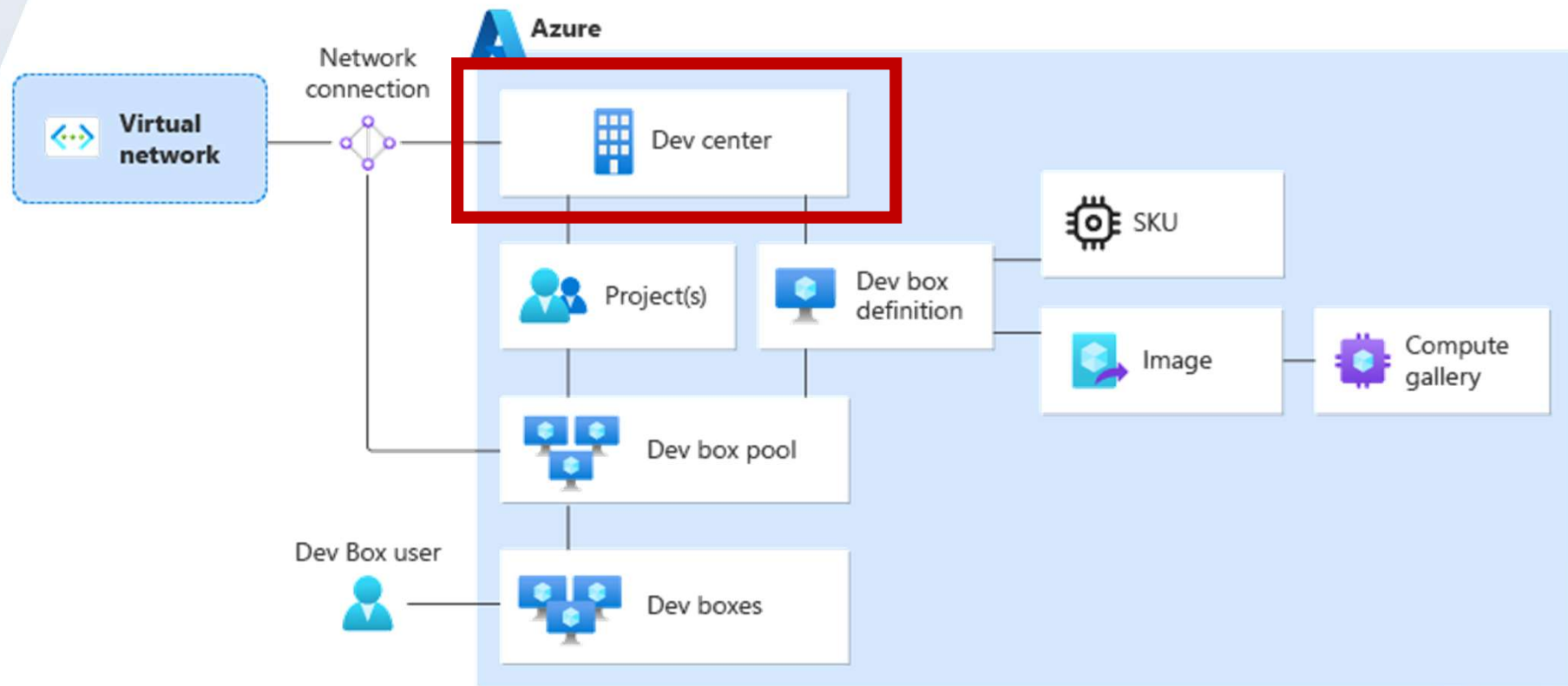




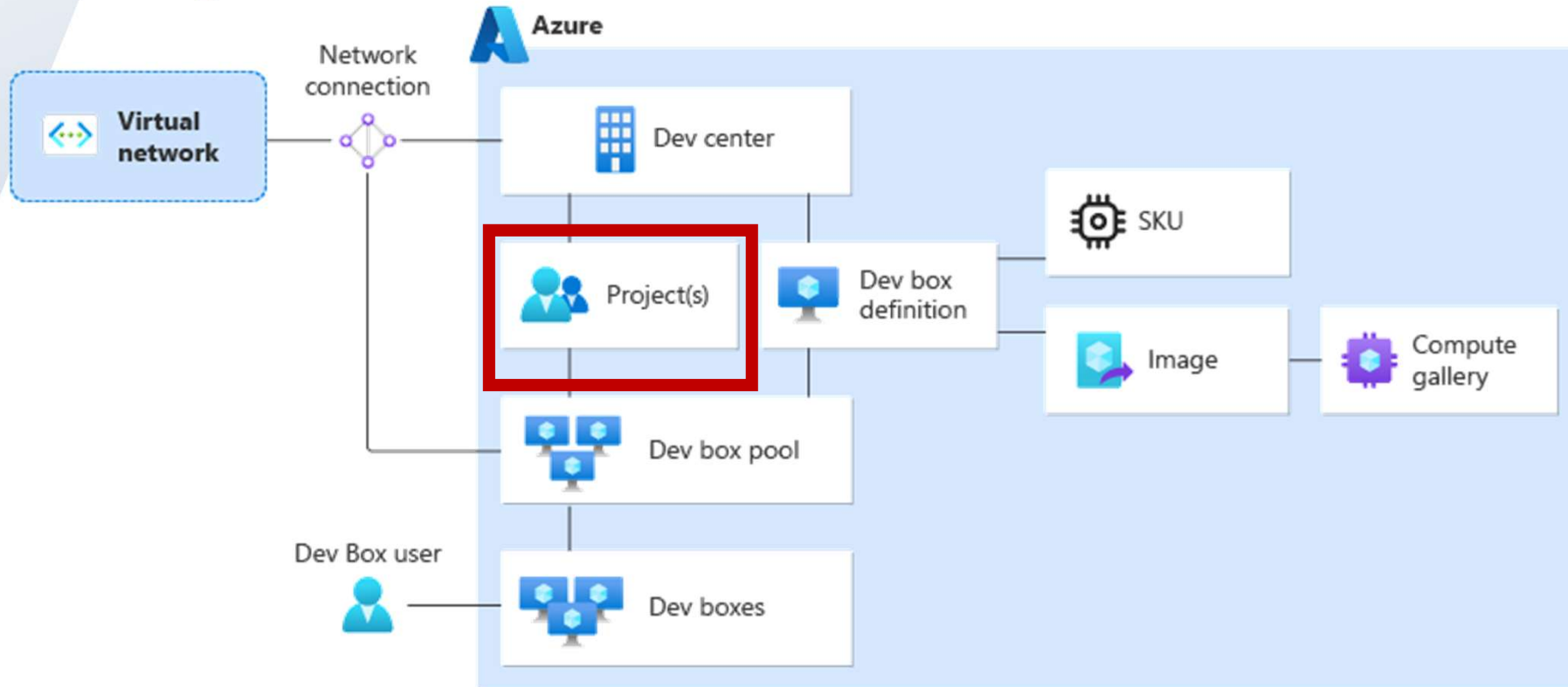
Architecture



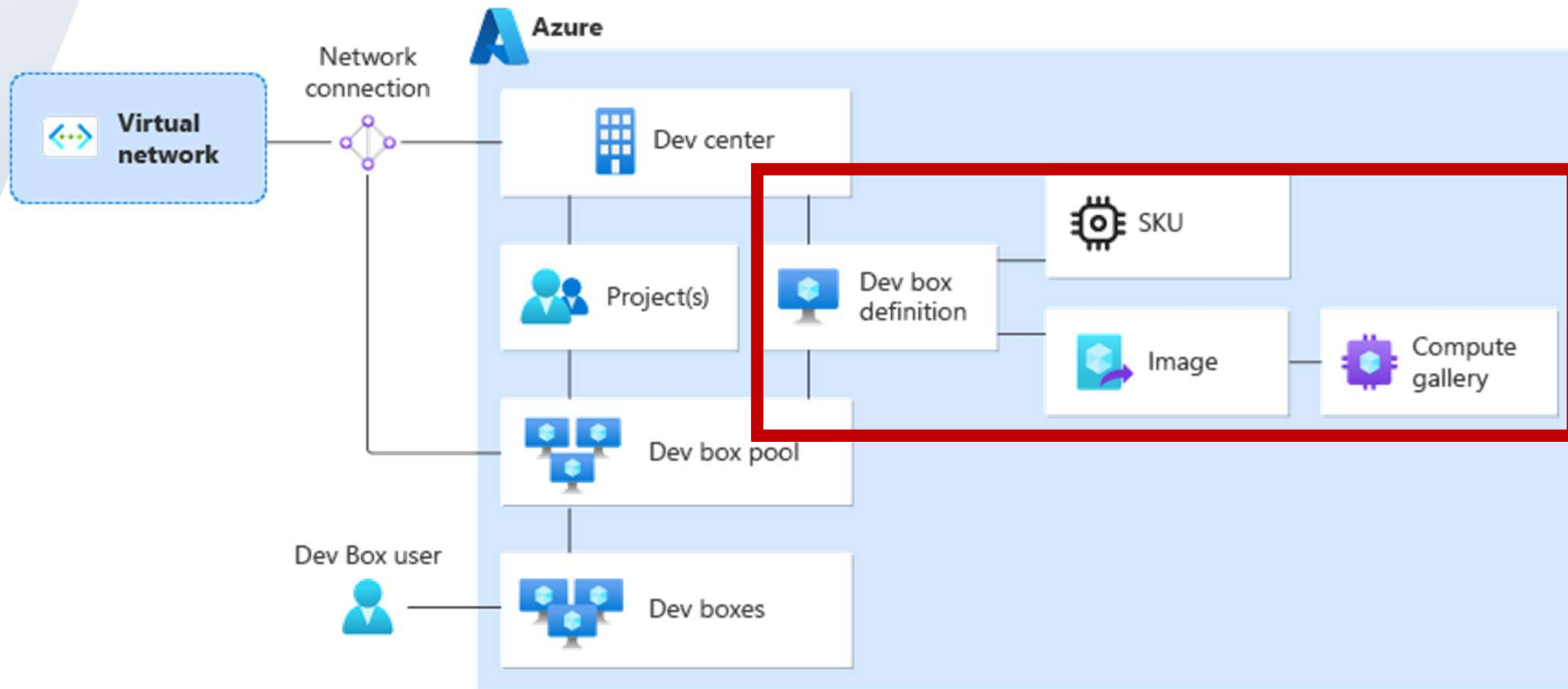
Dev Center



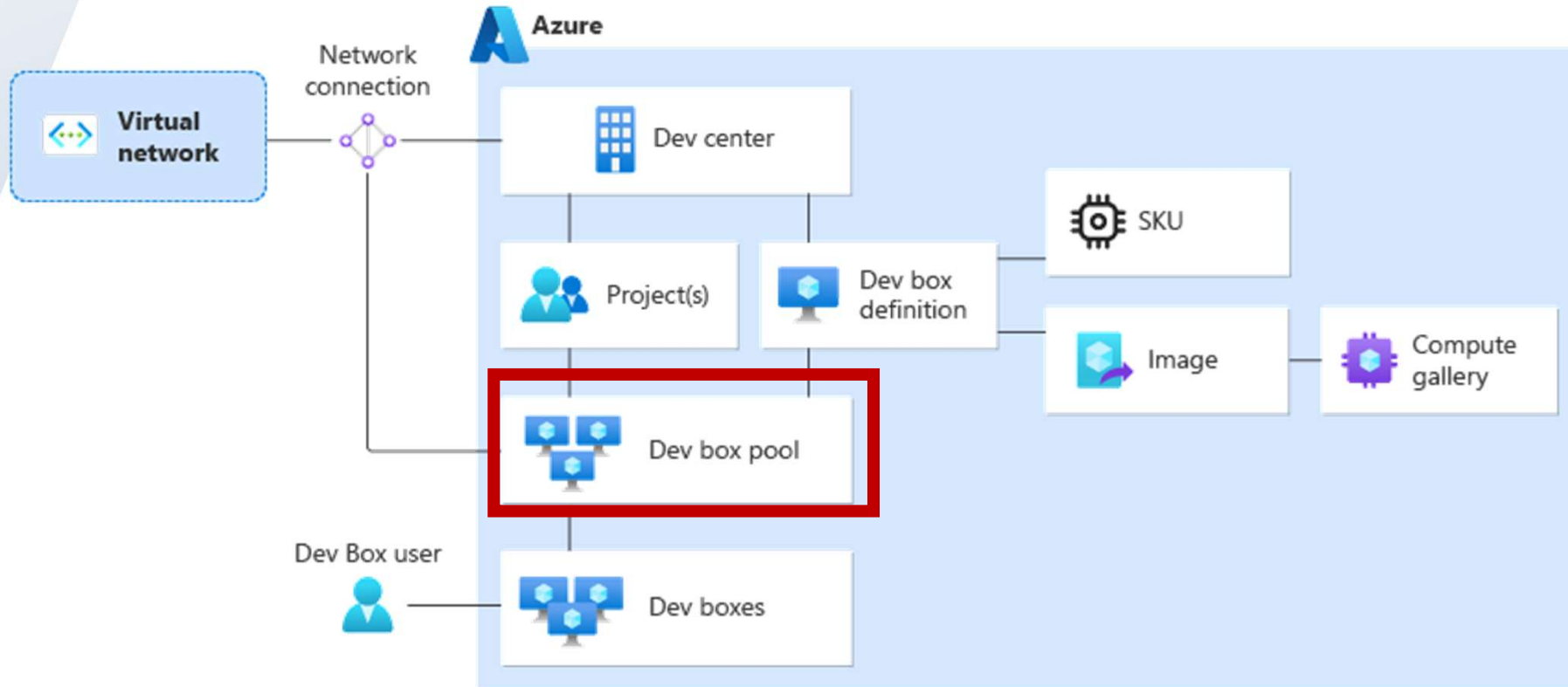
Projects



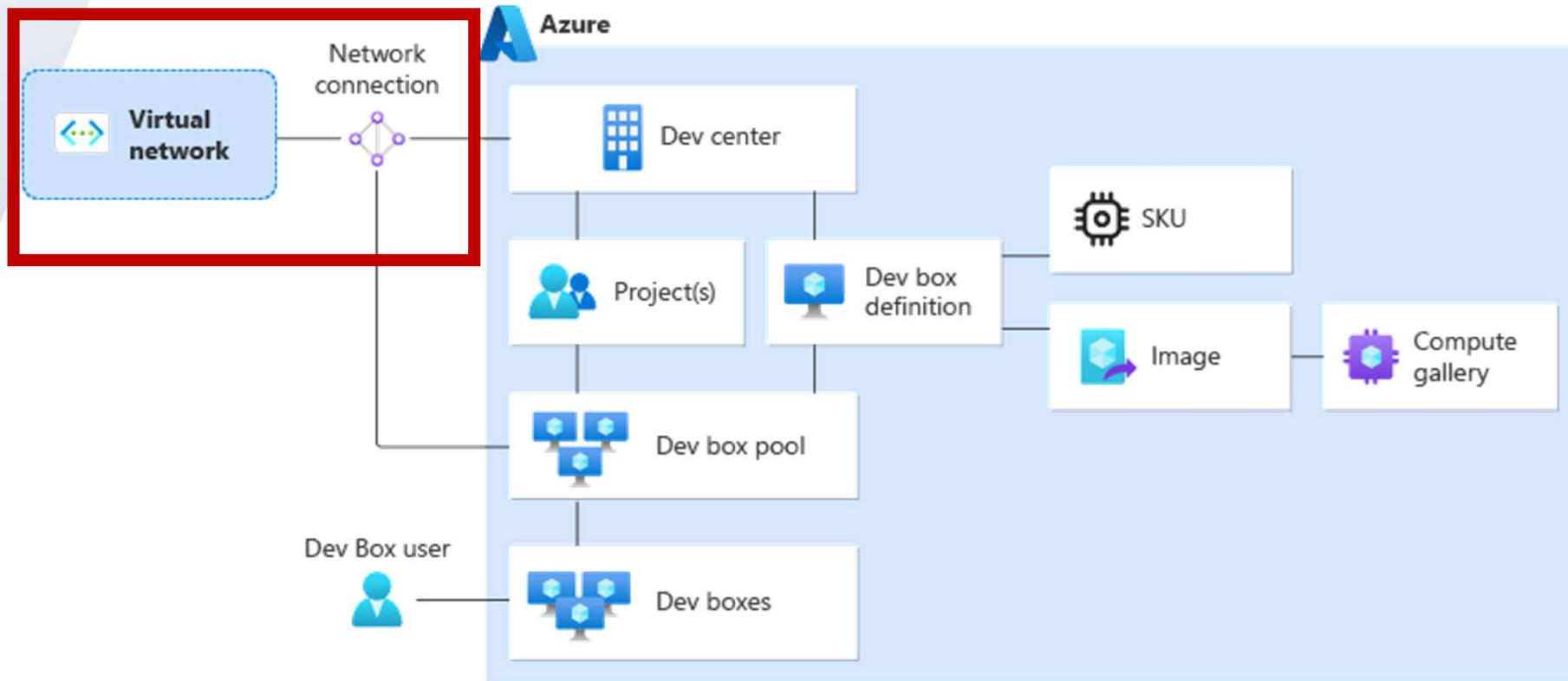
Dev Box Definition



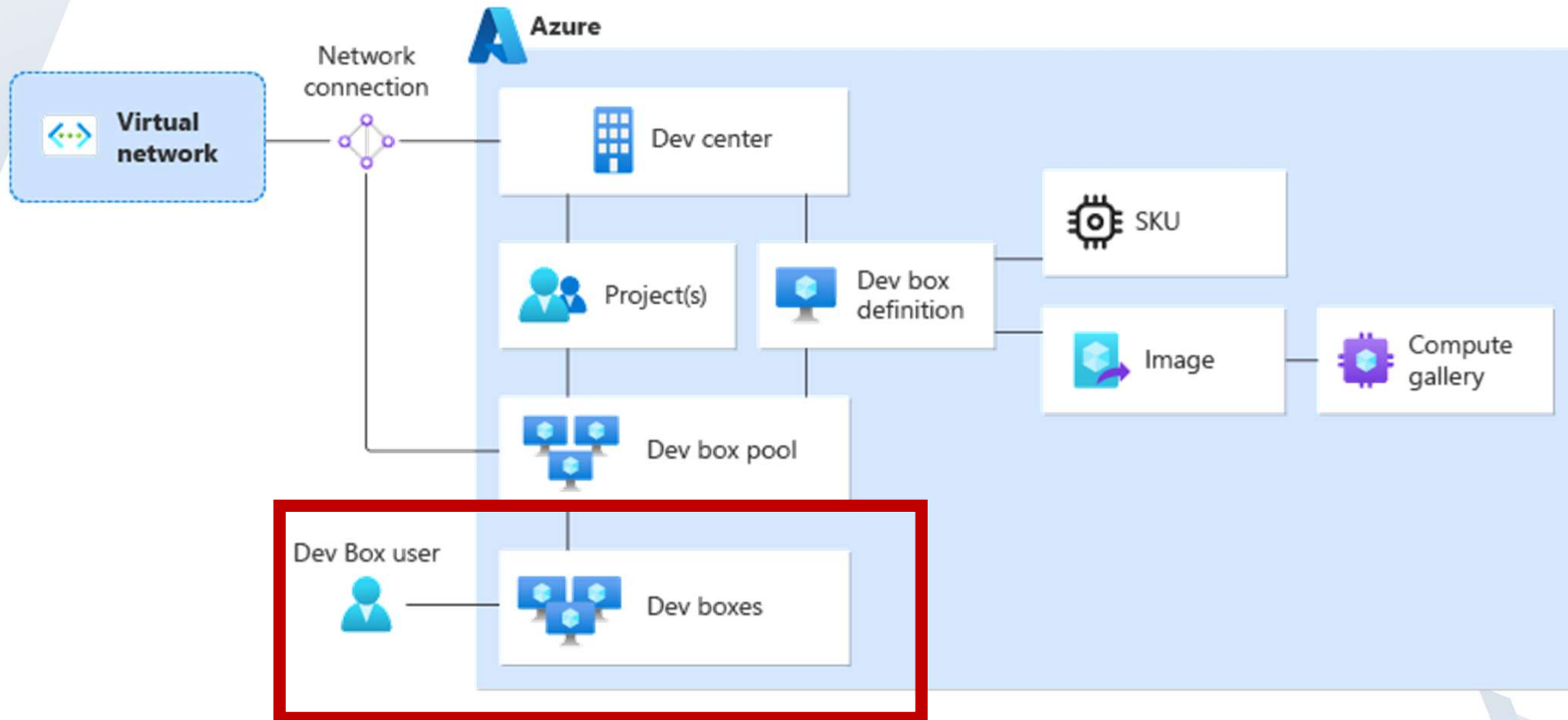
Dev Box Pools



Virtual Network



Dev Box



Dev Box and Intune

Home > Devices | Windows > Windows | Windows devices >

CPC-prath-JEBHT ...

Overview

Manage

Monitor

Sync

Restart

Restore

Reprovision

Resize

Collect diagnostics

Quick scan

Full scan

Essentials

Device name
CPC-prath-JEBHT

Management name
3b480b66-f231-4b87-aa32-29a8b45499ba_Windows_6/25/20...

Ownership
Corporate

Serial number
0000-0009-8420-0637-8926-1969-89

Phone number

Device manufacturer
Microsoft Corporation

Provisioning Policy
DevBoxPool-Project01-rg-devbox-devlz-dev-szn-01-9cb77dc7...

Primary user
[Pratheep Sinnathurai](#)

Enrolled by

Compliance
Compliant

Operating system
Windows

Device model
Microsoft Dev Box 8vCPU/32GB/256GB

Last check-in time
6/26/2024, 11:16:06 AM

Remote assistance
Not configured

Device actions status

Action	Status	Date/Time	Error
No data			

Catalogs

Home > Microsoft Dev Box | Dev centers > DevCenter01



DevCenter01 | Catalogs ☆ ...

Dev center

Search

+ Add

Sync

Delete

Identity

Properties

Locks

Dev box configuration

Networking

Azure compute galleries

Dev box definitions

Environment configuration

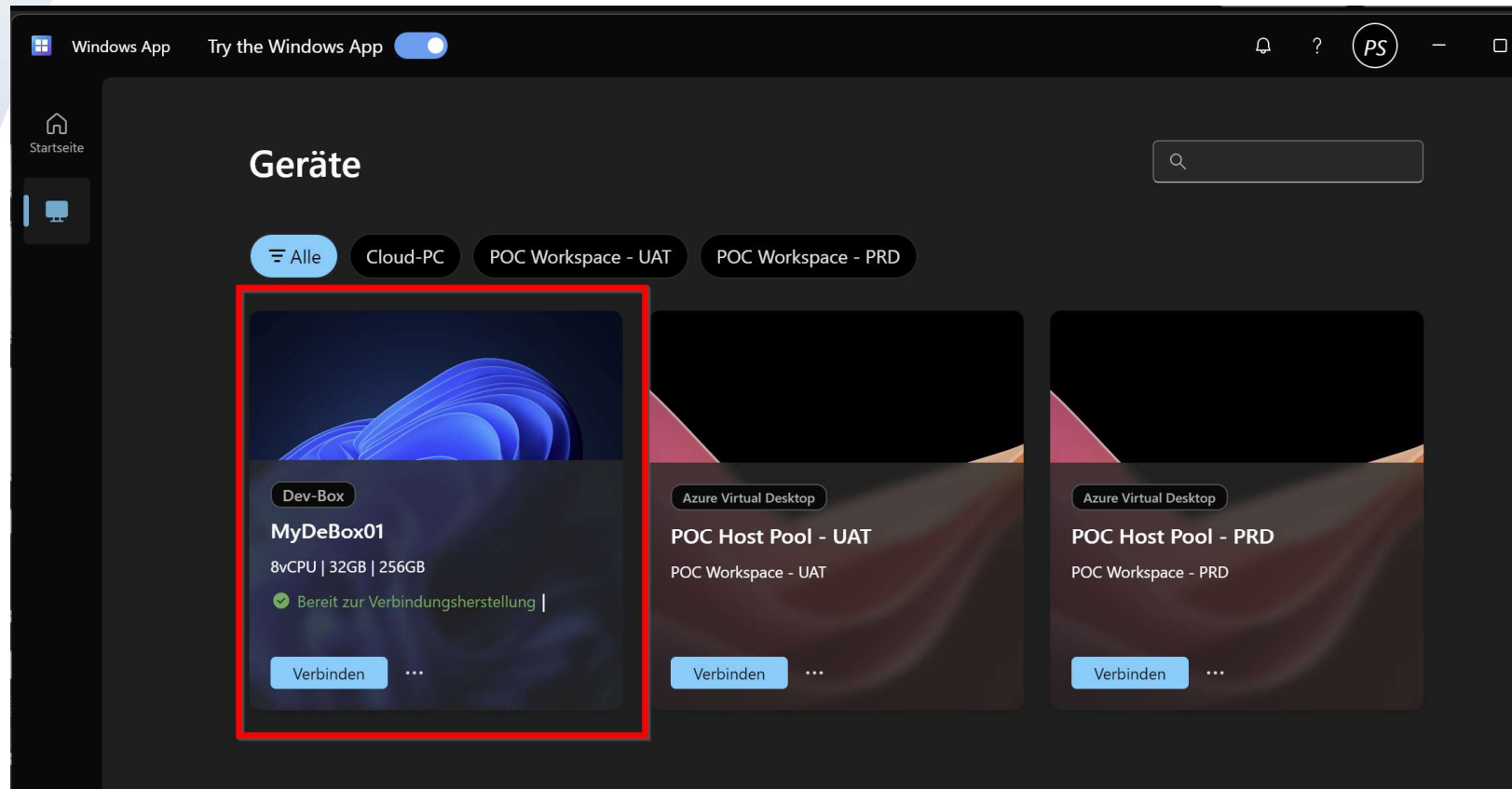
Catalogs

Environment types

Catalog repositories can be hosted on GitHub or Azure DevOps.
[Learn more.](#)

<input type="checkbox"/>	Name	Branch	Clone URL	Last synced	Status
<input type="checkbox"/>	quickstart-devbox-tasks	main	https://github.com/microsoft/d...	22 hours ago	✓ Sync successful
<input checked="" type="checkbox"/>	quickstart-environment-definitio	main	https://github.com/microsoft/d...	22 hours ago	✓ Sync successful

Connect



Security

Home > Conditional Access

Conditional Access | Policies

Microsoft Entra ID

Overview

Policies

Insights and reporting

Diagnose and solve problems

Manage

Named locations

Custom controls (Preview)

Terms of use

VPN connectivity

Authentication contexts

Authentication strengths

Classic policies

Monitoring

Sign-in logs

Audit logs

Troubleshooting & Support

<< + New policy + New policy from template ↑ Upload policy file 👤 What if ↻ Refresh | 🖨️ Preview features | 🗨️ Got feedback?

Try out the new policies filtering experience. Policies can now be filtered on Assignments, Conditions, and Access controls.

Microsoft-managed policies in report-only state will be automatically turned on with advance email and [M365 message center](#) notifications. We recommend these policies and recommended actions. [Learn more](#)

Microsoft Entra Conditional Access policies are used to apply access controls to keep your organization secure. [Learn more](#)

All policies

3

Total

Microsoft-managed policies

1

out of 3

Search

Add filter

3 out of 3 policies found

Policy name	Tags	State	Alert
Multifactor authentication for admins accessing Microsoft Admin Portals	MICROSOFT-MANAGED	Report-only	⚠️ Action required Learn more
Conditional Access Policy for Global Admin		On	
Require multifactor authentication for all users		On	

Elevated Privileges

Microsoft Intune admin center

Home > Endpoint security

Endpoint security | Endpoint Privilege Management

Search

Reports **Policies** Reusable settings

1 Endpoint security

Overview

- Overview
- All devices
- Security baselines
- Security tasks

Manage

- Antivirus
- Disk encryption
- Firewall
- 2** Endpoint Privilege Management
- Endpoint detection and response
- App Control for Business (Preview)

4 + Create Policy Refresh Export

Search by profile name

Policy name	↑↓	Policy type
policy08		Elevation setti
policy09devbox		Elevation setti

Hibernation

Create dev box definition ...

The definition will not be available for use in dev box pools until it is successfully validated.

Name *

Enter a definition name

Image * ⓘ

Visual Studio 2022 Enterprise on Windows 11 Enterprise + Microsoft 365 Apps 23H2 | Hibernate ... ▾

[See all images](#)

By creating a dev box you are accepting the [Privacy Policy](#) and [License Agreement](#).

Image version * ⓘ

Latest ▾

Compute *

16 vCPU, 64 GB RAM ▾

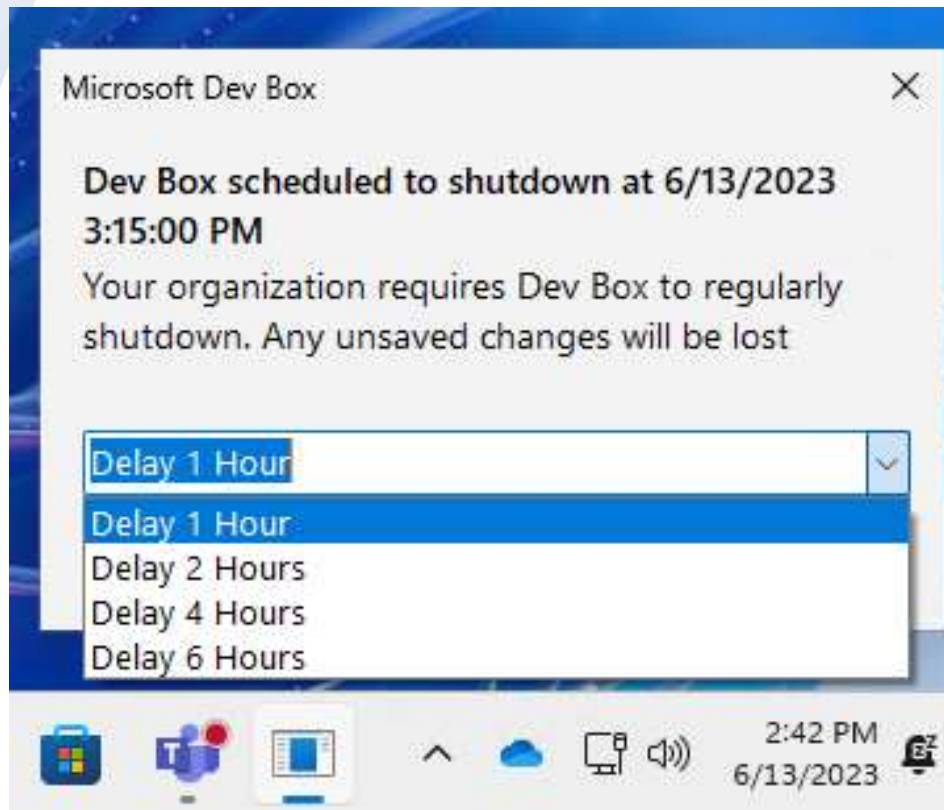
Storage *

256 GB SSD ▾

☒ Enable hibernation ⓘ [Preview](#)

ⓘ Auto-stop schedules will continue to shut down dev boxes in associated pools. To configure auto-stop schedules for hibernation, please [sign up for private preview](#).

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>