

# Developer Experience & Enterprise IT Transformation



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## The IBM CIO Developer Experience

- Changing the way we work
- Overcoming challenges
- Measuring impact

# IBM's CIO Runs the IT Which Runs IBM

Thousands

*of "developers"*

Hundreds

*of Enterprise Tools  
and Services*

Tens of  
Thousands

*of Repositories*



# The CIO DX Pattern

Continuously Improve Developer Productivity by Reducing Developer Waste

## Governance

*Eliminate, Simplify  
& Automate Processes*

## Platform

*Standardizing the  
"Enterprise Platform"*

## Automation

*Optimizing the Opinionated  
Usage of the Platform*

## Advocacy

*Education, Community,  
& Reuse*

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## Analytics

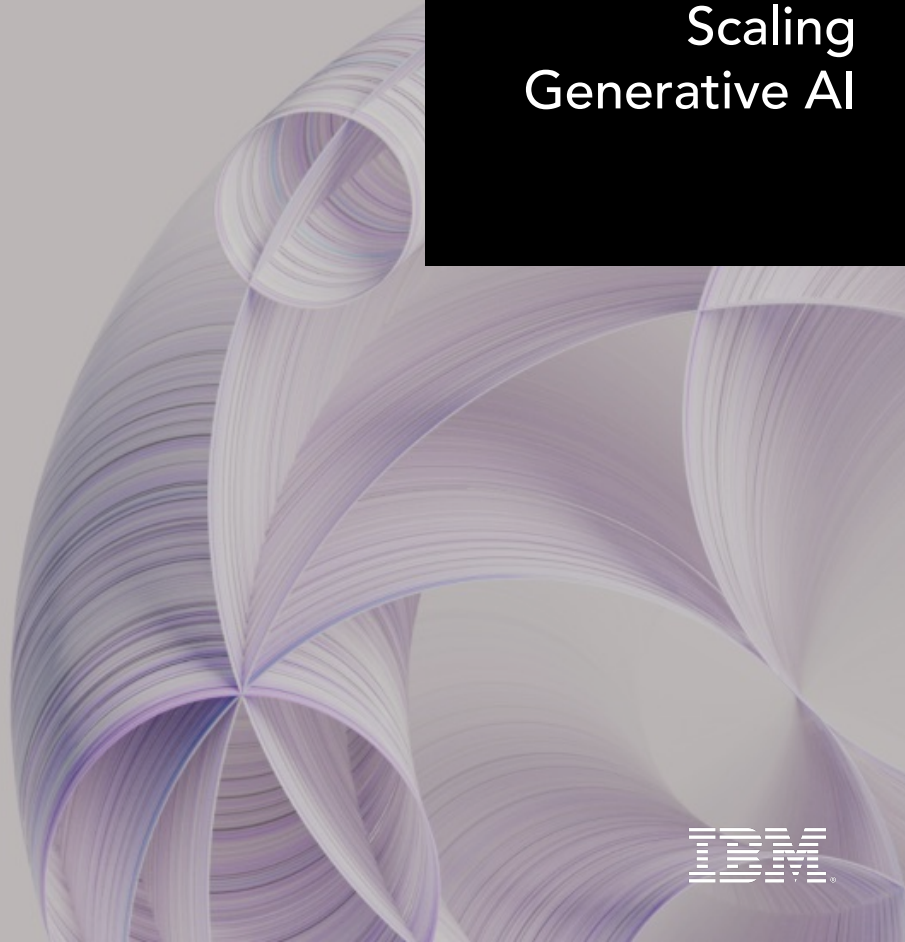
*Measuring the  
Impact of DX Initiatives*





Transforming  
z/OS DX

Scaling  
Generative AI



IBM

# Transforming z/OS DX

Single source code management system for all developers.

Moving away from outdated tools.

Introduction of DevSecOps practices.

Automated AI Governance.

Opinionated platform with  
abstractions.

Developers upskilling.

# Scaling Generative AI

# Overcoming Challenges

Communication  
Outcomes  
Culture

Communicating for impact  
Enablement  
Rethinking how we learn

Enabling  
developers with  
empathy



# Building Culture Through Community

Encourage reuse

Automation

Productivity

Communication

Break down silos

# Measuring Impact

**800**

*Enterprise Tools & Services*

**5,000**

*GitHub Repositories*

**14,000**

*Production Deployments*

**80%**

*Reduction in Change Lead Time*

**100s**

*InnerSource Contributions*



We are looking for help with...

How do you achieve alignment within a large organization?

How do you approach new developer-centric initiatives?

How do you encourage the behaviors which build a healthy culture?



# Thank You



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