



# Microsoft Build After Party

## 소프트웨어 개발과 엔지니어링 시스템의 미래

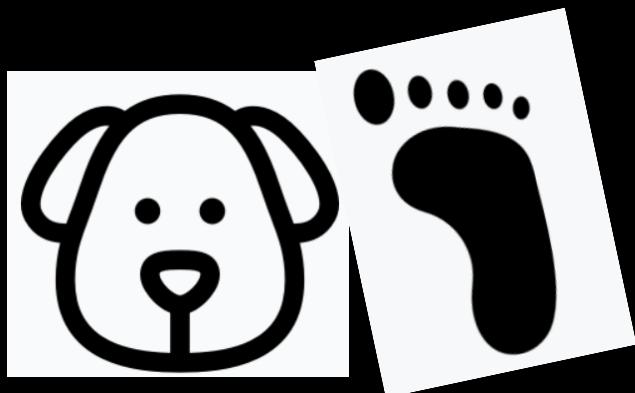
Microsoft Dev Box

엔지니어링 시스템을 통해 개발자 속도 증진할 수 있는 환경 제공 Part2

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# 개발자 황후순



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## CAREER

2022.04 ~ 현재	(주)F-Lab & Company	(현) 백엔드 멘토
2019.08 ~ 현재	GIA Human Resource	(현) 기술고문
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2018.10 – 2019.02	(주)아일리스	(전) 이사/소프트웨어엔지니어팀 팀장
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# 개발 팀 협업 간소화

- ☑ 컴퓨팅 즉시 확장
- ☑ 표준 환경을 통한 개발자 온보딩
- ☑ 다양한 지역의 팀을 위한 대역폭 향상
- ☑ SRE를 위한 보안 환경

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## Manage Dev Boxes like any other device

The screenshot shows the Microsoft Endpoint Manager admin center interface. The top navigation bar includes 'Home', 'Devices' (selected), and 'Conditional Access'. The main title is 'Conditional Access | Policies'. Below the title, it says 'Azure Active Directory'. On the left, there's a sidebar with links: Home, Dashboard, All services, Devices (selected), Apps, Endpoint security, Reports, Users, Groups, Tenant administration, and Troubleshooting + support. The main content area has a 'Policies' section with 'Overview (Preview)', 'Insights and reporting', 'Diagnose and solve problems', and a 'Manage' section containing 'Named locations', 'Custom controls (Preview)', and 'Terms of use'. A search bar at the top right says 'Search policies' and a filter says 'Policy Name ↑↓'. A list of policies is shown on the right, including 'Test-Delete-SignInFrequency', 'Access to EXO requires MFA', 'Access to cloud PC requires MFA', and 'Unmanaged Device CA Policy'.

보안 및 규정 준수를 위한 중앙  
정책 관리

## Manage Dev Boxes like any other device

The screenshot shows the Microsoft Endpoint Manager admin center interface. On the left, there's a navigation sidebar with links like Home, Dashboard, All services, Devices, Apps, Endpoint security, Reports, Users, Groups, Tenant administration, and Troubleshooting + support. The main content area is titled "Endpoint analytics | Overview". It features a search bar, a navigation menu with "Overview" and "Settings" selected, and a "Reports" section listing metrics such as Startup performance, Proactive remediations, Application reliability, Work from anywhere, Resource performance, and Remoting connection. A prominent green progress bar at the top right is labeled "Endpoint analytics score" with a value of "67" and a baseline of "50". Below this, a table shows "Score categories" with "Startup performance" having a green "Score" bar.

Developer Cloud PC를 비롯한  
모든 기기에서 최종 사용자 환경의  
품질 모니터링

## Manage Dev Boxes like any other device

The screenshot shows the Microsoft Endpoint Manager admin center interface. The left sidebar includes links for Home, Dashboard, All services, Favorites (Devices selected), Apps, Endpoint security, Reports, Users, Groups, Tenant administration, and Troubleshooting + support. The main content area is titled 'Create quality update profile' and shows three tabs: Settings (selected), Assignments, and Review + create. The 'Name' field is filled with '2109ZeroDayPatch'. A note at the bottom states: 'The only dedicated quality update control currently available other than the existing update levels is the ability to expedite quality updates for devices that fall behind a specified patch level in the future.'

모든 윈도우즈 장치를 일관성 있게  
관리



## Case Study: Self-service environments

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Large, global car and vehicle manufacturer

## Case Study: Self-service environments

대규모 글로벌한 자동차 제조업체

### 당면 과제

#### Environment

개별로 로컬 셋업  
(hours)

### 커스텀 솔루션

→ 템플릿을 통해 배포  
(minutes)

#### Security

권한 및 승인 지연

→ 기본 제공 거버넌스  
표준화

#### Access to resources

시간과 비용이 큰  
프로세스

→ 팀 간 카탈로그  
공유

Announcing

# Azure Deployment Environments

Self-service, templated environments for any stage of development

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Sign up for the private preview  
[aka.ms/environments-signup](https://aka.ms/environments-signup)

# Azure Deployment Environments



Minimize configuration effort



Secure with confidence



Standardize through templates

## Azure Deployment Environments

```
sagar@Azure:~$ az fidalgo template list
```

Catalog item	Description
WebApp-with-SQL	WebApp + SQLAzure basic
WA-Integrated	WebApp + SQLAzure complete
WA-Staging	WebApp + SQLAzure w backup, no test tools
WebApp-Keyvault	Azure Keyvault to store and use secrets

```
sagar@Azure:~$
```

앱 인프라를 정의하고 개발 도구 및 코드  
저장소에서 직접 배포하는 셀프 서비스 및  
프로젝트 기반 템플릿 제공

## Azure Deployment Environments

The screenshot shows the 'Environment role assignments' section of the Azure Deployment Environments configuration. It includes fields for 'Environment creator role(s)' (set to 'Owner') and 'Additional access' (with a search bar and dropdown). Below this is the 'Tags' section with 'Tag name' and 'Value' fields.

Environment role assignments

Environment creator role(s) \* ⓘ

Owner

Additional access ⓘ

Search for user or AAD group : Select role

Tags

Tag name ⓘ Value ⓘ

중앙 집중식 권한 관리, 컨텍스트 인식 액세스  
및 클라우드 리소스 구성에 대한 완벽한 제어를  
통해 보안 극대화

## Azure Deployment Environments

Select a template ⋮

Filter for any field...

Name ↑↓	Description ↑↓
 WebApp-with-SQL	WebApp + SQLAzure basic
 WA-Integrated	WebApp + SQLAzure complete
 WA-Staging	WebApp + SQLAzure w backup, no test tools
 WebbApp-Keyvault	Azure Keyvault to store and use secrets

프로젝트 전반에 걸쳐 일관성과 모범 사례를 확립하는 “재사용 가능한 템플릿”으로 협업 및 공유 촉진

엔지니어링 시스템을 통한  
개발자 속도 증진

Microsoft Dev Box

+

Azure Deployment  
Environments

# Next steps

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Sign up for the private preview:

**Microsoft Dev Box**

[aka.ms/devbox-signup](https://aka.ms/devbox-signup)

**Azure Deployment Environments**

[aka.ms/environments-signup](https://aka.ms/environments-signup)

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Learn more

[aka.ms/devbox-blog](https://aka.ms/devbox-blog)



# Microsoft Build

