

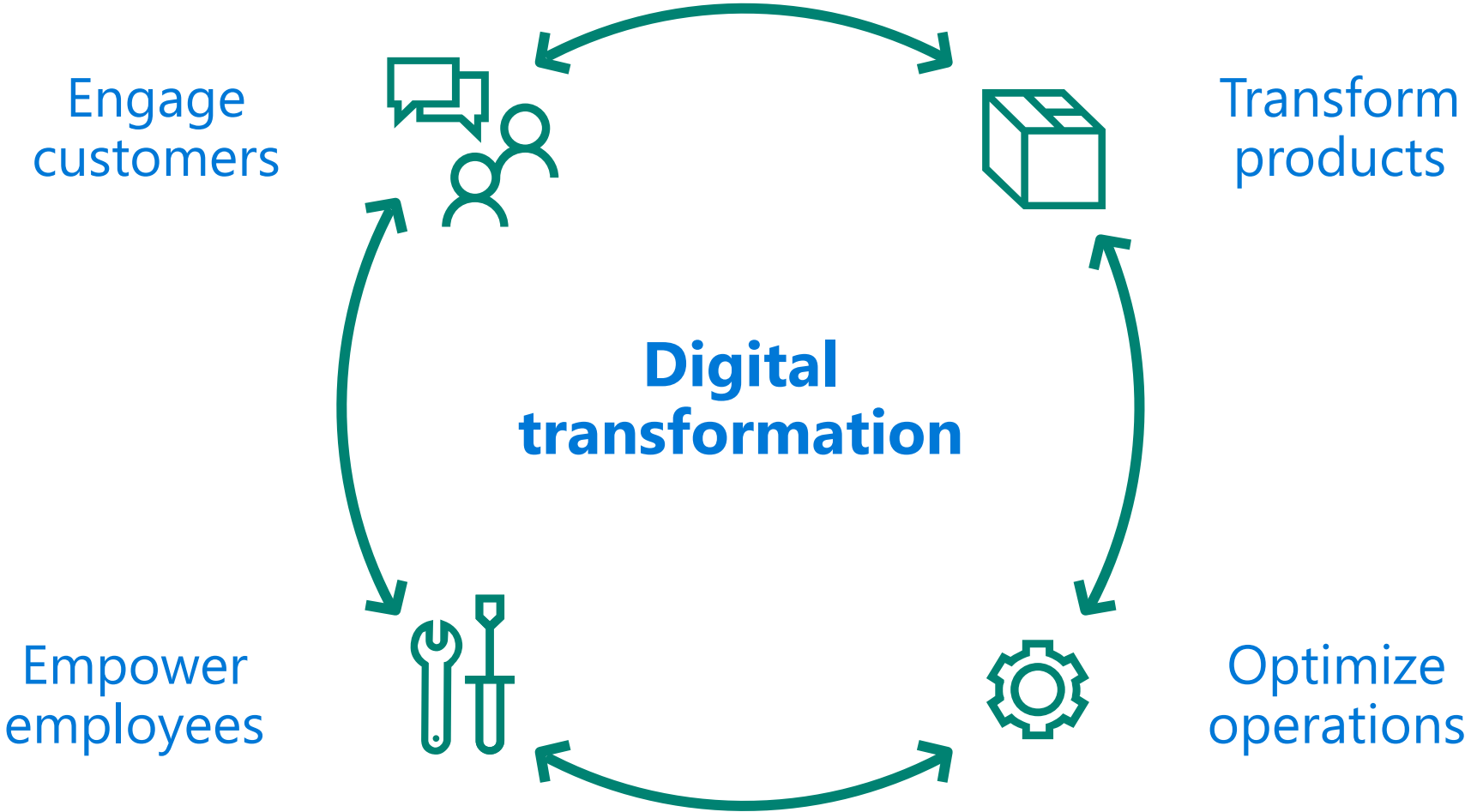
# *How Open Source Projects Make Public Cloud Better?*

Mandar Naik

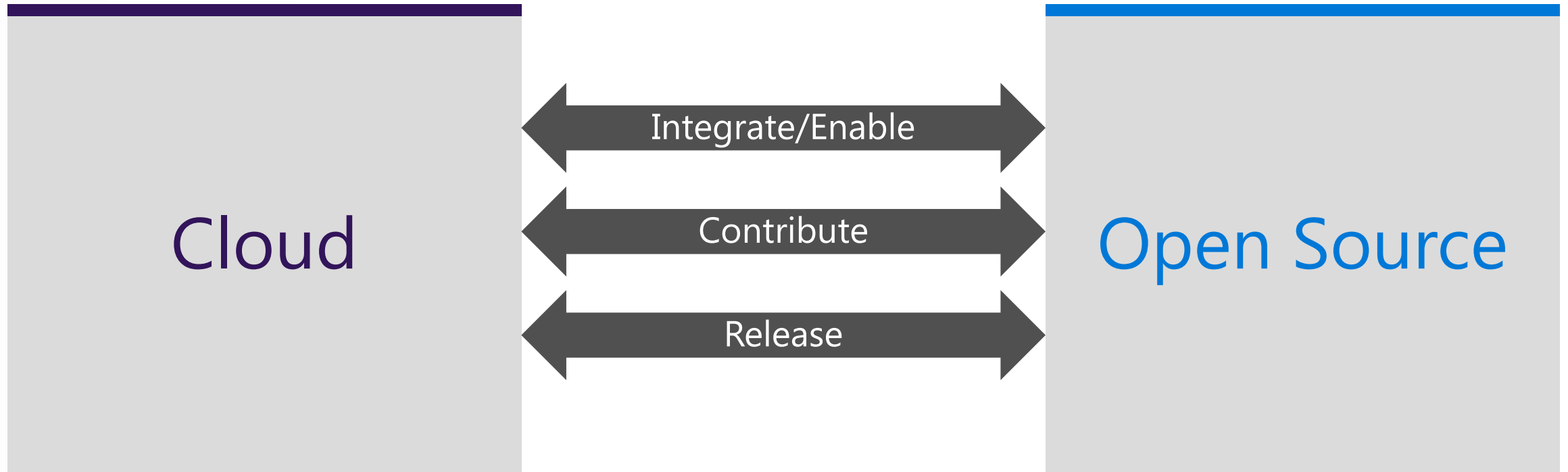
Global Lead – Open Source Sales Strategy

Microsoft Corporation

# Why cloud?



# Leveraging Open Source



# Benefits of Open Source in the Cloud

## Why integrate?

Community  
Time to market  
Cross-platform  
Best practices  
Recruiting/retention



## Why contribute?

Forks are expensive  
Interoperability  
Know your customer



## Why release?

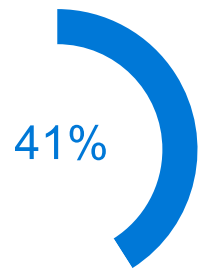
Expand market  
Build ecosystem  
Enable contributions  
Faster feedback  
Thought leadership



Develop strategic relationships

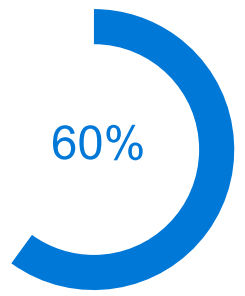


# Open source supports CIO's in digital transformation



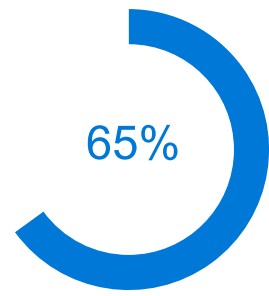
Open source increasingly drives modern applications

41% of decision makers say that increasing use of open source is a high or critical priority<sup>1</sup>



Open source innovation is happening in the cloud

Over 60% of enterprises will adopt open source and open APIs for their cloud integration strategies<sup>3</sup>



Open source accelerates cultural transformation

65% of DevOps early adopters prefer commercial or community open source solutions<sup>2</sup>

<sup>1</sup> Open Source Powers Enterprise Digital Transformation, Forrester Research, April 25 2016 | <sup>2</sup> IDC Early Adopters DevOps Survey, July 2016 | <sup>3</sup> IDC FutureScape: Worldwide Cloud 2016 Predictions, November 2015

# Microsoft's Open Source Vision

Build a sustainable open source culture at Microsoft

# Guiding principles

Microsoft Open Source Explore open.microsoft.com

## Microsoft Open Source Code of Conduct FAQ

### Contents

- Why have a Code of Conduct?
- Why this Code of Conduct?
- Why do this across all repos?
- How does a project adopt the code and process?
- What if my Microsoft project already has a Code of Conduct?
- How do I raise a concern?
- What is the process for addressing issues that arise?
- How does the resolution team work?

### Why have a Code of Conduct?

People and communities are the foundation of open source. Communities thrive through diversity of thought and the safety of its members. Microsoft has a deep-seated commitment to diversity and inclusion. All Microsoft employees enjoy a safe work environment and a culture of mutual respect and responsibility. Our team members and open source partners should enjoy the same environment when collaborating on open source projects.

While conduct issues seldom arise, when they do, they are often very public and very passionate. It is best for the community to be prepared with:

- A clear and accessible **Code of Conduct** for projects which projects operate
- An **Issue Resolution Process**

### Why this Code of Conduct?

The Microsoft Open Source Code of Conduct is an instantiation of the **TODO Group Code of Conduct** template, that captures the Microsoft culture of equality, respect and inclusion. This same template is used by industry colleagues such as Facebook, Twitter, GitHub, Yahoo and others in their open source projects.

### Why do this across all repos?

Having one code and process is both efficient and consistent — community members can participate in any Microsoft-driven project and be confident that they know the norms and that they are supported by a robust process.

Responsible Actions

Transparency

Innovation

Respect

In 2014, Microsoft CEO Satya Nadella directed all Microsoft engineers to "open source internally" - anyone at the company can see anyone else's code and use it as needed.

This vision is now a day-to-day reality for Microsoft engineers.





# Open Source @ Microsoft

**7,057**

Open Source  
components  
integrated

**9,599**

Employees  
working on  
Open Source

**3,800**

Open Source  
projects released

# Examples

## Visual Studio Code

Quick to market with cross-platform support, Microsoft has made numerous contributions to the Electron codebase.

## .NET Core

Microsoft's .NET team gets quick feedback on new features, community makes 60% of code contributions.

## Microsoft Azure

Popular services based on Linux, Hadoop, Redis and other OSS projects. Microsoft has contributed Azure's data center designs to the Open Compute Project.

# Q&A

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