



Canarys Automations Pvt Ltd





Sheshadri Srinivas (Shesh)

Director – Sales and Technology Solutions

sheshadri.srinivas@ecanarys.com



About Canarys

Over 30+ years in the industry, having offices in, New Jersey USA, Bangalore India

Canarys is a comprehensive solution provider specializing in Azure DevOps,
Azure Cloud Consulting, Dynamics 365 Business Central, Application
Development, Mobile Apps and Staffing across broad spectrum of domains.

Fact Sheet



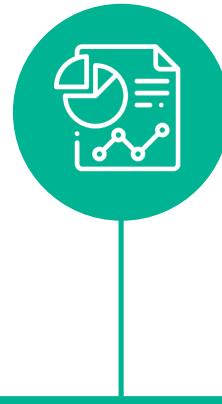
1988

Started



Management

Management Team
with vast & diversified
experience



Team

Dedicated team of brilliant
software professionals



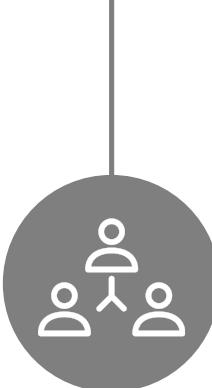
Growth

Consistent Growth over
years



Business

Consistent Growth over
years





Our Services

Canarys has adopted best practices and optimized processes to improve overall service delivery to its customers. Our business model has been refined by the experience gained, by partnering with leading organizations for end-to-end solutions.



Azure DevOps
Consulting



Microsoft
Dynamics



Mobile
Solutions



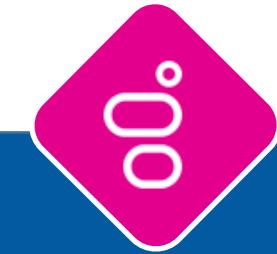
MS Azure
Solutions



Software
Services

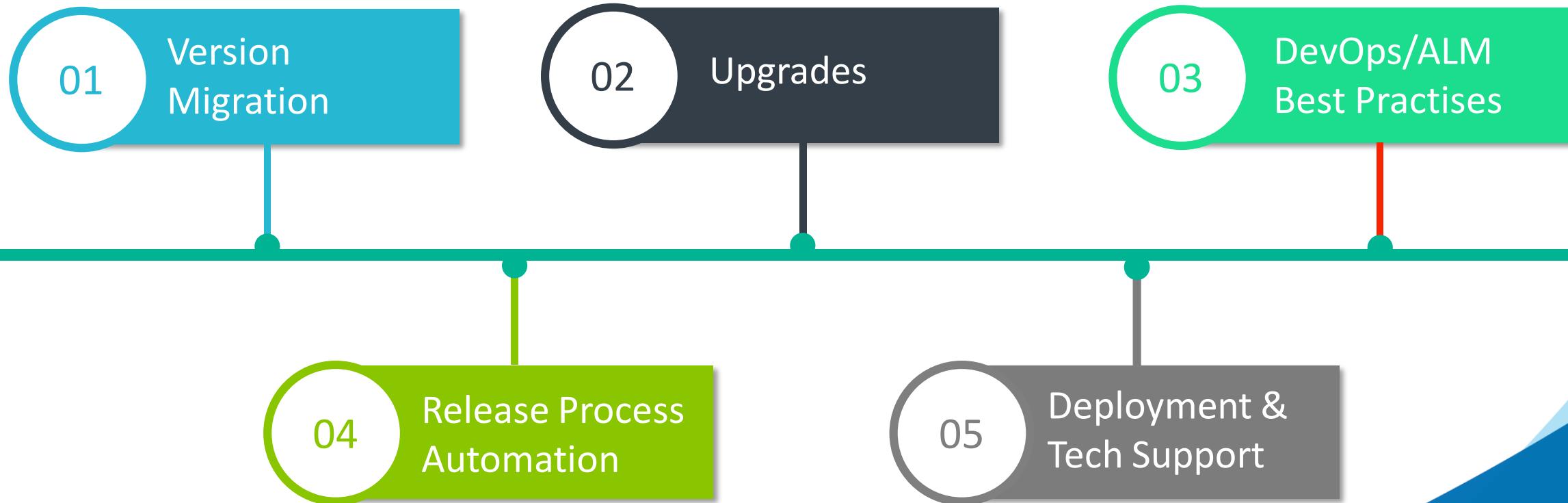


Staffing
Solutions



Genesys
Solutions

Azure DevOps Consulting



Azure DevOps Consulting Services



DevOps implementation with Microsoft tools and Open Source

DevOps Best Practice Consulting, Implementation and coaching/training

Implementation of CI-CD pipelines using VSTS & Azure and Open Source tools like Jenkins

Implementation of CI-CD pipelines using VSTS & Azure for SQL Database

Containerization of the Apps using Docker, Kubernetes and Azure Container Service

Kick start your DevOps journey -using Visual Studio, VSTS, Azure , TFS

Enabling OSS (Open Source) DevOps for technologies like PHP, Java, NodeJS – using VSTS, Eclipse, Github, SonarQube, Jenkins, Maven, Tomcat, Docker, Azure App Services

Azure DevOps Training



Microsoft DevOps hands on lab sessions covering TFS and VSTS features (2 to 4 days)

Microsoft DevOps and Azure hands on lab session covering VSTS and Azure features for .NET and Non .NET teams including CI CD to Azure

Microsoft DevOps trainings for Mobile teams covering Xamarin, Visual Studio App Center, VSTS and Azure



SQL Azure Consulting

Assist organizations in Designing & Implementing a scalable & secure database on SQL Azure and also ensure the use of best practices for using SQL Azure.

Cloud Assessment

Analyze current IT Application and Infrastructure Portfolio Identify and Recommend Delivery Models: IaaS, PaaS & SaaS and Public, Private & Hybrid



Cloud Technical Support and Maintenance

Provide with best-in-class training, support and maintenance services based on Microsoft Azure

Cloud Migration

Create the Strategy, Design, and Implementation Plan for Cloud Adoption



Microsoft Dynamics - 365 BC



01

Microsoft-D365 Business
Central (Formerly NAV)

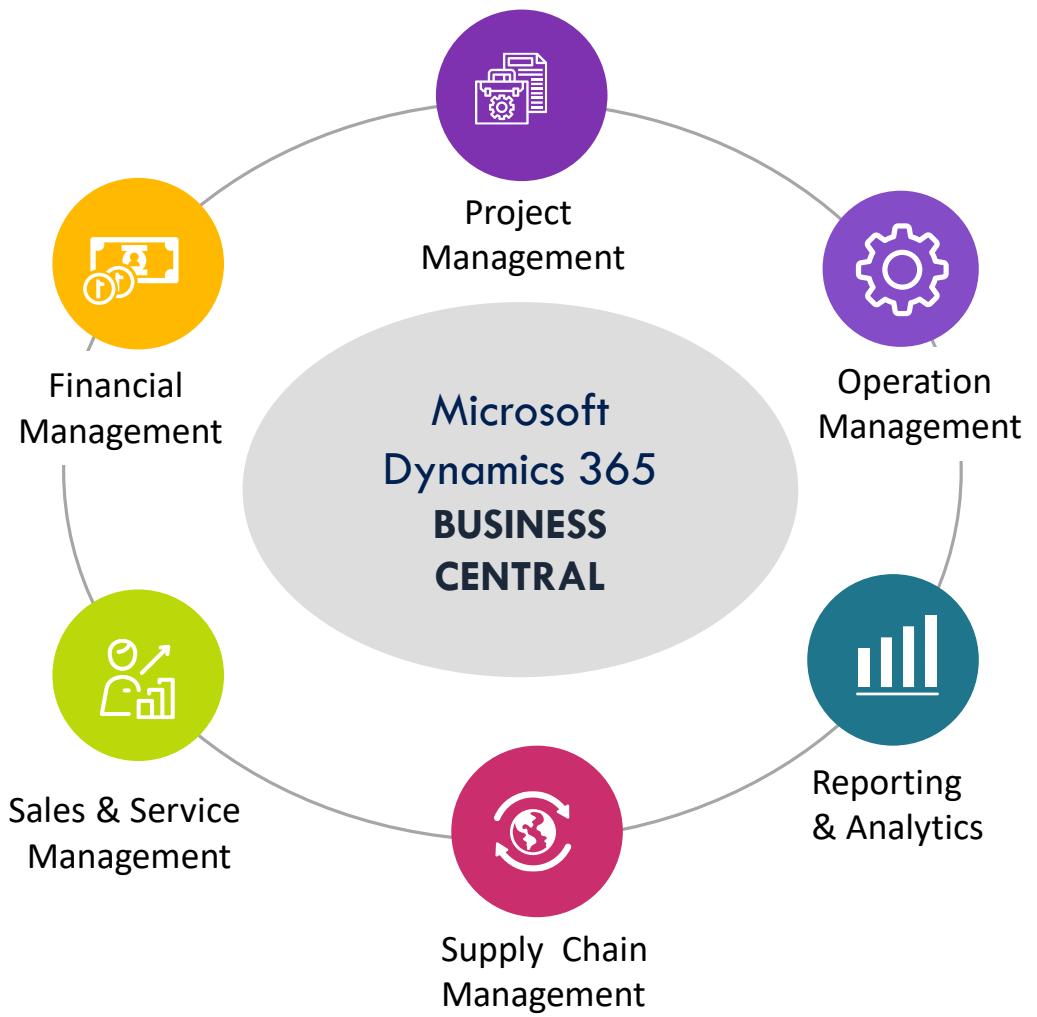
02

Microsoft-D365 Customer
Engagement (Formerly CRM)

03

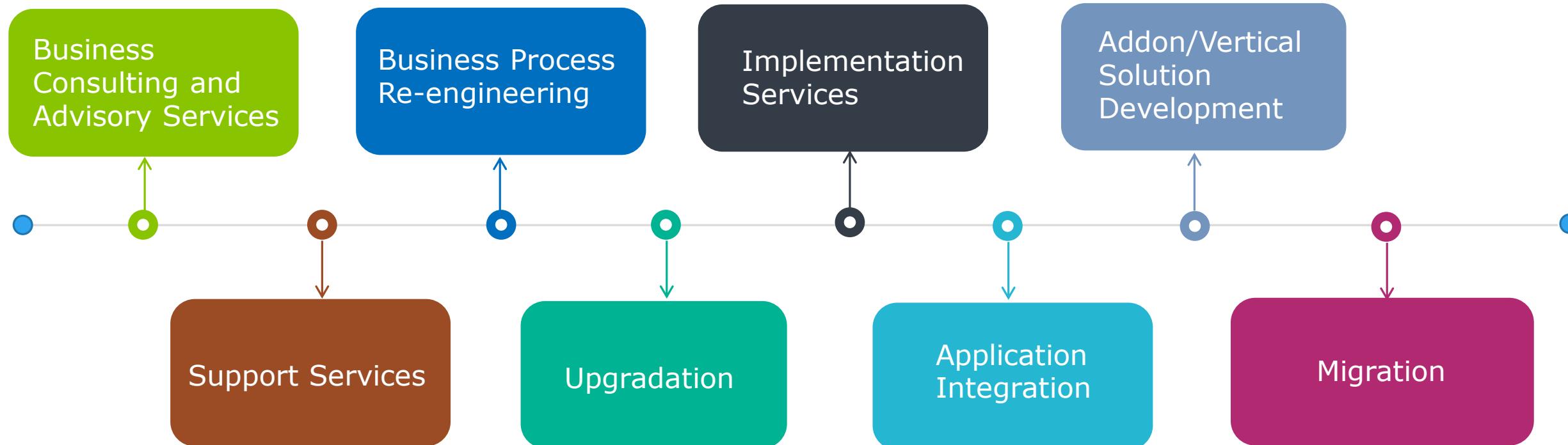
Microsoft-D365
Finance & Operation (Formerly AX)

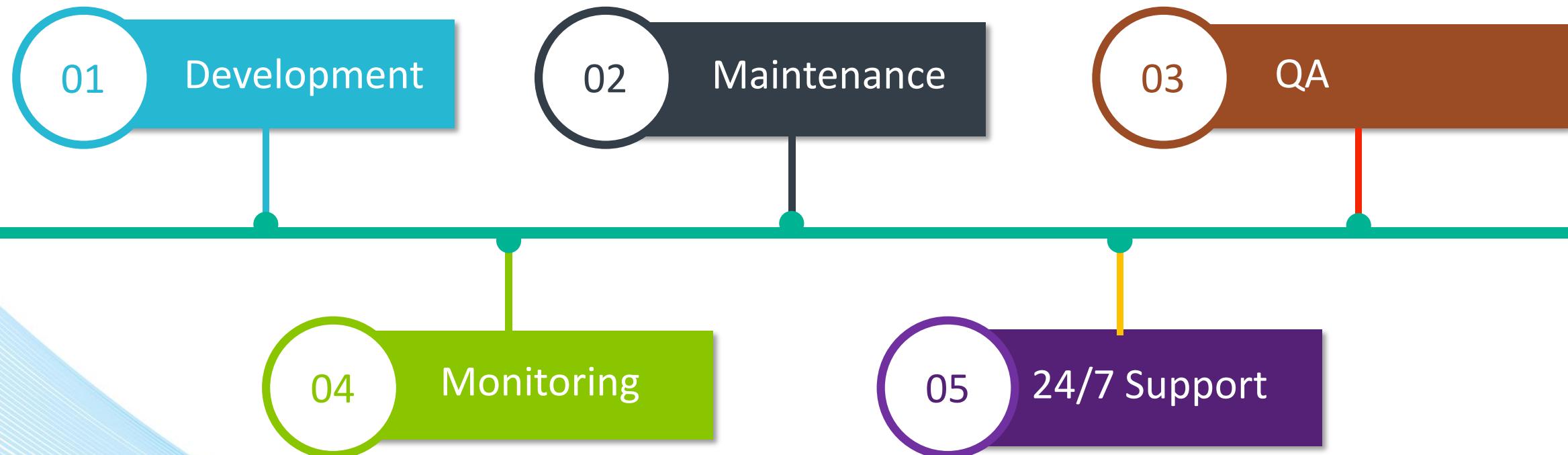
MSD - 365BC





Canarys Dynamics Services Offering





Genesys Platform



PureEngage



PureConnect



PureCloud

Development

IVR Development
Routing Development
UI Development

Scrum Meeting

Create stories and apply the points for that sprint
Create FSD with the help of business
Use the Jira tool for creating the stories in scrum meetings

Monitoring

Monitor Genesys IVR applications using Emperix dialing every defined intervals.
Monitor servers and services using Splunk, get the alerts and based on the alerts send an automated call to an “on call” person.

24/7 Support

Work on critical P1 and P2 tickets on crisis call and involve all the departments to resolve the issues, if needed involve vendor as well.
Open a ticket with Genesys for critical issues and work on them on priority basis.
Validate the inbound and outbound calls. Validate calls as successful with recordings.
Work with Genesys for maintenance and enhancement changes.
Document the change tickets, incidents and share with the team and managers

Application Development & Maintenance





- ❖ **Cross platform Mobile App development using VS**
 - 2015 (Xamarin) for Android, iOS etc.
- ❖ **Mobile Strategy Definition Product Roadmap Definition**
 - Mobile User Interface Definition
- ❖ **Integration with Social Networking Sites**
- ❖ **Cloud Based Services**
 - Google App Engine, Microsoft Azure,
 - Amazon, LAMP
- ❖ **Application Platform Porting**
- ❖ **Mobile App Testing using Xamarin Test Cloud**
- ❖ **Product Launch and Adoption**

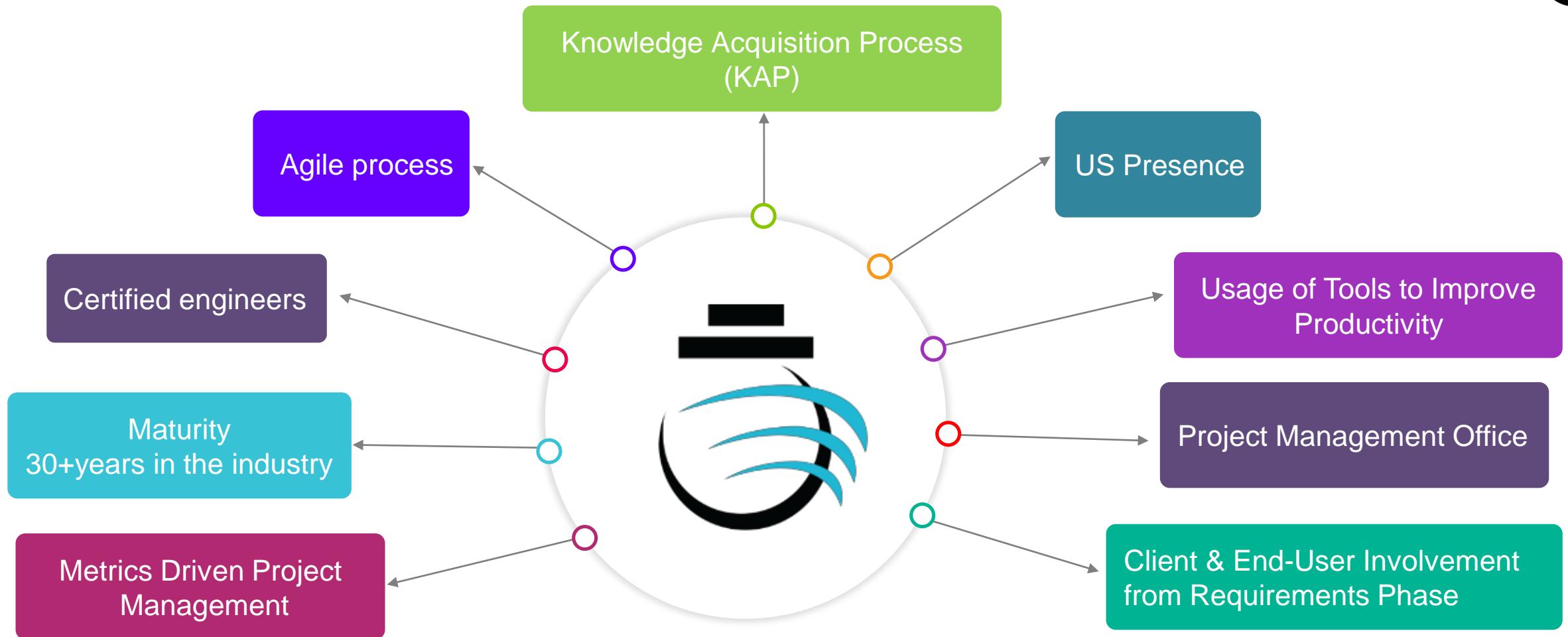


How we work?

- 100% offshore
- Offshore & Onsite combination
- 100% onsite (USA Region)
- Concept to rollout (100% ownership)
- Post delivery – Support and Maintenance
- ODC – Offshore Development Centre
- BOT – Build, Operate, Transfer



Why Canarys?



Our Team



- Uniquely strong combination of knowledge and experience.**
- Industry-certified and highly qualified people from best universities and institutions.**
- Well-structured team providing increased resource bandwidth.**

Canarys In-house Products & Solutions



VSTS on Mobile



ManageMySMS



PayrollAddon



e-Conformance



Bugzilla to TFS Migrator

Certifications & Rewards



Microsoft Partner



2017 Partner of the Year Finalist
DevOps Award

Microsoft Partner



2018 Partner of the Year Finalist
DevOps Award



URS is a member of Registrar of Standards (Holdings) Ltd.

Microsoft Partner

- Gold** Application Lifecycle Management
- Gold** Collaboration and Content
- Gold** Devices and Deployment
- Gold** Business Intelligence

- Silver** Cloud Competency
- Silver** Data Platform
- Silver** Application Development



AKS Workshop

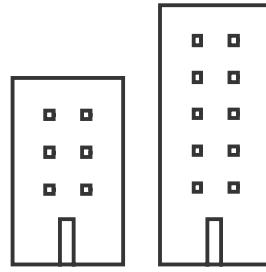
Shashank SN
Sr. DevOps Consultant
Canarys Automations Pvt Ltd.



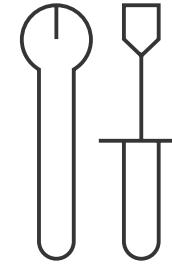


Journey to the cloud

Widening divide between business and IT



Business needs



IT challenges

Rapid innovation to transform products

Close the gap from data to decision

Connect with customers
and empower employees

72% of IT budgets are dedicated towards maintenance ('keeping the lights on').

Only half of all decision makers got help from technologists with their analysis needs

Demand for mobile apps

>5x the capacity of IT



Are your systems ready
for these challenges?





Why modernize?



Reasons to modernize

- **Aging infrastructure**
 - Low efficiency and reliability.
 - High operational costs and capital expenditure.
 - Growing security, audit, and compliance requirements.
 - Inflexible and unable to keep up with business growth.
- **Stagnant architecture**
 - Legacy stack and code.
 - Long deployment times and release cycles.
 - Incompatibilities with modern software systems.
 - It's hard or impossible to add new functionality.
 - Innovation is happening outside IT, unmanaged.



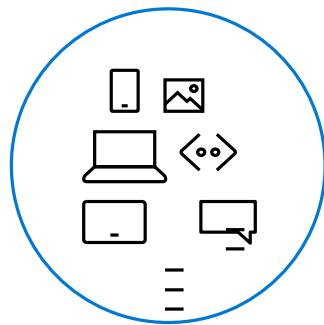
Modernization benefits

- **Turn CapEx into OpEx**
- **Increased operational efficiency**
 - Get out of the data center business.
 - Meet security and compliance requirements.
 - Reduce time and budget spent on infrastructure management.
- **Rapid innovation**
 - Ship new capabilities faster.
 - Achieve scalability with confidence.
 - Better collaboration across business, Ops, IT and dev teams.



How Microsoft can help

Microsoft Azure is a powerful and flexible foundation for past, present, and future apps – easily build, manage, and deploy any application and any stack on a massive, global network using your favorite tools and frameworks.

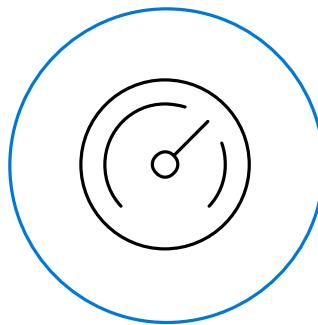


Flexible

Choice of IaaS, PaaS, public cloud or hybrid.

Mirror or modernize app infrastructure with VMs, containers, microservices or serverless.

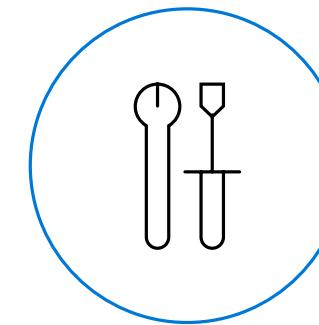
Supports all stages of the app modernization journey – from lift-and-shift to Cloud-Native.



Powerful

Instantly improve the performance, scalability and resiliency of your apps by moving them to the cloud.

Increase business agility with Cloud-Native capabilities and built-in DevOps for continuous innovation.



Open

Bring your stack, we bring a cloud that runs any app, on any platform, and any language.

Build applications using the language and tools of your choice - Azure supports what you already use and love so you can get up and running fast – just bring code.



Any developer

Any app

Any platform



VISUAL
STUDIO

ASP.NET

AZURE
LINUX VM

VISUAL
STUDIO
CODE

C#

iOS
DEVICE

XAMARIN
STUDIO

C++

AZURE
WINDOWS
VM

EMACS

NODE.JS

ANDROID
DEVICE

Any developer

Any app

Any platform



EMACS	PYTHON	CONTAINER SERVICE
VIM	HTML/JS	WINDOWS DEVICE
VISUAL STUDIO	ASP.NET	AZURE WEB APP
VISUAL STUDIO CODE	C#	AZURE LINUX VM
VISUAL STUDIO	C	iOS

Any developer

Any app

Any platform



VIM	C/C++	CONTAINER SERVICE
VISUAL STUDIO	C++	WINDOWS DEVICE
VISUAL STUDIO CODE	NODE.JS	AZURE WEB APP
VISUAL STUDIO MAC	PYTHON	AZURE LINUX VM
EMACS	HTML/CSS	iOS

Any developer

Any app

Any platform

VISUAL
STUDIO
CODE

ASP.NET

AZURE
LINUX VM

Any developer

VISUAL
STUDIO MAC

C#

iOS
DEVICE

Any app

EMACS

C++

AZURE
WINDOWS
VM

Any platform

VIM

NODEJS

ANDROID



DevOps

What is DevOps?

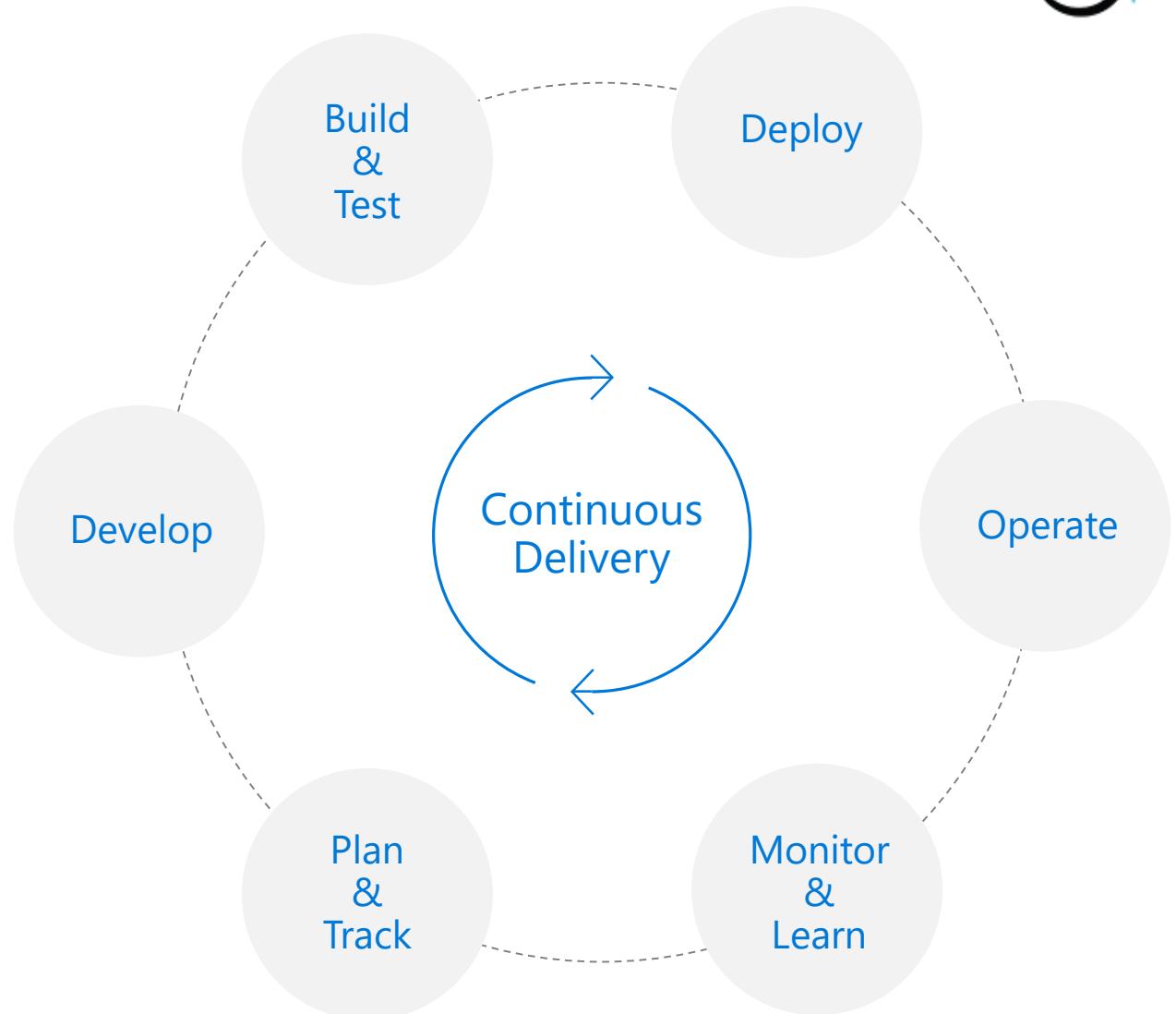


People. Process. Products.

“

DevOps is the union of **people**,
process, and **products** to
enable continuous delivery of
value to your end users.”

”



Introducing Azure DevOps



Azure Boards

Deliver value to your users faster using proven agile tools to plan, track, and discuss work across your teams.



Azure Repos

Get unlimited, cloud-hosted private Git repos and collaborate to build better code with pull requests and advanced file management.



Azure Pipelines

Build, test, and deploy with CI/CD that works with any language, platform, and cloud. Connect to GitHub or any other Git provider and deploy continuously.



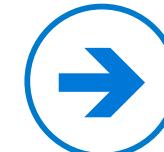
Azure Artifacts

Create, host, and share packages with your team, and add artifacts to your CI/CD pipelines with a single click.



Azure Test Plans

Test and ship with confidence using manual and exploratory testing tools.



<https://azure.com/devops>

Azure Boards

Track work with Kanban boards, backlogs, team dashboards, and custom reporting



Connected from idea to release

Track all your ideas at every development stage and keep your team aligned with all code changes linked directly to work items.



Scrum ready

Use built-in scrum boards and planning tools to help your teams run sprints, stand-ups, and planning meetings.



Project insights

Gain new insights into the health and status of your project with powerful analytics tools and dashboard widgets.



<https://azure.com/devops>

The screenshot shows the Azure DevOps Boards interface for the 'FabrikamFiber' project. The left sidebar includes links for 'AdventureWorks Mobile', 'Overview', 'Boards' (which is selected), 'Work Items', 'Backlogs', 'Sprints', 'Queries', 'Plans', 'Repos', 'Pipelines', 'Test Plans', and 'Artifacts'. The main area is titled 'FabrikamFiber Board' and displays a Kanban board with columns for 'New', 'Active', '5/5 Staging', and '15/5 Deployed'. The 'New' column contains a 'New item' card for 'Hotels filter page' by 'Carlos Slattery' (Xamarin). The 'Active' column contains cards for 'Home page (selected room)' by 'Kat Larson' (Design), 'Top page controls' by 'Celeste Burton' (ML, Xamarin), 'Guests page' by 'Carole Poland' (ML, Xamarin), 'NFC open door' by 'Cecil Folk' (Spike, Xamarin), 'Room Tab' by 'Celeste Burton' (Rooms [Detail]), 'Map filter' by 'Carole Poland' (General, Room [List]), 'Hotel reviews page' by 'Celeste Burton' (Rooms [Detail]), and 'Adapt some parts of UI to UWP for Desktop' by 'Carole Poland' (Blocked, Xamarin). The 'Staging' and 'Deployed' columns also contain several cards each, mostly related to mobile application components like 'Mobile (Spike)', 'Mobile (Design)', 'Footer', 'Entry + validations', 'Navigation menu', 'Login page', 'Ambient settings', and 'Notifications list'.

Azure Repos

Unlimited private Git repo hosting and support for TFVC that scales from a hobby project to the world's largest Git repositories



Works with your Git client

Securely connect with and push code into your Git repos from any IDE, editor, or Git client.



Web hooks and API integration

Add validations and extensions from the marketplace or build your own using web hooks and REST APIs.



Semantic code search

Quickly find what you're looking for with code-aware search that understands classes and variables.



<https://azure.com/devops>

The screenshot shows the Azure DevOps interface for the 'AdventureWorks Mobile' project. The left sidebar has a dark theme with white icons and text. It includes links for Overview, Boards, Repos (which is selected), Files, Commits, Pushes, Branches, Tags, Pull requests (also selected), Pipelines, Test Plans, and Artifacts. At the bottom of the sidebar is a 'Project settings' link. The main content area is titled 'Pull requests' and shows a list of pull requests categorized by creator: 'Mine', 'Active', 'Completed', and 'Abandoned'. A search bar at the top of the list allows filtering by keyword or ID. Below the search bar is a 'Created by me' section. The first two items in this list are 'Initialize client with .client.init' and 'Testing configuration settings', both requested by Kat Larsson. The next section is 'Assigned to me', containing 'Check returned identity for null status' by Colin Ballinger and '[WIP] Add tests for deployment mapping' by Robin Counts. The final section is 'Assigned to my team', which is currently empty. On the far right of each pull request item, there are icons for users, comments, and other actions.

Created by	Pull Request Details	Comments	Actions
Mine	Initialize client with .client.init Testing configuration settings	6	...
Active	Check returned identity for null status [WIP] Add tests for deployment mapping	0	...
Completed		1	...
Abandoned		0	...

Azure Pipelines

Cloud-hosted pipelines for Linux, Windows and macOS, with unlimited minutes for open source



Any language, any platform, any cloud

Build, test, and deploy Node.js, Python, Java, PHP, Ruby, C/C++, .NET, Android, and iOS apps. Run in parallel on Linux, macOS, and Windows. Deploy to Azure, AWS, GCP or on-premises



Extensible

Explore and implement a wide range of community-built build, test, and deployment tasks, along with hundreds of extensions from Slack to SonarCloud. Support for YAML, reporting and more



Containers and Kubernetes

Easily build and push images to container registries like Docker Hub and Azure Container Registry. Deploy containers to individual hosts or Kubernetes.



Best-in-class for open source

Ensure fast continuous integration/continuous delivery (CI/CD) pipelines for every open source project. Get unlimited build minutes for all open source projects with up to 10 free parallel jobs across Linux, macOS and Windows

The screenshot shows the Azure DevOps Pipelines interface for the AdventureWorks Mobile project. The pipeline is titled "Enabling feature flags for Preview Attachment and Grid Views". It consists of three parallel jobs: a Windows Job (Running, 1m 53s), a Linux Job (Running, 3m 29s), and a macOS Job (Running, 3m 07s). The Linux Job is currently selected, showing its detailed steps:

- Prepare job
- Initialize job
- Get sources
- Cmdline
- Nodetool
- Install dependencies

The logs for the Linux job show the following command output:

```
yarn install v1.7.0
$ node build/npm/preinstall.js
[1/4] Resolving packages...
[2/4] Fetching packages...
[3/4] Linking dependencies...
[4/4] Building fresh packages...
$ npm run compile
> code-oss-dev-build@1.0.0 compile ./adventureworks/build
> tsc -p tsconfig.build.json

* Done in 4.89s.
$ node ./postinstall
[##] 2/2 removed './adventureworks/extensions/node_modules/typescript/lib/tsc.js'
removed './adventureworks/extensions/node_modules/typescript/lib/tsserverlibrary.d.ts'
removed './adventureworks/extensions/node_modules/typescript/lib/tsserverlibrary.js'
removed './adventureworks/extensions/node_modules/typescript/lib/typescriptServices.d.ts'
removed './adventureworks/extensions/node_modules/typescript/lib/typescriptServices.js'
```



<https://azure.com/pipelines>

Azure Test Plans

Get end-to-end traceability. Run tests and log defects from your browser. Track and assess quality throughout your testing lifecycle.



Capture rich data

Capture rich scenario data as you execute tests to make discovered defects actionable. Explore user stories without test cases or test steps. You can create test cases directly from your exploratory test sessions.



Test across web and desktop

Test your application where it lives. Complete scripted tests across desktop or web scenarios. Test on-premises application from the cloud and vice-versa.

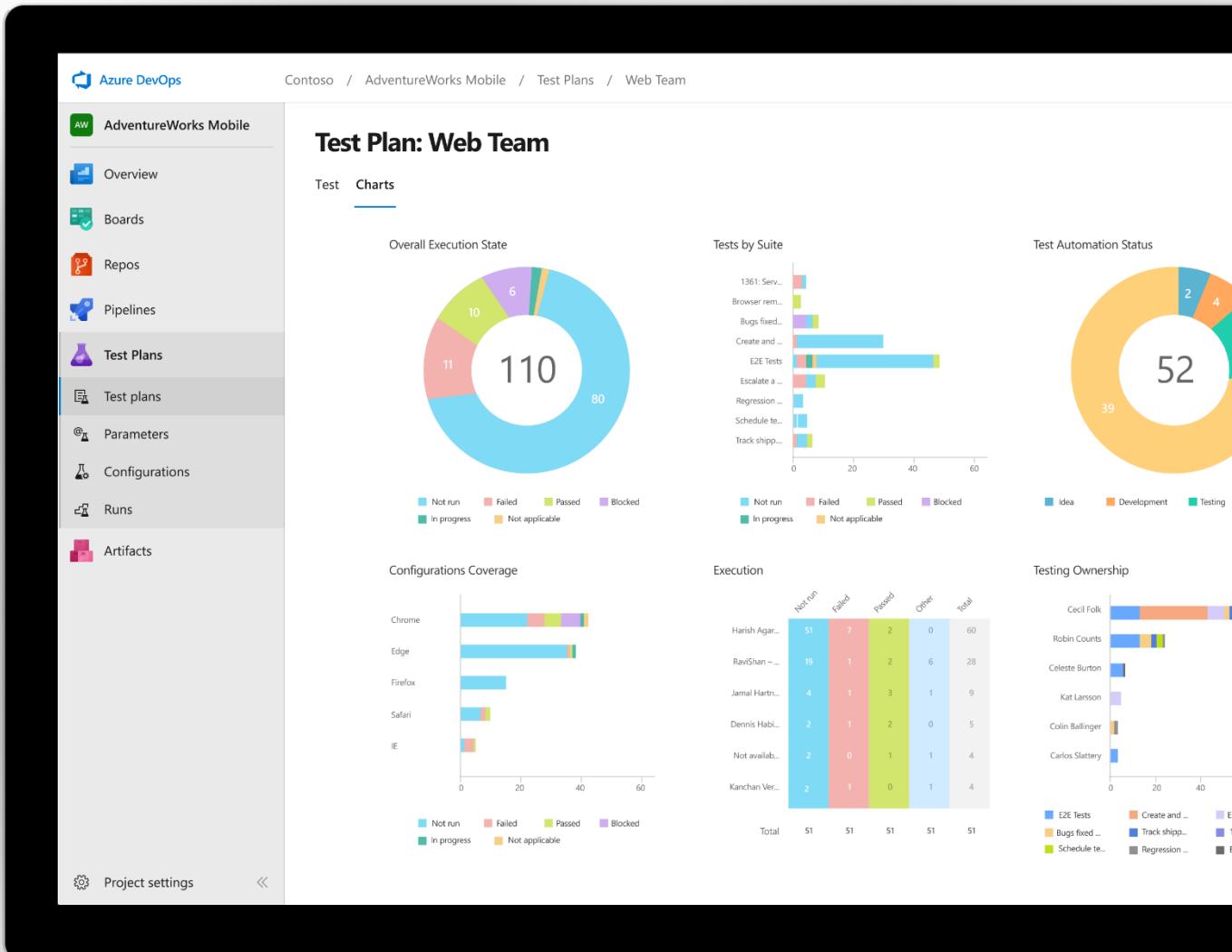


Get end-to-end traceability

Leverage the same test tools across your engineers and user acceptance testing stakeholders. Pay for the tools only when you need them.



<https://azure.com/devops>



Azure Artifacts

Create and share Maven, npm, and NuGet package feeds from public and private sources – fully integrated into CI/CD pipelines



Manage all package types

Get universal artifact management for Maven, npm, and NuGet.



Add packages to any pipeline

Share packages, and use built-in CI/CD, versioning, and testing.



Share code efficiently

Easily share code across small teams and large enterprises.



<https://azure.com/devops>

The screenshot shows the Azure DevOps interface for managing artifacts. On the left, there's a sidebar with links for 'AdventureWorks Mobile' (selected), 'Overview', 'Boards', 'Repos', 'Pipelines', 'Test Plans', and 'Artifacts'. The main area is titled 'Artifacts' and shows a table of packages. The columns are 'Package', 'Views', 'Source', 'Last pushed', and 'Description'. The table lists the following packages:

Package	Views	Source	Last pushed	Description
abbrev		nuget	a year ago	Like ruby's abbrev module, but in js
accepts		npmjs	a year ago	Higher-level content negotiation
acorn		MyFeed	a year ago	ECMAScript parser
acorn-dynamic-import		maven	a year ago	Support dynamic imports in acorn
aclr-jsx		nuget	a year ago	Alternative, faster React.js JSX parser
acorn-object-spread		maven	a year ago	Custom JSON-Schema keywords for ajv validator
ajv		npmjs	a year ago	Alphanumeric sorting algorithm
ajv-keywords		nuget	a year ago	ANSI escape codes for manipulating the terminal
alphanum-sort		npmjs	a year ago	An elegant lib that converts the chalked (ANSI) text to HTM

Azure DevOps Marketplace

Visual Studio Visual Studio Code **Azure DevOps** Subscriptions Build your own Publish extensions

Extensions for Azure DevOps

Search Azure DevOps extensions 

Featured



Timetracker
7pace  8.7K  FREE TRIAL



Retrospectives
Microsoft DevLabs  4.2K  FREE



WhiteSource Bolt
WhiteSource  3.4K  FREE



Azure Cost Insights
Kees Schollaart  1.2K  FREE

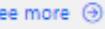


Code Quality NDepend
ndepend  835  FREE TRIAL



Bravo Notes
Agile Extensions  240  FREE TRIAL

Most Popular

See more 



Test & Feedback
Microsoft  131K  FREE



Code Search
Microsoft  113K  FREE



Azure DevOps Open
Microsoft DevLabs  62.3K  FREE



Analytics
Microsoft  33.6K  FREE TRIAL



Slack Integration
Microsoft  30.7K  FREE



Folder Management
Microsoft DevLabs  30.5K  FREE

Canarys In-house Products & Solutions



 VSTS TeamProject Manager Canarys Automation  503 An extension to list all projects from VSTS account.  FREE	 VSTS Copy Dashboard copy with ease Copying dashboards across multiple teams and projects across multiple VSTS accounts.  FREE	 VSTS on Mobile Canarys Automation  1.7K The best app for the executives on the move to stay informed about the...  FREE	 VSTS Area Uploader to upload bulk area Upload Areas with multiple levels from CSV to VSTS  FREE	 VSTS Copy Project Canarys Automation  410 Copies the source team project artifacts to a new team project  FREE	 VSTS Rollup VSTS workitem effort rollup Rollup of efforts of Task Work Items to parent level items like PBI, Stories, Feature, Epi...  FREE
---	---	--	---	---	---

Azure DevOps supports small teams to largest enterprises



“ Instead of telling people to wait for 6 months for a new feature, we can give it to them in a few weeks...Our 2800 worldwide developers can use the same backlog, user stories and tests whether they're on Windows or Linux... building for iOS or Android. ”



“ Microsoft made it really easy to break outside the silos... and tie the DevOps process into the fulfillment of business process. Without the tools that we have today, we would not be successful. ”



“ Speed is gained in moving to the PaaS offering of Azure DevOps. PaaS provides regularly released features and a future-proof capability, eliminating the need for Accenture to maintain infrastructure and go through upgrade cycles. ”



“ Branches sync 500 percent faster. Builds are 400 percent faster, with the typically six-hour process reduced to 90 minutes. We (now have) a highly streamlined process that operates with a few button clicks—and one-button deployment. ”

DevOps at Microsoft



Azure DevOps is the toolchain of choice for Microsoft engineering with over 90,000 internal users

→ <https://aka.ms/DevOpsAtMicrosoft>

372k

Pull Requests per month

4.4m

Builds per month

5m

Work items viewed per day

2m

Git commits per month

500m

Test executions per day

500k

Work items updated per day

78,000

Deployments per day

Data: Internal Microsoft engineering system activity, August 2018



#AzureDevOps



<https://azure.com/devops>



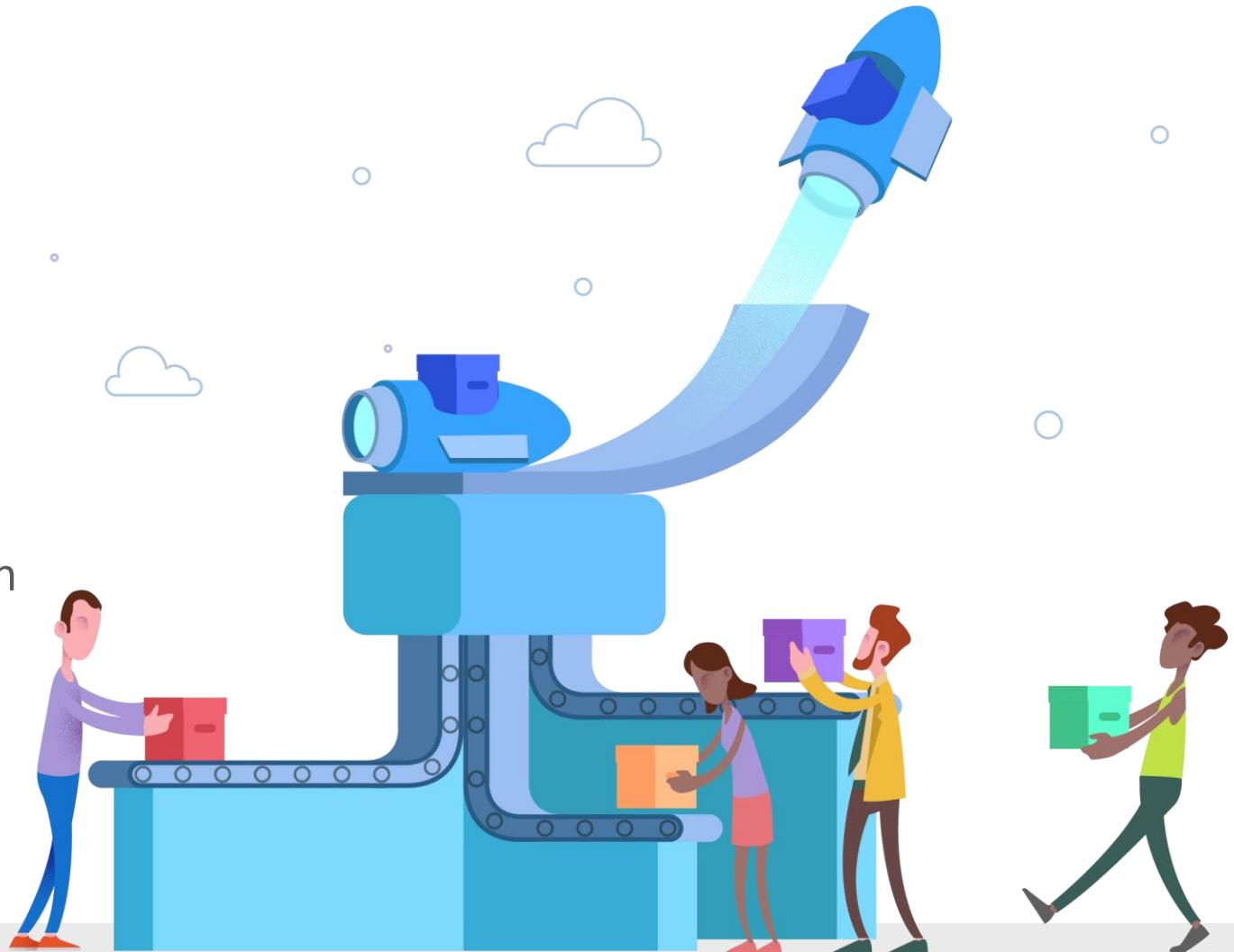
@AzureDevOps



<https://aka.ms/AzureDevOpsForum>



<https://aka.ms/DevOpsBlog/>





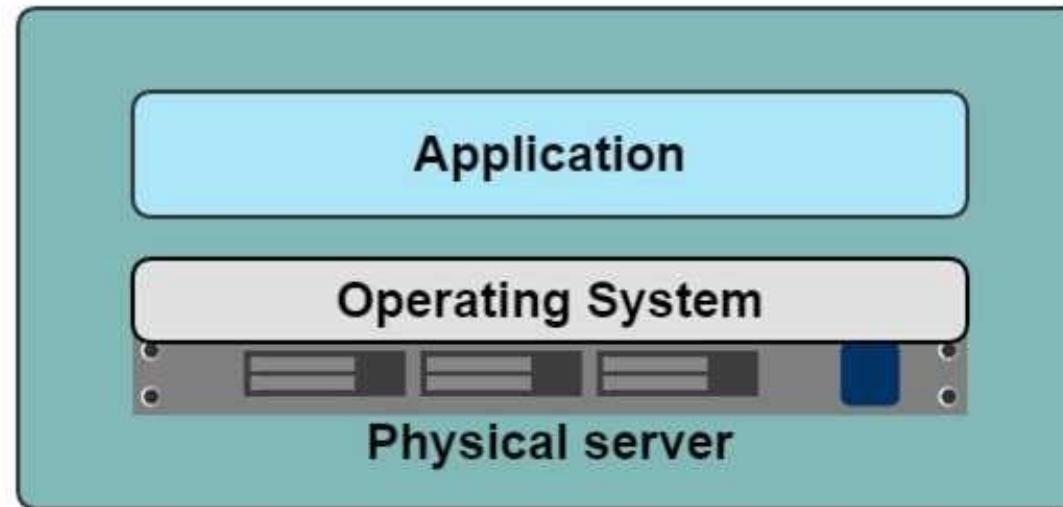
A History Lesson



A History Lesson

In the Dark Ages

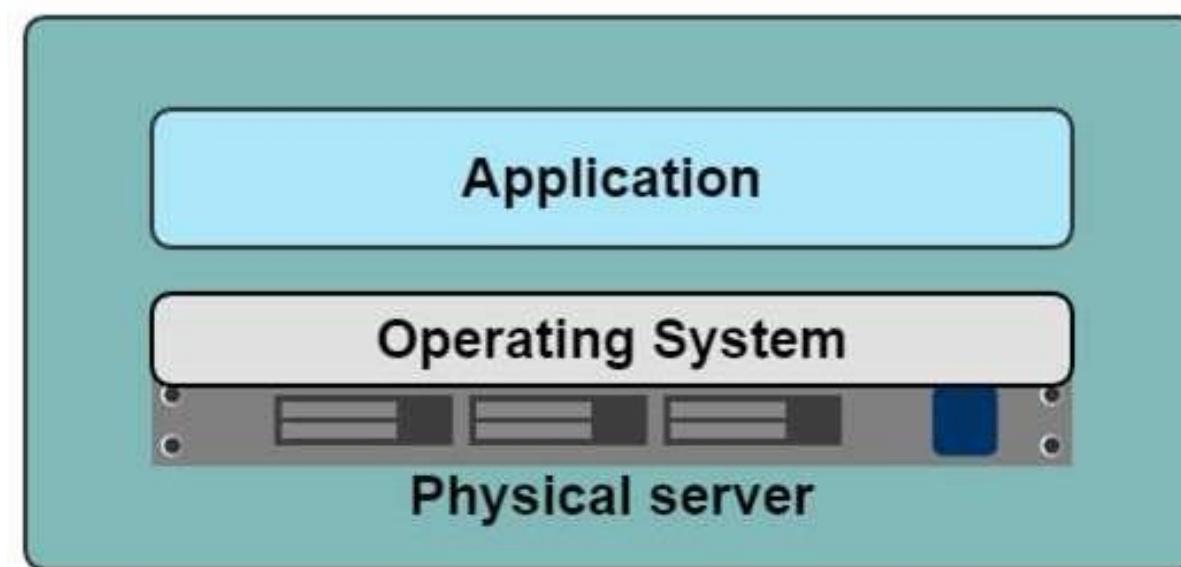
One application on one physical server





Historical limitations of application deployment

- Slow deployment times
- Huge costs
- Wasted resources
- Difficult to scale
- Difficult to migrate
- Vendor lock in

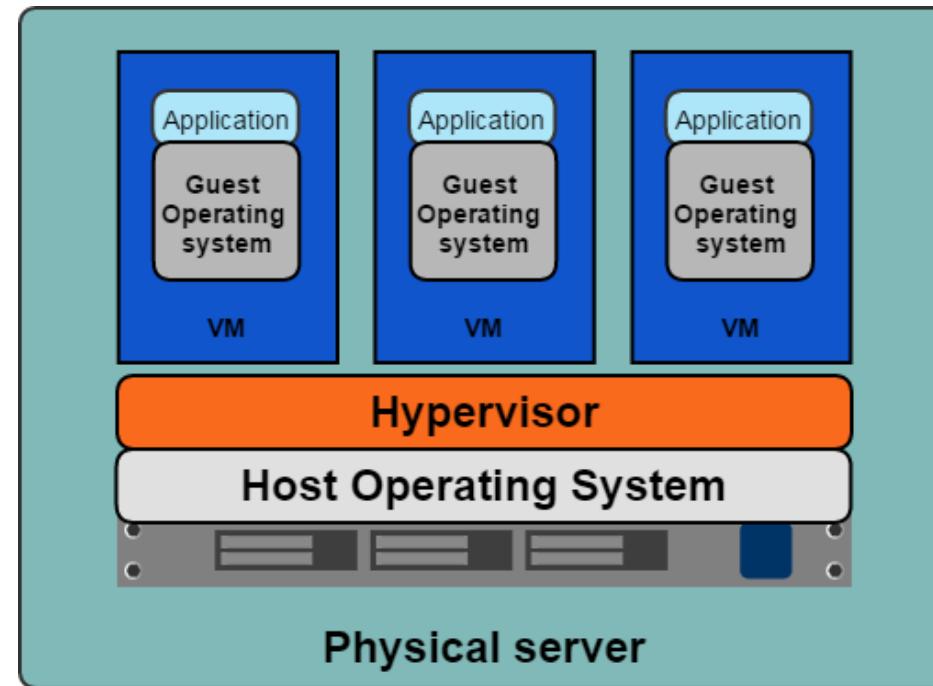




A History Lesson

Hypervisor-based Virtualization

- One physical server can contain multiple applications
- Each application runs in a virtual machine (VM)





Benefits of VMs

- Better resource pooling
 - One physical machine divided into multiple virtual machines
- Easier to scale
- VMs in the cloud
 - Rapid elasticity
 - Pay as you go model





Limitations of VMs

- Each VM stills requires
 - CPU allocation
 - Storage
 - RAM
 - An entire guest operating system
- The more VMs you run, the more resources you need
- Guest OS means wasted resources
- Application portability not guaranteed

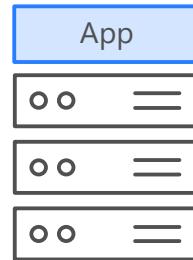




Containers

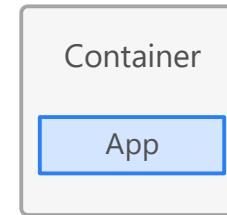


What is a **container**?



Virtual machines

- Virtualize the hardware
- VMs as units of scaling



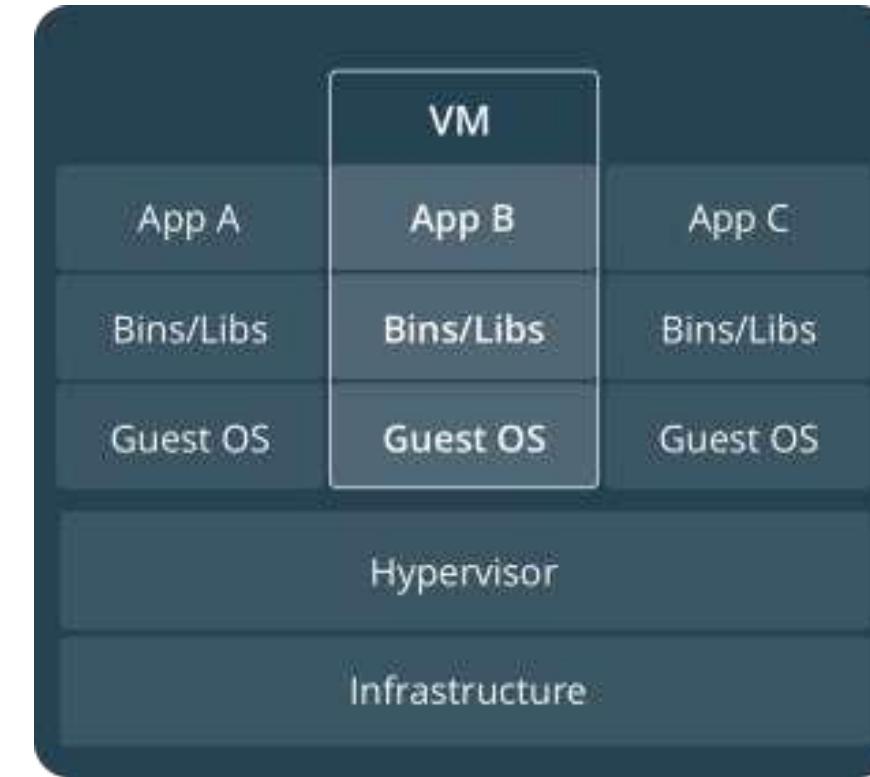
Containers

- Virtualize the operating system
- Applications as units of scaling

Comparing Containers and VMs

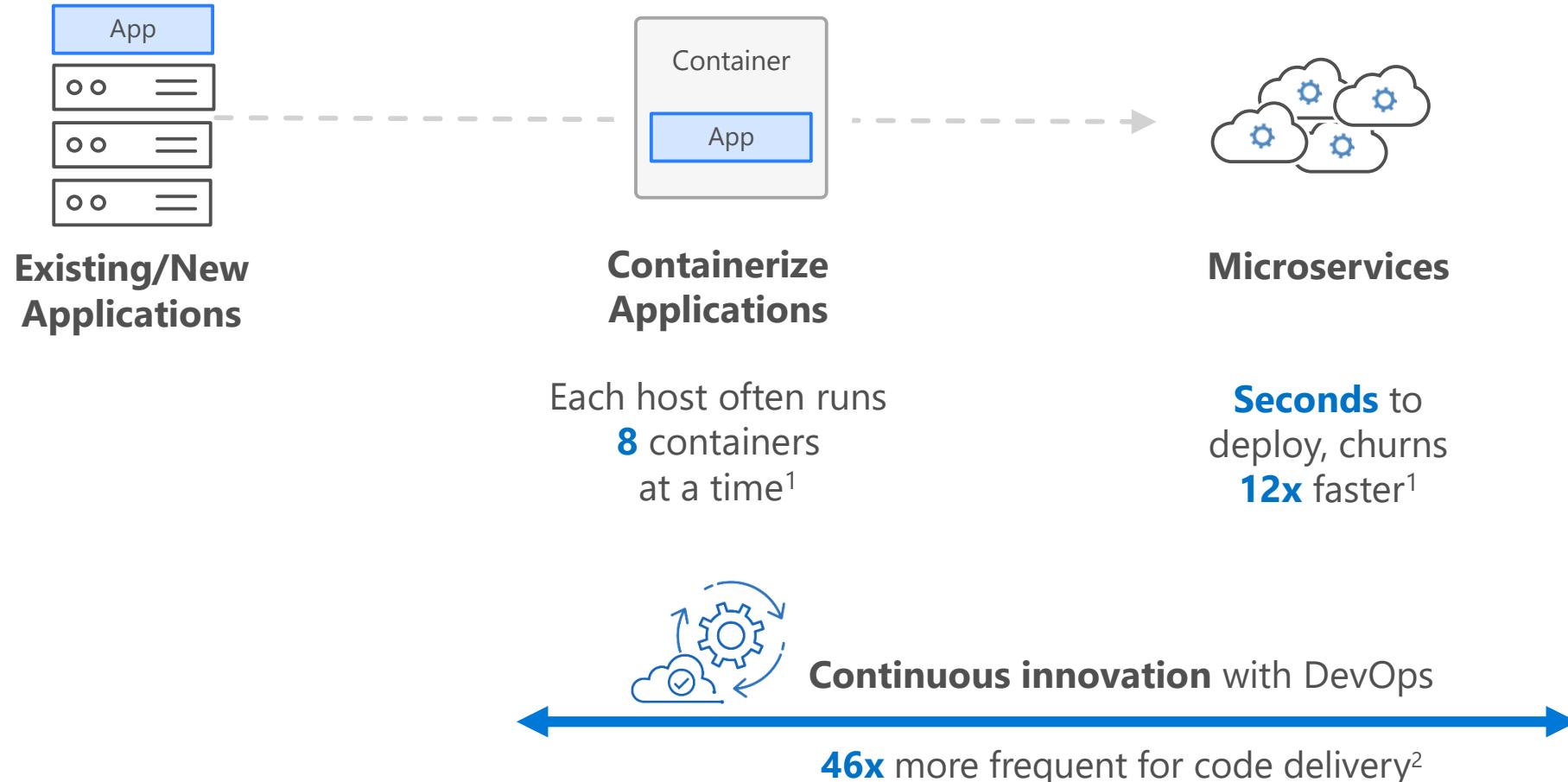


Containers are an app level construct



VMs are an infrastructure level construct to turn one machine into many servers

From traditional systems to portfolio of modern apps



Source:

1: Datadog [Report](#): 8 Surprising Facts About Real Docker Adoption; 2: 2017 state of DevOps [Report](#)



The benefits of using containers

Any OS



Linux



Windows

Anywhere



On-premises



Cloud

Any app



Monolith



Microservice

Any language



Java



.Net



Python



Node

The container **advantage**

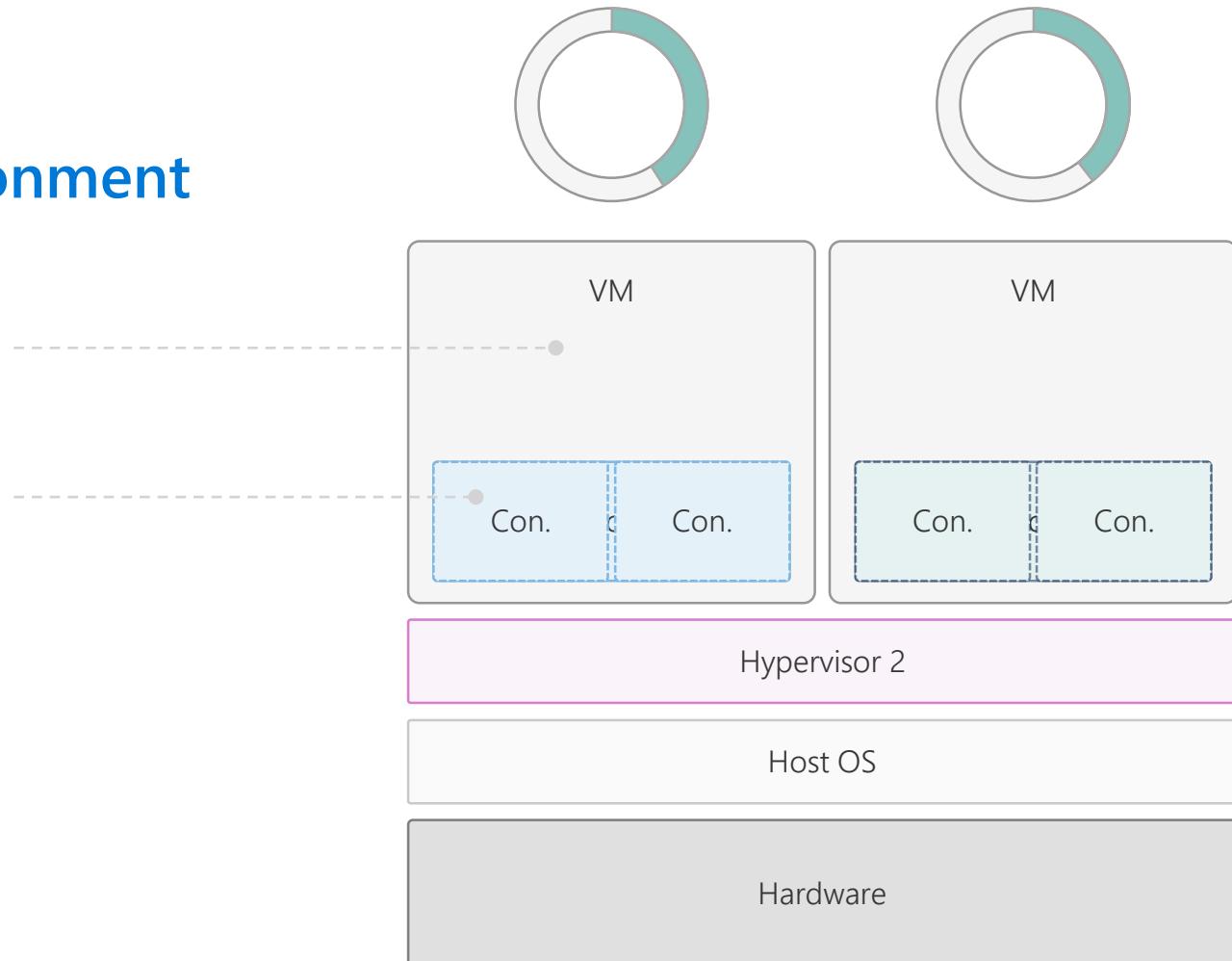


Traditional virtualized environment

Low utilization of container resources

Containerization of applications and their dependencies for portability

From dev to production agility across development and operations teams



The container **advantage**

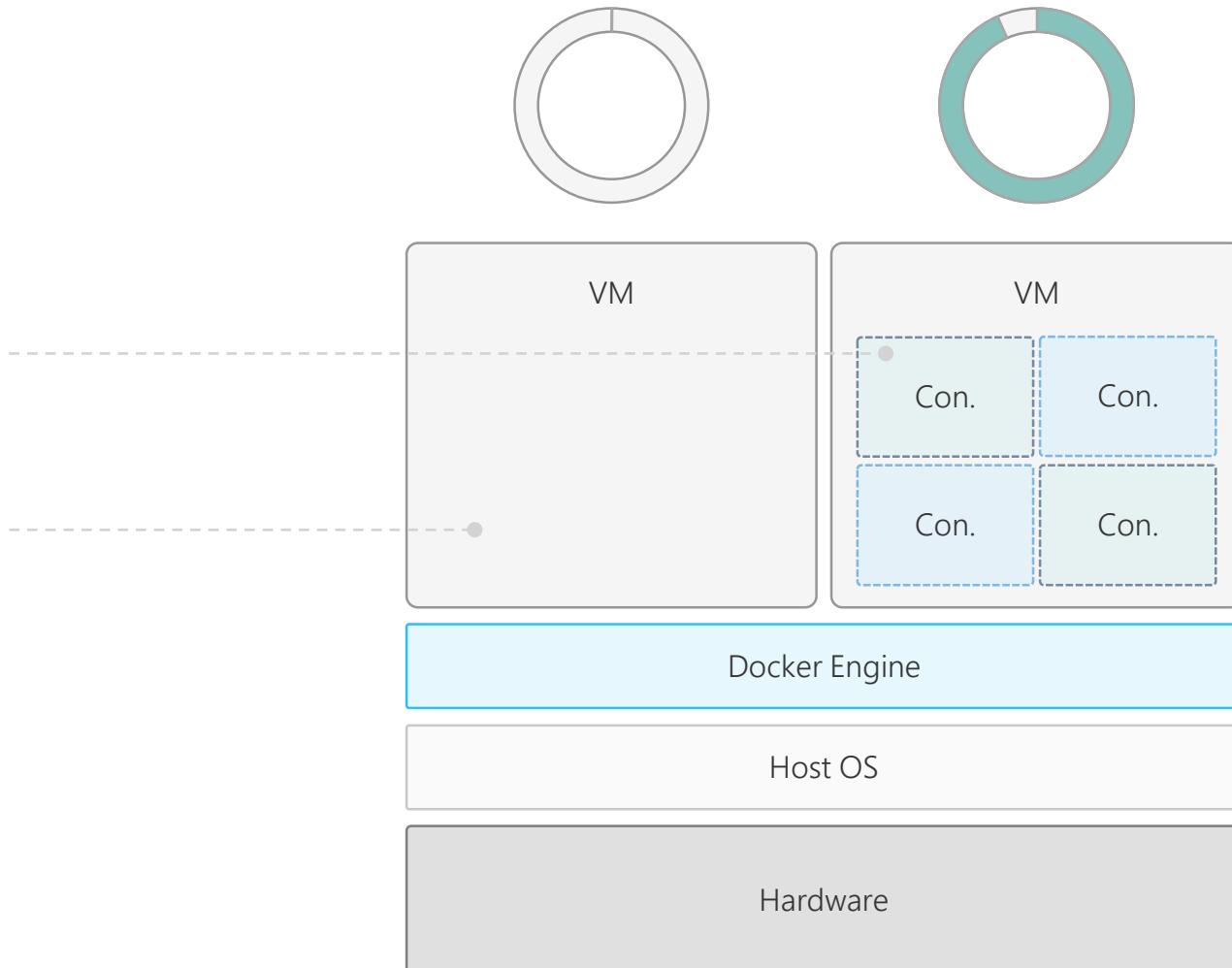


Containerized environment

Migrate containers and their dependencies to underutilized VMs for improved density and isolation

Decommission unused resources for efficiency gains and cost savings

Container is light weight and faster to scale dynamically



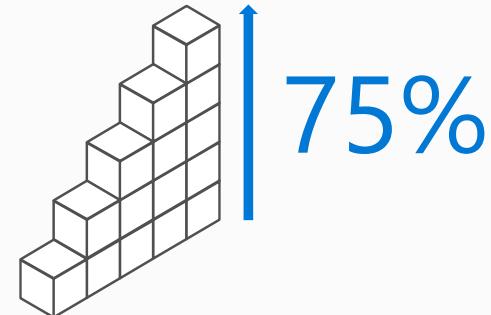
Containers **momentum**



"By 2020, more than **50%** of enterprises will run mission-critical, containerized cloud-native applications in production."

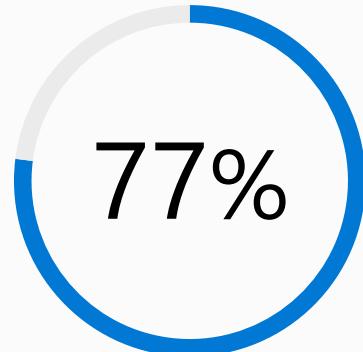
Gartner

The average size of a container deployment has grown 75% in one year.¹



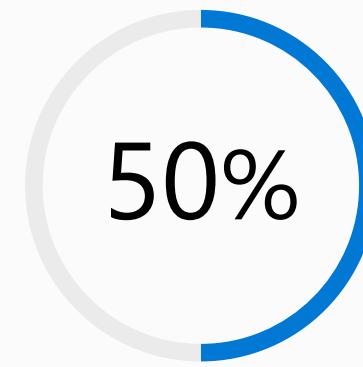
Half of container environment is orchestrated.¹

77% of companies² who use container orchestrators choose Kubernetes.



Larger companies are leading the adoption.¹

Nearly 50% of organizations¹ running 1000 or more hosts have adopted containers.



¹ Datadog report: 8 Surprising Facts About Real Docker Adoption

² CNCF survey: cloud-native-technologies-scaling-production-applications



Docker



What is docker?

An open source container runtime
Mac, Windows and Linux support

```
# The world's simplest Dockerfile
$ cat Dockerfile
FROM scratch
COPY hello /
CMD ["/hello"]

# Let's create a docker image "tagged" hello-world
$ docker build -t hello-world .

# And run it...
$ docker run hello-world
```

Key Benefits of Docker Containers



Speed

- No OS to boot = applications online in seconds

Portability

- Less dependencies between process layers = ability to move between infrastructure

Efficiency

- Less OS overhead
- Improved VM density

Docker Basics



Image

The basis of a Docker container. The content at rest.



Container

The image when it is ‘running.’ The standard unit for app service



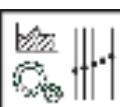
Engine

The software that executes commands for containers. Networking and volumes are part of Engine. Can be clustered together.



Registry

Stores, distributes and manages Docker images



File

A text file which consists of commands



Kubernetes

Kubernetes: empowering you to do more



Portable

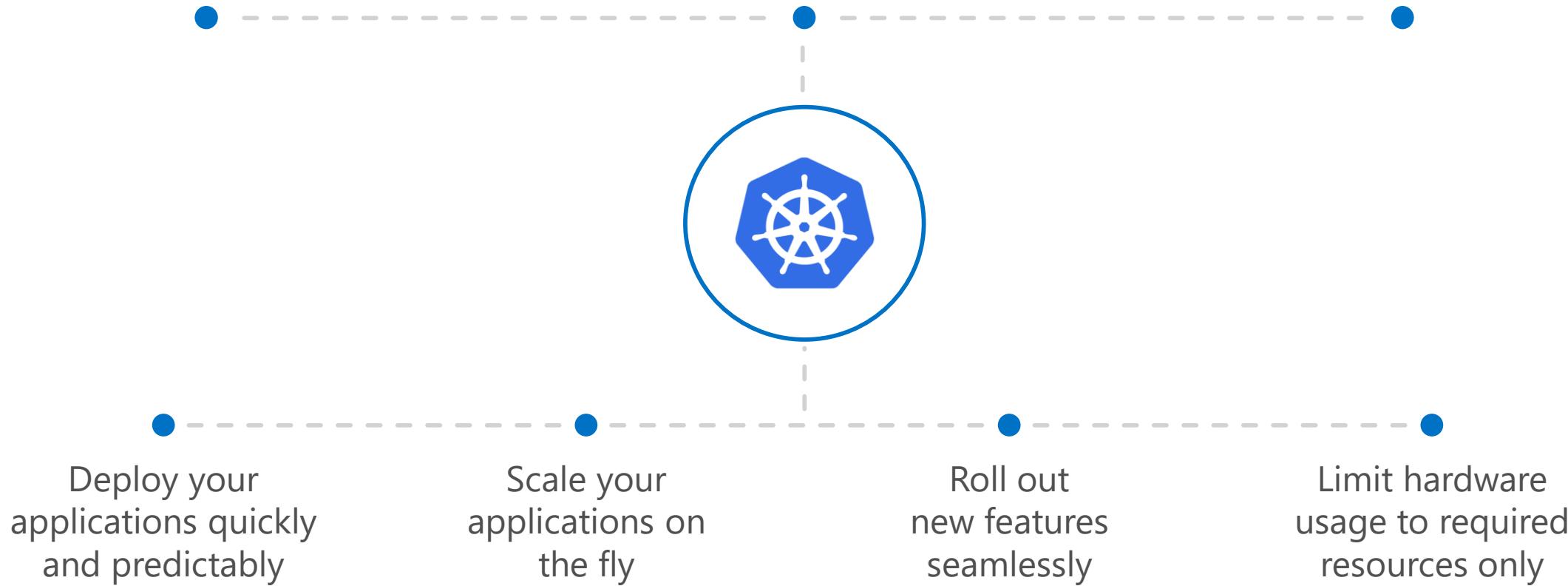
Public, private, hybrid,
multi-cloud

Extensible

Modular, pluggable,
hookable, composable

Self-healing

Auto-placement, auto-restart,
auto-replication, auto-scaling



The elements of **orchestration**



Scheduling



Affinity/anti-affinity



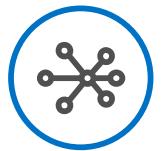
Health monitoring



Failover



Scaling



Networking



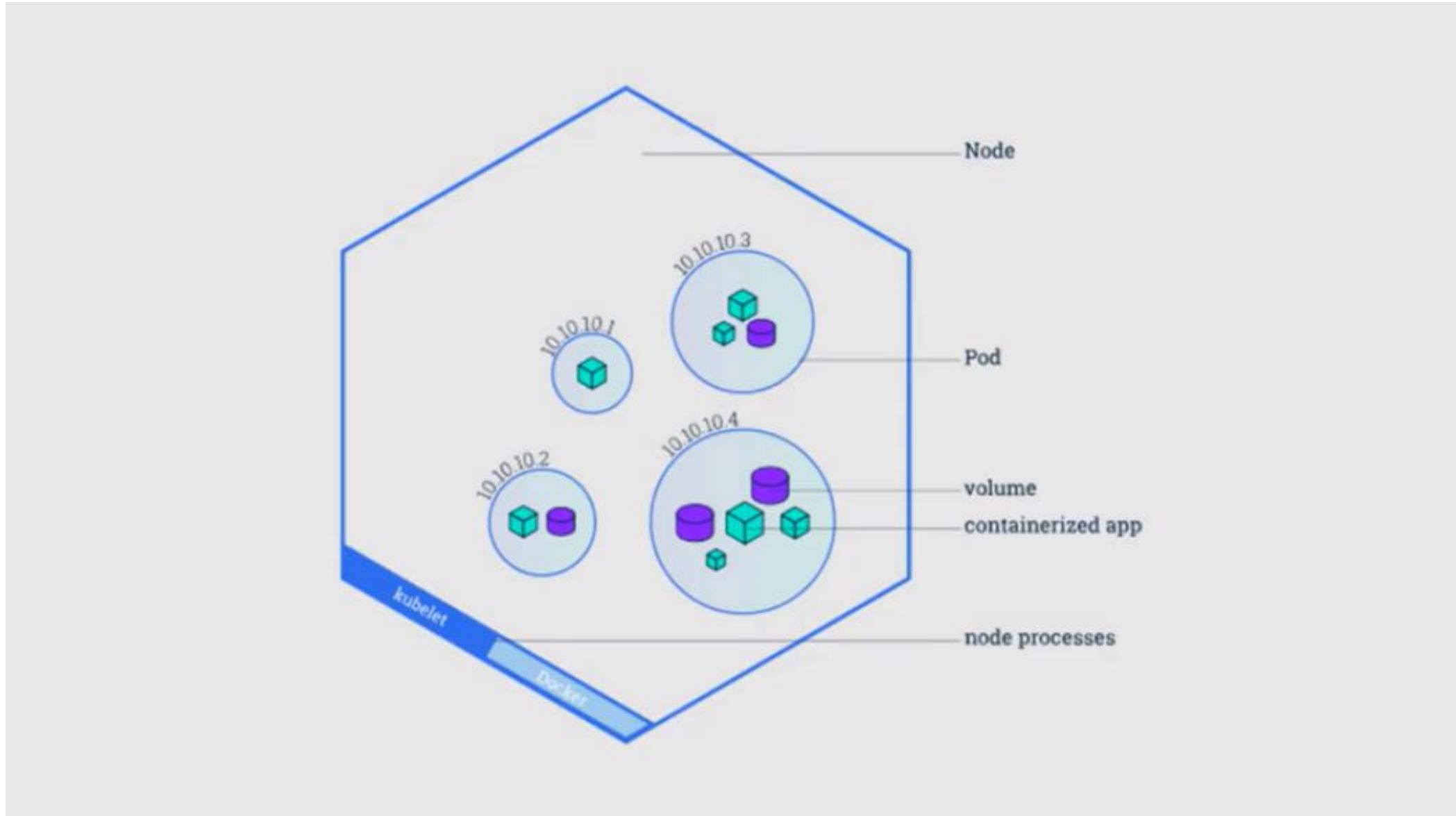
Service discovery



Coordinated app upgrades

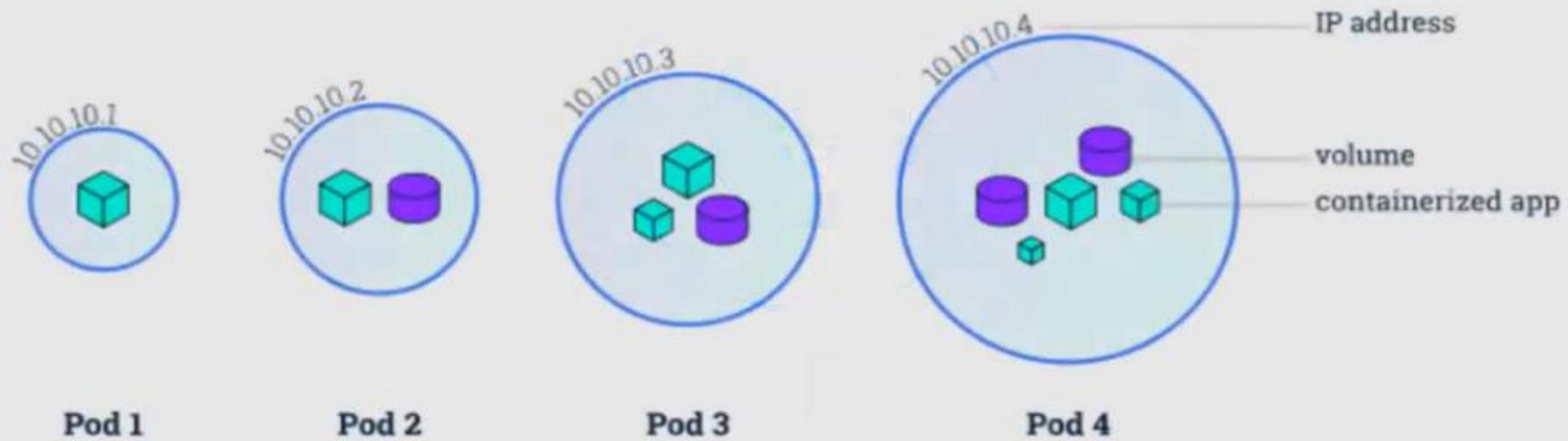


Node



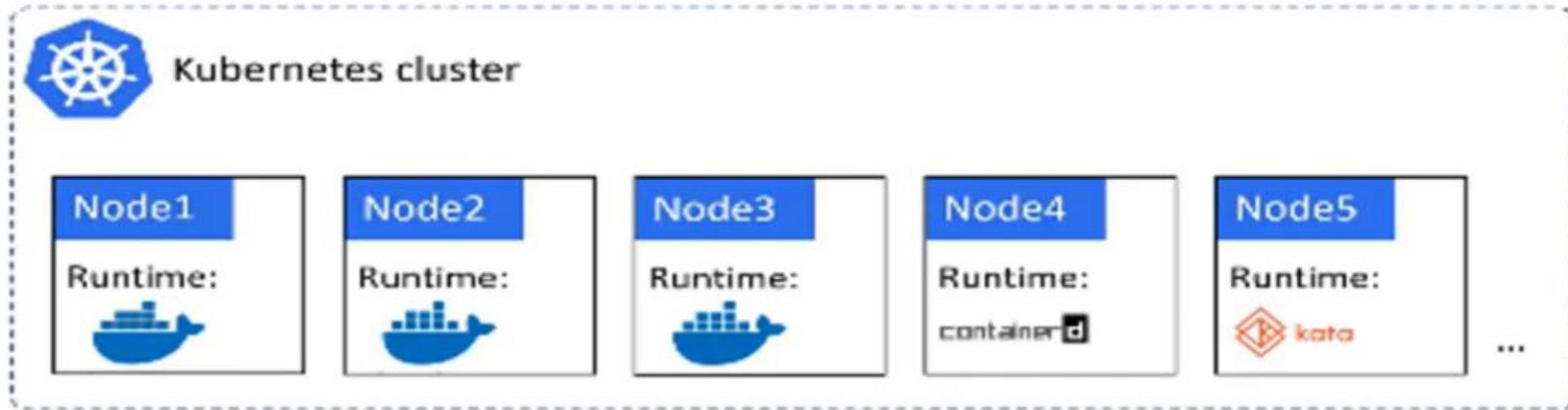


Pod





Kubernetes operates on a cluster of nodes





Azure Kubernetes Service (AKS)

Fully managed Kubernetes orchestration service

Auto patching, auto scaling, auto updates

Use the full Kubernetes ecosystem (100% upstream)

Deeply integrated with Azure Dev Tools and services



Azure Kubernetes
Service (AKS)



App Service



Azure Container
Instances (ACI)



Service Fabric



Azure Batch



Azure Container
Registry (ACR)

Azure Kubernetes Service (AKS)



Simplify the deployment, management, and operations of Kubernetes



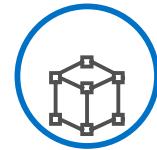
Deploy and
manage Kubernetes
with ease



Scale and run
applications with
confidence



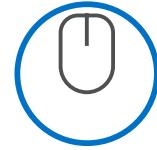
Secure your
Kubernetes
environment



Accelerate
containerized application
development



Work how you want
with open-source
tools & APIs



Set up
CI/CD in a
few clicks

Customer momentum



SIEMENS

Connect medical devices
to the cloud

Success

Speed of product
development significantly
increased

xerox

Faster demo
environment releases

Success

Demo environments
in **10** minutes instead
of **24** hours

THE NOBEL PRIZE

Modernize the digital
home of the Nobel Prize

Success

Greatly reduced management
overhead of infrastructure



MAERSK

Deliver an industry
leading customer service

Success

100% automated
deployment, potentially
saving **33%** on run cost

Alaska

Improve mobile service delivery
of online shopping cart

Success

10 seconds to deploy
API vs **20** minutes

Tryg

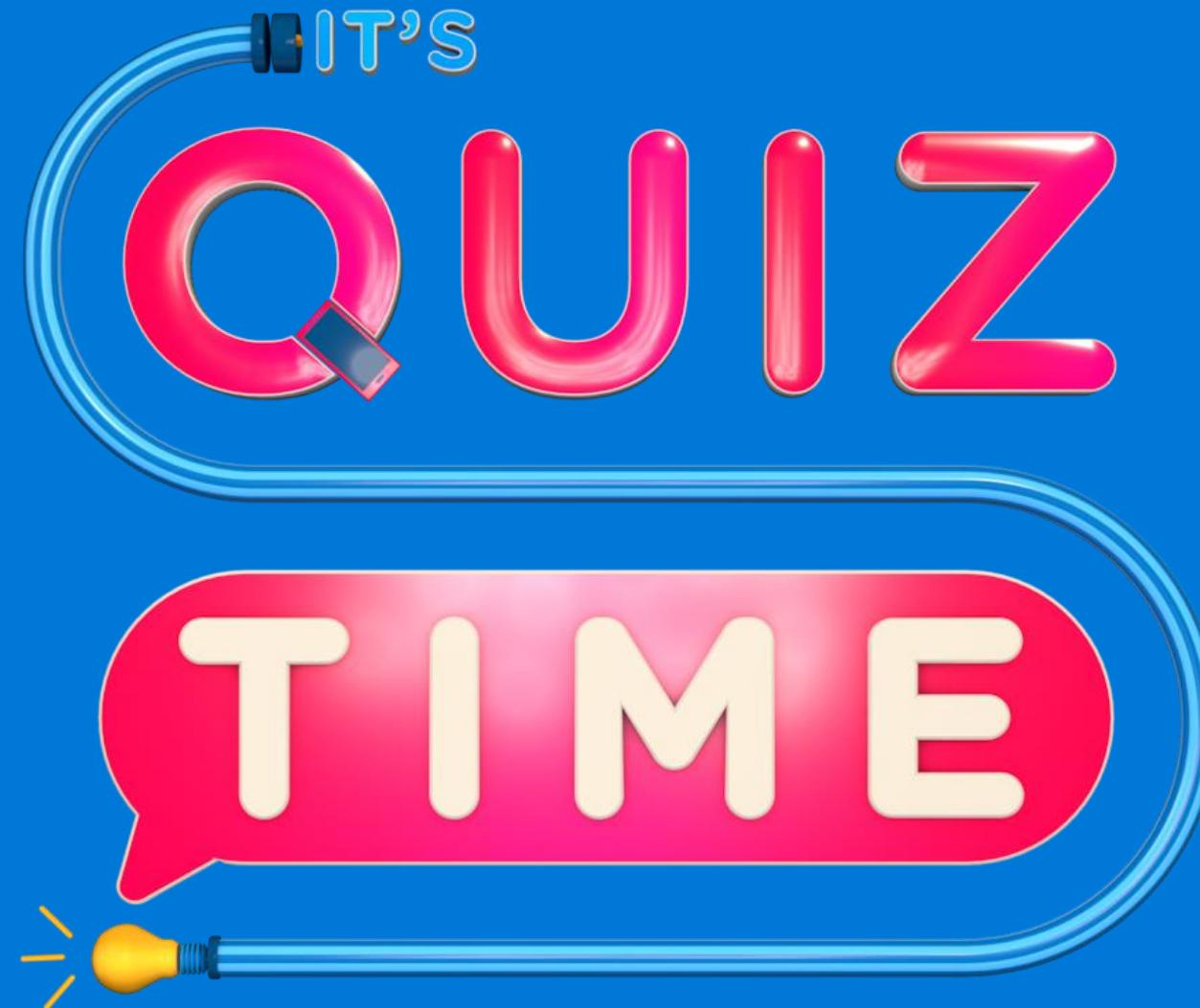
Consolidate data from disparate
systems to understand customers

Success

50% reduction in time
for data management
and analysis



Turn
Knowledge
into
ACTION



Are you ready? ☺

Contact Us



Registered Corporate Office:

Canarys Automations Private Limited
#566 & 567, 30th Main, Attimabbe Road,
Banagirinagara, Banashankari 3rd Stage, Bengaluru
560085, Karnataka, India.

USA

4365 US Highway
1 South Suite 105
Princeton, NJ 08540 USA



Website : www.ecanarys.com

Call us : +1 609-945-0771 (USA)

+91 802 679 9915 (India)

Email : sales@ecanarys.com



Thank You

ευχαριστώ Salamat Po متشرّم شكرًا Grazie

благодаря ありがとうございます Kiitos Teşekkürler 谢谢

ឃុំបញ្ជីណូរវិប Obrigado شكريه Terima Kasih Dziękuję

Hvala Köszönöm Tak Dank u wel дякую Tack

Mulțumesc спасибо Danke Cám ơn Gracias

多謝晒 Ďakujem הִתְהִזֵּן දෙන්ගි Děkuji 감사합니다

