



Cloud Hosted on Earth

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ΣΥΣΤΗΜΑΤΑ & ΥΠΗΡΕΣΙΕΣ ΠΛΗΡΟΦΟΡΙΚΗΣ

What is the cloud?

I like the definition offered by the National Institute of Standards and Technology (NIST)

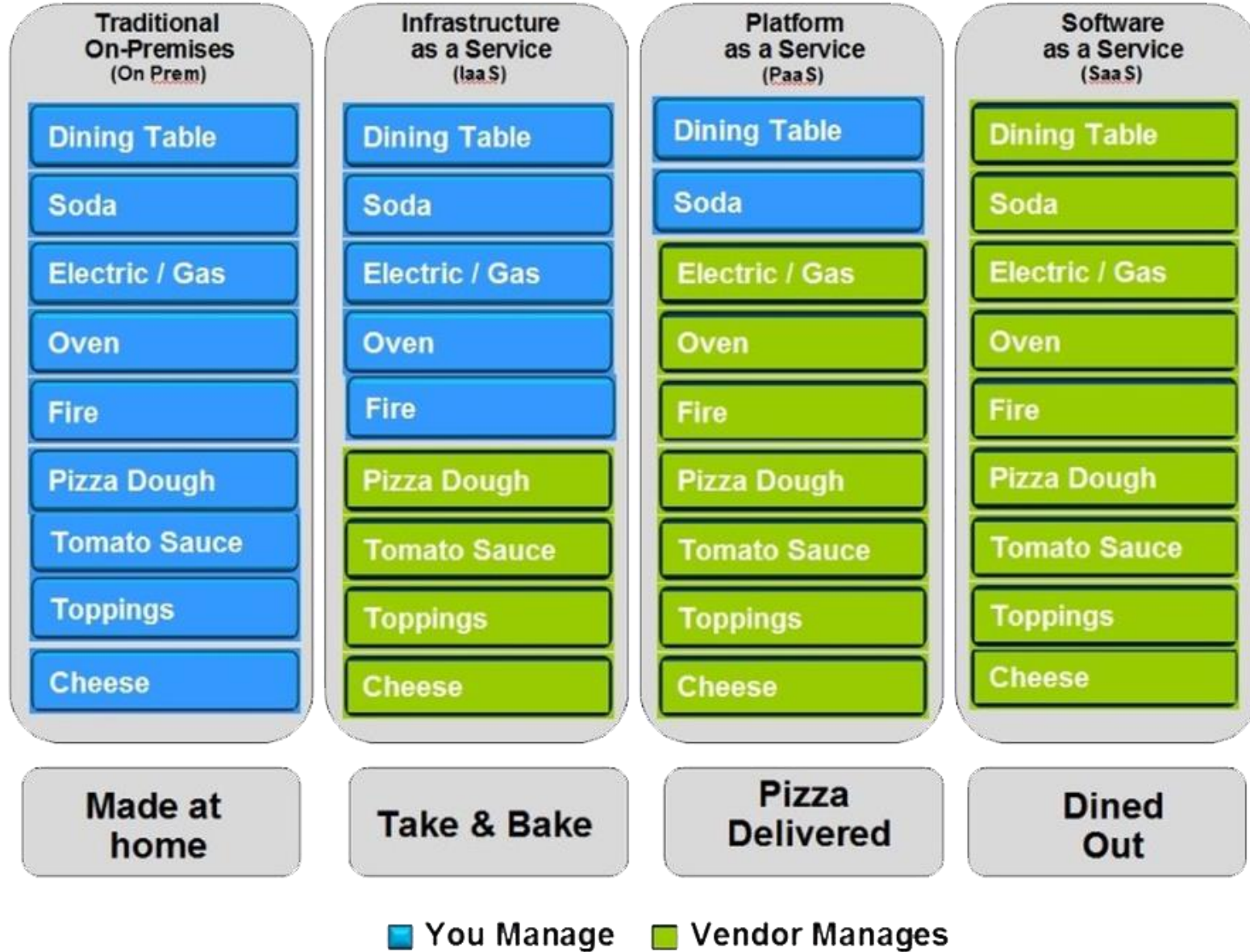
Cloud computing is a model for enabling convenient, **on-demand** network access to a **shared pool** of configurable computing resources (such as networks, servers, storage, applications, and services) that can be **rapidly provisioned** and released with **minimal management effort** or service provider interaction.

—National Institute of Standards and Technology



Select the starting point

Pizza as a Service



Microsoft Azure

Programming languages + tools

.NET, Visual Studio, TFS + Git, Java, NodeJS, PHP, Python, Ruby, C++

IaaS

Windows VMs
Linux VMs
Storage
Networking

PaaS

Web	Data
Mobile	Analytics
Gaming	Media
IoT	Identity

Microsoft cloud infrastructure

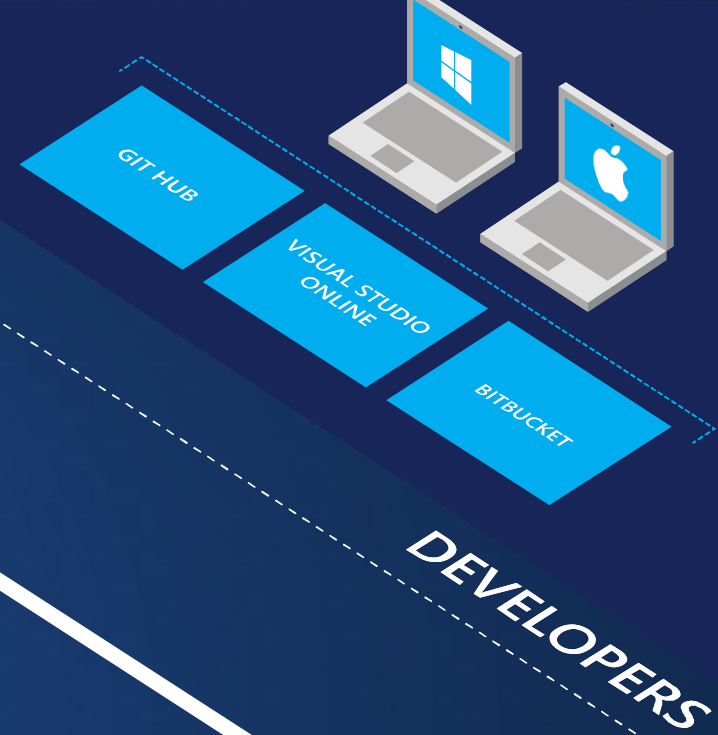
Web

Develop apps with...

.NET
Python

Node.js
Java

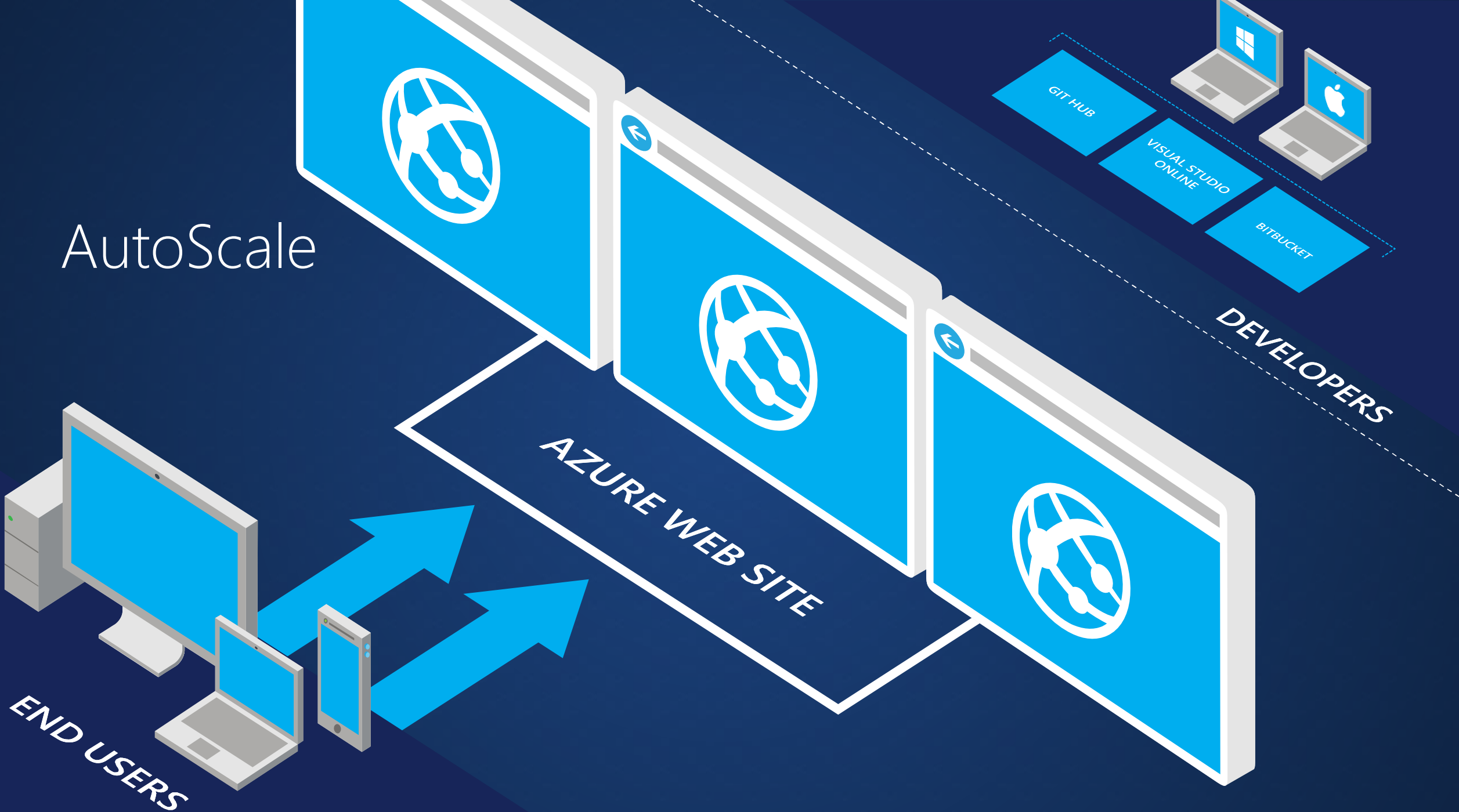
PHP



AutoScale



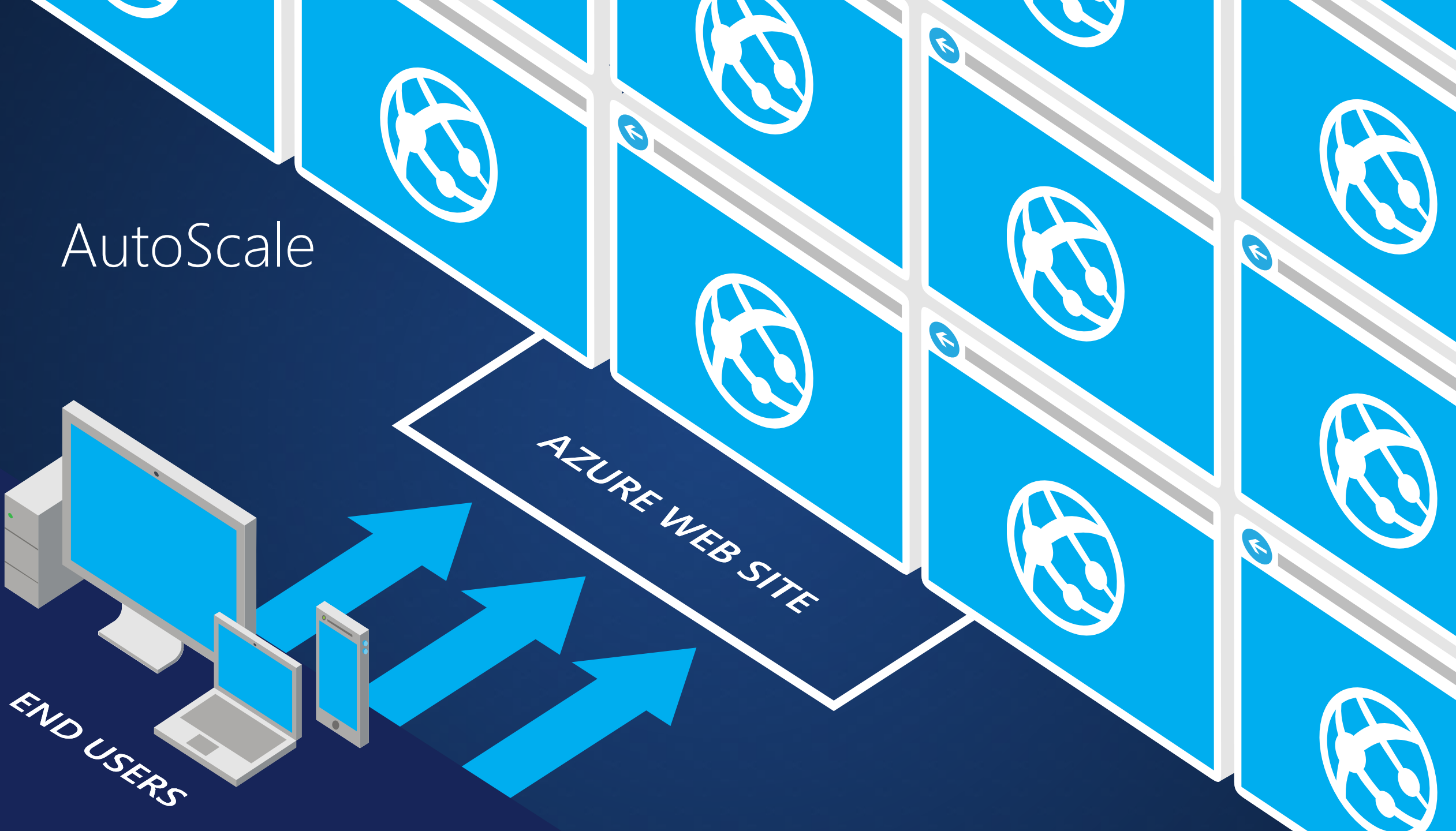
AutoScale



AutoScale

AZURE WEB SITE

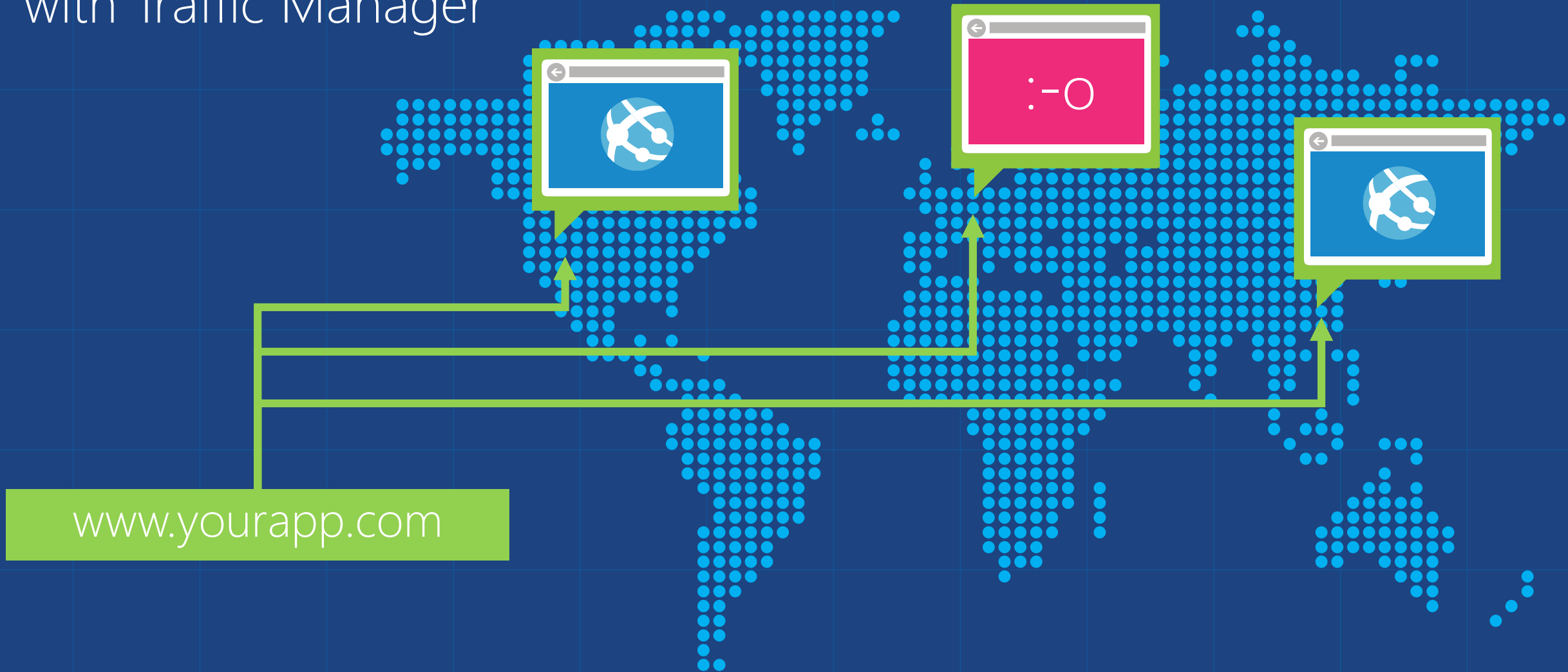
END USERS



Intelligent customer routing with Traffic Manager



Intelligent customer routing with Traffic Manager

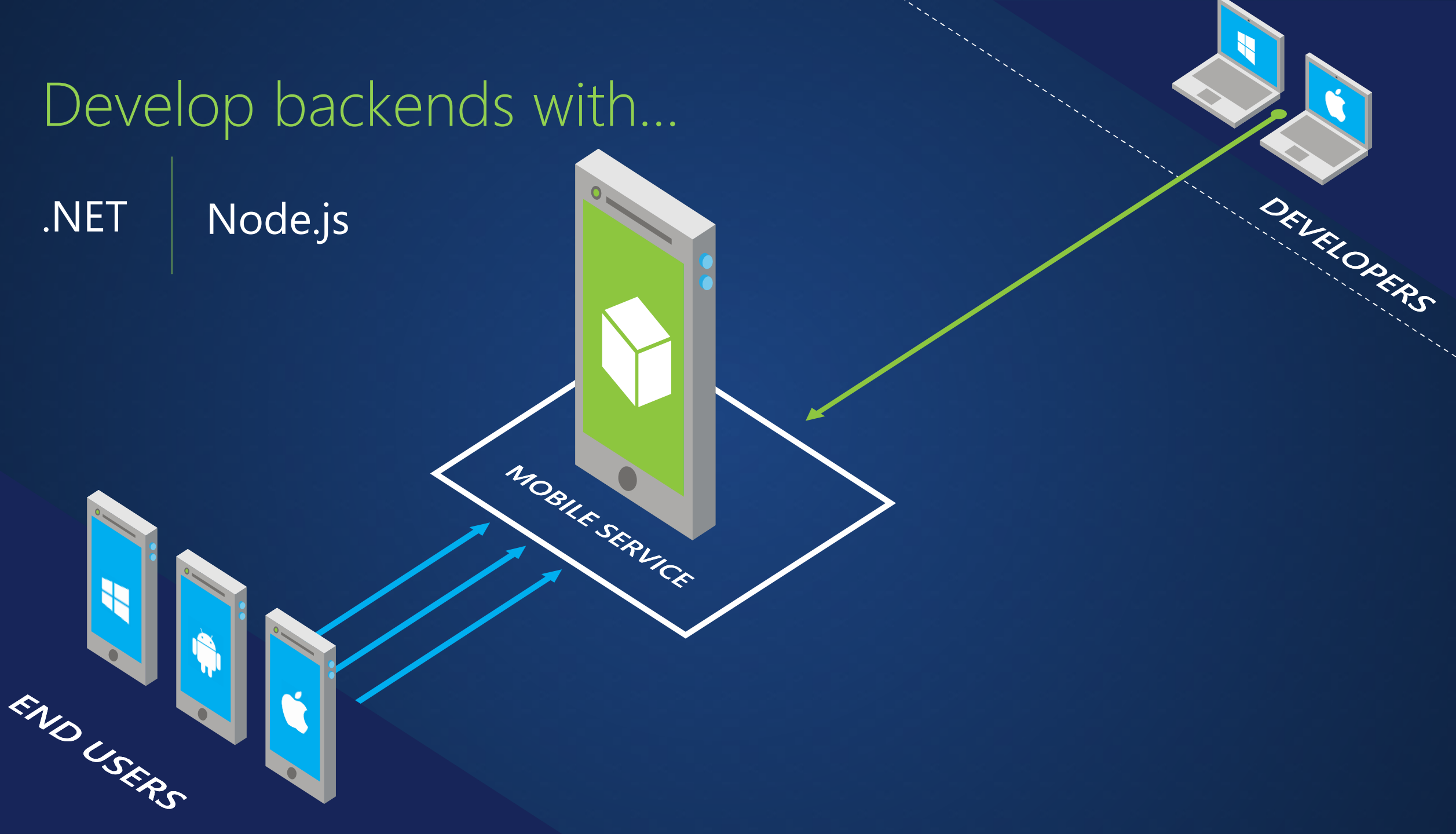


Mobile

Develop backends with...

.NET

Node.js



Flexible Data



Broadcast Notifications



Now supports Active Directory



WORDPRESS
LIVE IN 5'

Azure Dashboard

The screenshot displays the Microsoft Azure Dashboard in a web browser. The browser's address bar shows the URL `https://portal.azure.com/`. The dashboard's header includes the "Microsoft Azure" logo, a search bar labeled "Search resources", and a user profile section for "g.kalyva@innovative-i..." with the role "GKALYVAINNOVATIVEIDEAS (...)".

The left-hand navigation pane lists various Azure services: "All resources" (marked as "New (N)"), "Resource groups", "App Services", "SQL databases", "DocumentDB (NoSQL)", "Virtual machines", "Load balancers", "Storage accounts", "Virtual networks", "Security Center", "Billing", "Help + support", "Azure Active Directory", and "Monitor". A "More services >" link is at the bottom of this list.

The main content area is titled "Dashboard" and includes action buttons: "+ New dashboard", "Edit dashboard", "Share", "Fullscreen", "Clone", and "Delete". It is divided into four panels:

- All resources ALL SUBSCRIPTIONS:** Displays "No resources to display".
- Service health MY RESOURCES:** Features a world map with green checkmarks indicating service health across various regions.
- Marketplace:** Represented by a shopping bag icon.
- Help + support:** Represented by a headset icon.

Search Marketplace

The screenshot shows the Microsoft Azure Marketplace interface. The browser address bar displays the URL: https://portal.azure.com/#blade/Microsoft_Azure_Marketplace/GalleryFeaturedMenuitemBlade/selectedMenuItemId/home/searchQuery/Wordpress. The page title is "Microsoft Azure". The breadcrumb navigation shows "New > Marketplace > Everything". The search bar contains "Wordpress". The left sidebar lists various categories: Virtual Machines, Networking, Storage, Web + Mobile, Databases, Intelligence + analytics, Internet of Things, Enterprise Integration, Security + Identity, Developer tools, Monitoring + management, Add-ons, and Containers. The main content area shows the search results for "Wordpress".

Search results for "Wordpress":

NAME	PUBLISHER	CATEGORY
WordPress	WordPress	Web + Mobile
WordPress	Bitnami	Virtual Machines
wordpress + mysql	Docker	Virtual Machines
WordPress Japanese Package	WordPress 日本語チーム	Web + Mobile
Hardened Wordpress- Professional LIC	Cognosys Inc.	Virtual Machines
WordPress Multi-Tier	Bitnami	Virtual Machines
Hardened Wordpress- Enterprise LIC	Cognosys Inc.	Virtual Machines
Hardened Wordpress on CentOS	Cognosys Inc.	Virtual Machines
Hardened Wordpress on Ubuntu 14.04 LTS	Cognosys Inc.	Virtual Machines

Related to your search:

- mysql Docker
- memcached Docker

Search Marketplace

g.kalyva@innovative-i...
GKALYVAINNOVATIVEIDEAS (...)

Everything

Filter

Results

NAME	PUBLISHER	CATEGORY
WordPress	WordPress	Web + Mobile
WordPress	Bitnami	Virtual Machines
wordpress + mysql	Docker	Virtual Machines

Fill in Details

The screenshot shows the Microsoft Azure portal interface for creating a new WordPress application. The browser address bar displays the URL `https://portal.azure.com/#create/WordPress.WordPress`. The page title is "WordPress". The left sidebar contains a navigation menu with various service icons. The main content area is titled "WordPress" and contains the following configuration details:

- * App name:** CreativeldeasBlog ✓
- * Subscription:** Visual Studio Enterprise
- * Resource Group:** DemoResourceGroup ✓
- * Database Provider:** MySQL In App (Preview)
- * App Service plan/Location:** ServicePlan7127c198-ac6f(South ...)
- App Insights:** On

Below the configuration details, there is a note about MySQL In App (Preview) and a "Pin to dashboard" checkbox. At the bottom, there is a "Create" button and a link to "Automation options".

Fill in Details

The screenshot shows the Azure portal interface for creating a new WordPress application. The main window displays the 'WordPress' creation wizard with the following fields:

- * App name:** CreativeldeasBlog (with a green checkmark)
- * Subscription:** Visual Studio Enterprise (dropdown)
- * Resource Group:** DemoResourceGroup (with a green checkmark)
- * Database Provider:** MySQL In App (Preview) (dropdown)
- * App Service plan/Location:** ServicePlan7127c198-ac6f(South ...)

Below these fields, there is an 'App Insights' toggle set to 'Off'.

A callout window on the right provides a detailed view of the 'App name' and 'App Service plan/Location' fields:

- * App name:** CreativeldeasBlog (with a green checkmark) and .azurewebsites.net
- * Subscription:** Visual Studio Enterprise (dropdown)
- * Resource Group:** DemoResourceGroup (with a green checkmark)
- * Database Provider:** MySQL In App (Preview) (dropdown)
- * App Service plan/Location:** ServicePlan7127c198-ac6f(South ...)

At the bottom of the callout window, there is an 'App Insights' toggle set to 'Off'.

App Service Plans

Choose your pricing tier

https://portal.azure.com/#create/WordPress.WordPress

Microsoft Azure

App Service plan > New App Service Plan > Choose your pricing tier

Search resources

g.kalyva@innovative-i...
GKALYVAINNOVATIVEIDEAS (...)

App Service plan
Select a plan for the web app

An App Service plan is the container for your app. The App Service plan settings will determine the location, features, cost and compute resources associated with your app.

Create New

ServicePlan7127c198-ac6f(S1) (New)
South Central US

New Plan

New App Service Plan
Create a plan for the web app

* App Service plan
Enter a name for your App Service Plan

* Location
South Central US

* Pricing tier
S1 Standard

OK

















Choose your pricing tier
Browse the available plans and their features
App Service Environments are available in the Premium tier. They offer even greater scale options, private access, and more. [Learn more](#)

★ Recommended | [View all](#)

S1 Standard	B1 Basic	P2 Premium
1 Core	1 Core	2 Core
1.75 GB RAM	1.75 GB RAM	3.5 GB RAM
50 GB Storage	10 GB Storage	BizTalk Services
Custom domains / SSL SNI Incl & IP SSL Support	Custom domains	250 GB Storage
Up to 10 instances Auto scale	SSL Support SNI SSL Included	Up to 20 instances * Subject to availability
Daily Backup	Up to 3 instances Manual scale	20 slots Web app staging
5 slots Web app staging		50 times daily Backup
Traffic Manager Geo availability		Traffic Manager Geo availability
37.64 EUR/MONTH (ESTIMATED)	27.61 EUR/MONTH (ESTIMATED)	376.45 EUR/MONTH (ESTIMATED)

Select

App Service Plans

S1 Standard ★		B1 Basic ★		P2 Premium ★	
1	Core	1	Core	2	Core
1.75	GB RAM	1.75	GB RAM	3.5	GB RAM
	50 GB Storage		10 GB Storage		BizTalk Services
	Custom domains / SSL SNI Incl & IP SSL Support		Custom domains		250 GB Storage
	Up to 10 instances Auto scale		SSL Support SNI SSL Included		Up to 20 instances * Subject to availability
	Daily Backup		Up to 3 instances Manual scale		20 slots Web app staging
	5 slots Web app staging				50 times daily Backup
	Traffic Manager Geo availability				Traffic Manager Geo availability
37.64		27.61		376.45	
EUR/MONTH (ESTIMATED)		EUR/MONTH (ESTIMATED)		EUR/MONTH (ESTIMATED)	

Deployment

The screenshot displays the Microsoft Azure portal dashboard. The top navigation bar includes the Microsoft Azure logo, a search bar labeled "Search resources", and a user profile for "g.kalyva@innovative-i...". The left sidebar lists various Azure services: All resources, Resource groups, App Services, SQL databases, DocumentDB (NoSQL), Virtual machines, Load balancers, Storage accounts, Virtual networks, Security Center, Billing, Help + support, Azure Active Directory, and Monitor. The main dashboard area features a "Dashboard" header with options to create a new dashboard, edit the current one, share, fullscreen, clone, or delete it. Below this, there are several tiles: "All resources" (showing "No resources to display"), "Service health" (displaying a world map with green checkmarks indicating healthy services), "Deploying WordPress" (a blue tile with a white square icon), "Marketplace" (a blue shopping bag icon), and "Help + support" (a blue headset icon).

Deployment

Microsoft Azure CreativeIdeasBlog

Search resources

g.kalyva@innovative-i... GKALYVAINNOVATIVEIDEAS (...)

CreativeIdeasBlog
App Service

Browse Stop Swap Restart Delete More

Search (Ctrl+/,)

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

APP DEPLOYMENT

Quickstart

Deployment credentials

Deployment slots

Deployment options

SETTINGS

Application settings

Authentication / Authorization

Backups

Custom domains

Essentials

Resource group: [DemoResourceGroup](#)

Status: Running

Location: South Central US

Subscription name: [Visual Studio Enterprise](#)

Subscription ID: cae766ee-e630-4735-b318-5db2a737a46a

URL: <http://creativeideasblog.azurewebsites.net>

App Service plan/pricing tier: [ServicePlan7127c198-ac6f \(Standard: 1 Sm...](#)

External Repository Project: <https://github.com/azureappserviceoss/wo...>

Monitoring

Requests and errors






Edit

No available data.

8:45 PM 9 PM 9:15 PM 9:30 PM

HTTP SERVER ERRORS REQUESTS

Deployment Info

 Browse  Stop  Swap  Restart  Delete ... More

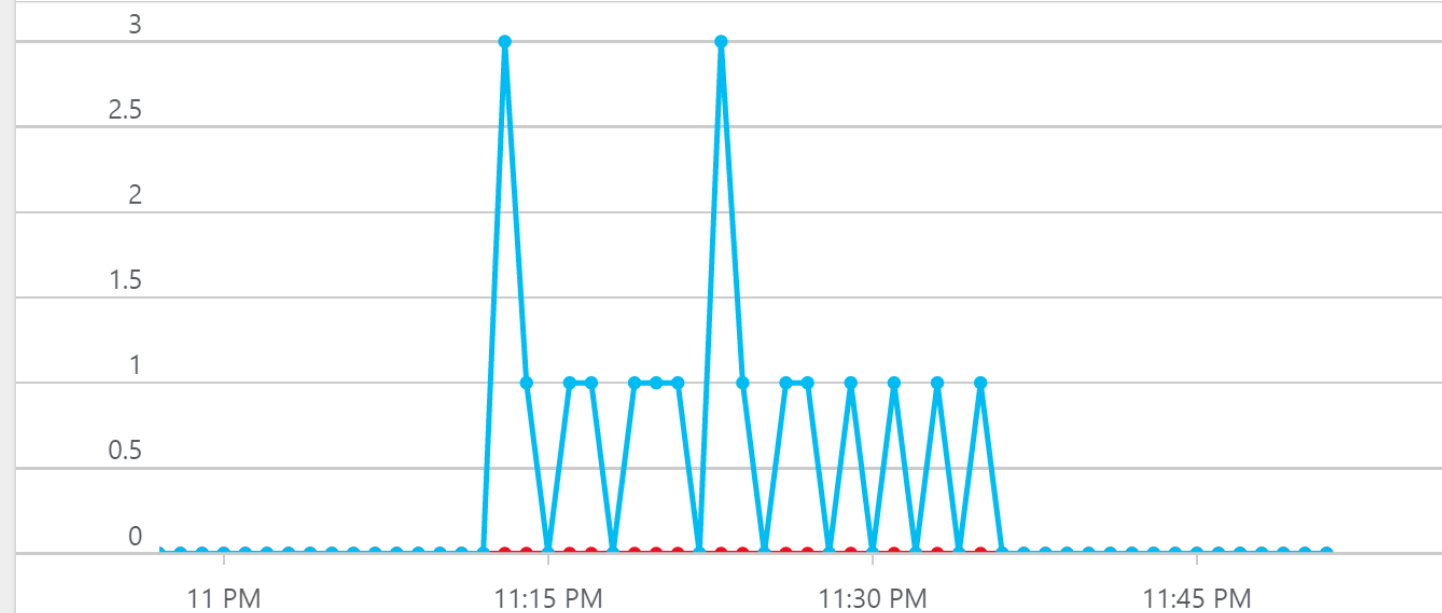
Essentials ^

Resource group	URL
DemoResourceGroup	http://creativeideasblog.azurewebsites.net
Status	App Service plan/pricing tier
Running	ServicePlan7127c198-ac6f (Standard: 1 Sm...
Location	External Repository Project
South Central US	https://github.com/azureappserviceoss/wo...
Subscription name	
Visual Studio Enterprise	
Subscription ID	
cae766ee-e630-4735-b318-5db2a737a46a	

Details

Monitoring

Requests and errors

[Edit](#)

HTTP SERVER ERRORS
0

REQUESTS
19

Available Settings

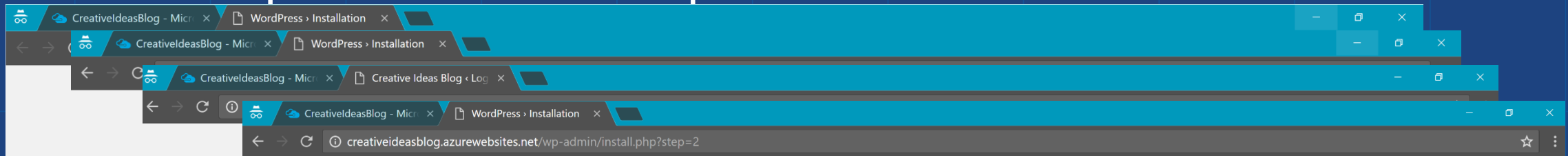
- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- APP DEPLOYMENT
 - Quickstart
 - Deployment credentials
 - Deployment slots
 - Deployment options
- SETTINGS
 - Application settings
 - Authentication / Authorization
 - Backups
 - Custom domains

- DEVELOPMENT TOOLS
 - Clone app
 - Console
 - Advanced Tools
 - App Service Editor (Preview)
 - Performance test
 - Resource explorer
 - PHP Debugging
 - Testing in production
 - Extensions
- MOBILE
 - Easy tables
 - Easy APIs
 - Data connections
 - Push

- SSL certificates
- Networking
- Scale up (App Service plan)
- Scale out (App Service plan)
- Security Scanning
- WebJobs
- App Service Push
- MySQL In App (preview)
- Properties
- Locks
- Automation script
- APP SERVICE PLAN
 - App Service plan
 - Quotas
 - Change App Service plan

- API
 - API definition
 - CORS
- MONITORING
 - Application Insights
 - Alerts
 - Diagnostics logs
 - Log stream
 - Process explorer
 - Metrics per instance (Apps)
 - Metrics per Instance (App Ser...
 - Live HTTP traffic
 - Application events
 - FREB logs
- SUPPORT + TROUBLESHOOTING

Wordpress Setup



Success!

WordPress has been installed. Thank you, and enjoy!

Username wpadmin

Password *Your chosen password.*

Log In

Setup and Deployment Complete

The screenshot displays the WordPress dashboard for a site named 'Creative Ideas Blog'. The browser's address bar shows the URL 'creativeideasblog.azurewebsites.net/wp-admin/'. The dashboard interface includes a left-hand sidebar with navigation links: Dashboard, Home, Updates, Posts, Media, Pages, Comments, Appearance, Plugins, Users, Tools, Settings, and a Collapse menu button. The main content area features a 'Welcome to WordPress!' message with a 'Dismiss' link. Below this, there are three sections: 'Get Started' with a 'Customize Your Site' button and a link to 'change your theme completely'; 'Next Steps' with links to 'Write your first blog post', 'Add an About page', and 'View your site'; and 'More Actions' with links to 'Manage widgets or menus', 'Turn comments on or off', and 'Learn more about getting started'. The dashboard also includes several widgets: 'At a Glance' showing 1 Post, 1 Page, and 1 Comment; 'Activity' showing 'Recently Published' (Hello world! at 6:45 pm) and 'Recent Comments' (from A WordPress Commenter); 'Quick Draft' with a 'Save Draft' button; and 'WordPress News' featuring an article about the Global WordPress Translation Day.

creativeideasblog.azurewebsites.net/wp-admin/

Howdy, wpadmin

Screen Options Help

Dashboard

Welcome to WordPress!
We've assembled some links to get you started:

Dismiss

Get Started

[Customize Your Site](#)

or, [change your theme completely](#)

Next Steps

- [Write your first blog post](#)
- [Add an About page](#)
- [View your site](#)

More Actions

- [Manage widgets or menus](#)
- [Turn comments on or off](#)
- [Learn more about getting started](#)

At a Glance

- 1 Post
- 1 Page
- 1 Comment


WordPress 4.6.1 running [Twenty Sixteen](#) theme.

Activity

Recently Published

Today, 6:45 pm [Hello world!](#)

Recent Comments

 From [A WordPress Commenter](#) on [Hello world!](#)
Hi, this is a comment. To get started with moderating, editing, and deleting comments, please visit the [Comments screen](#)...

Quick Draft

Title

What's on your mind?

[Save Draft](#)

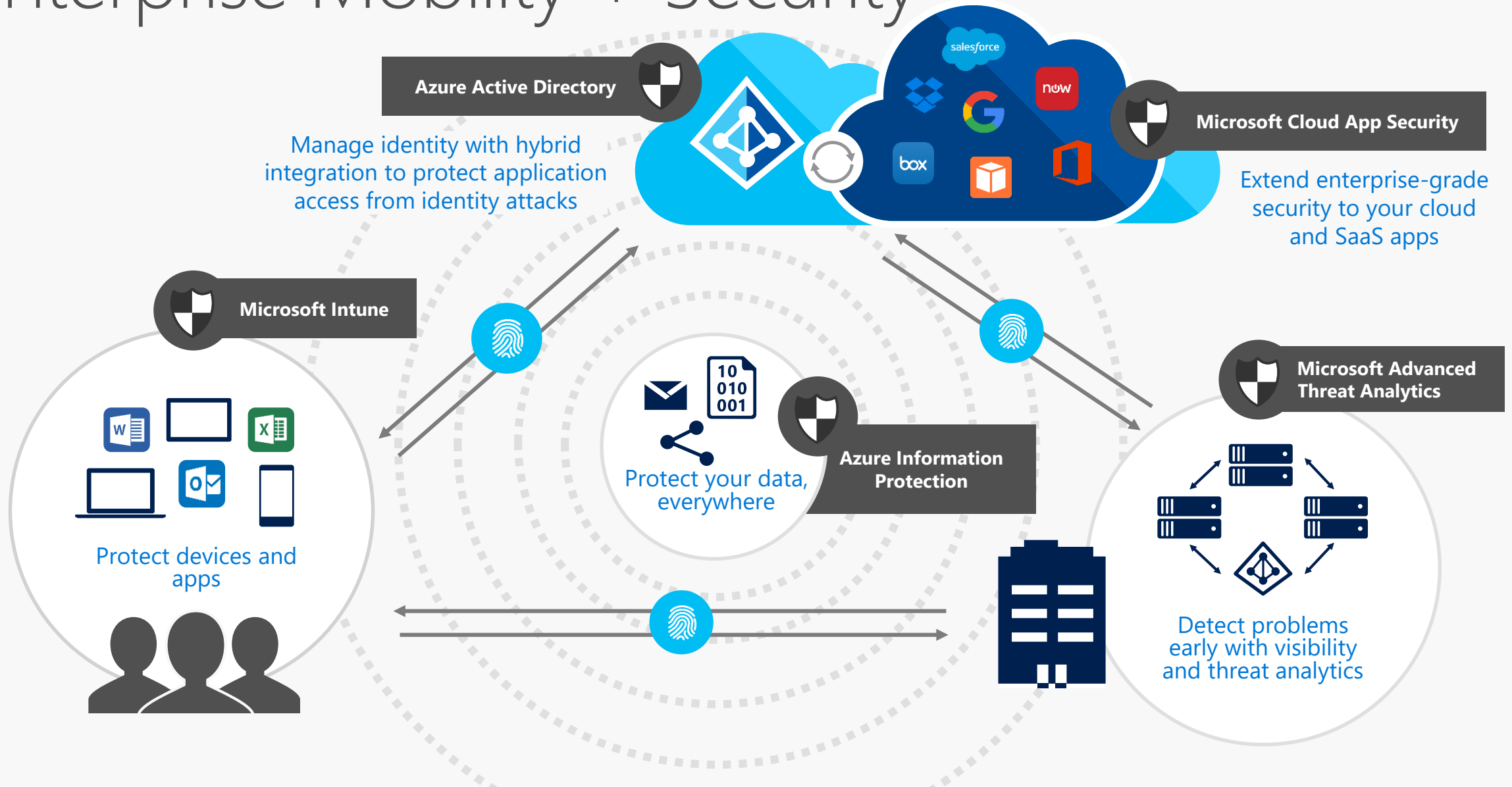
WordPress News

[Join Us Again for Global WordPress Translation Day](#) October 14, 2016

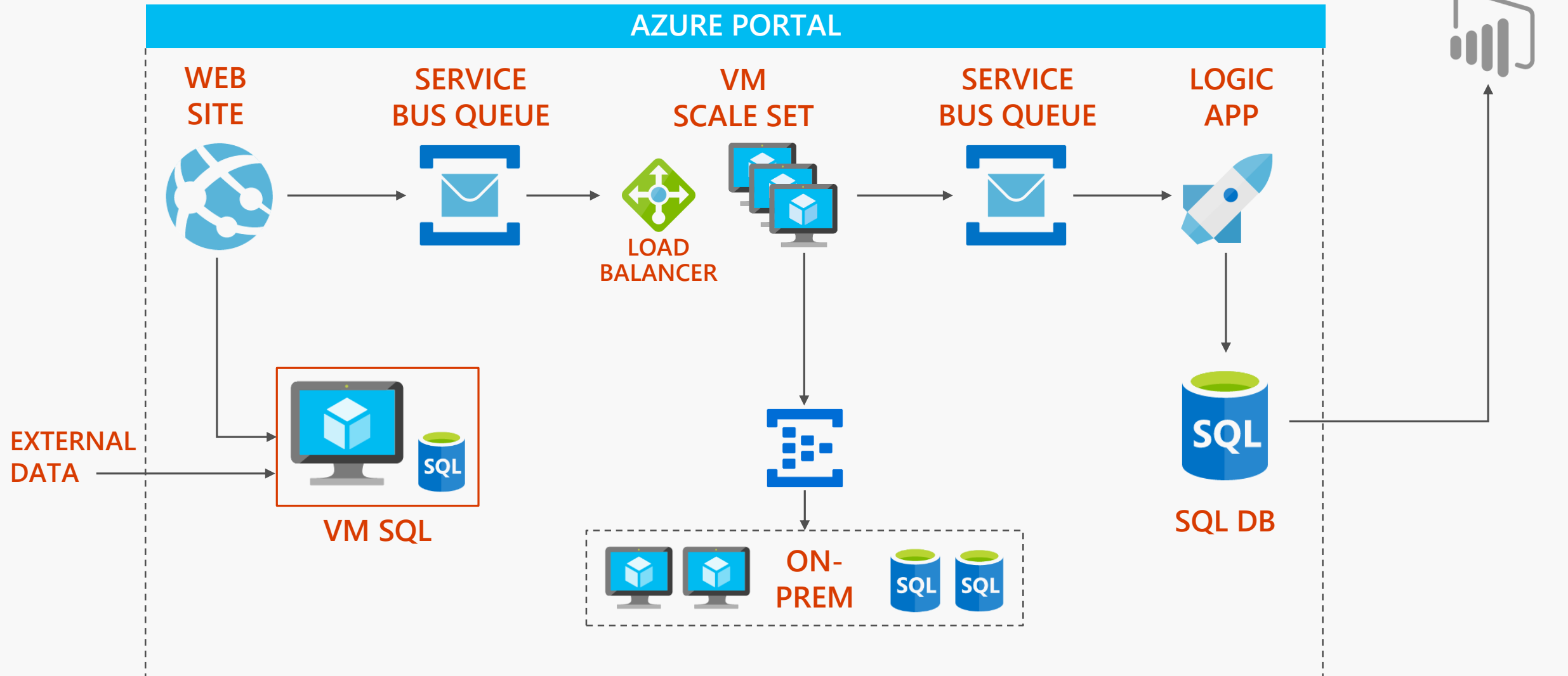
The WordPress Polyglots team is organizing the second Global WordPress Translation Day on November 12th. Everyone is invited to...

Drag boxes here


Enterprise Mobility + Security




Need to monitor everything in one place




Overview



Log Search



My Dashboard



Solutions Gallery

2.7GB

Servers and Usage

AD Assessment

4

Servers Assessed

3

High Priority Recommendations

6

Low Priority Recommendations

72

Passed Checks

Alert Management

0

Active critical alerts in the last 24 hours

4

Active warning alerts in the last 24 hours



1pm 5pm 9pm 1am 5am 9am



Malware Assessment

35%


NEEDS ATTENTION

1

Servers with Active Threats

38

Servers with Inadequate Protection



Automation

ITAutomation

9

Runbooks

15

Jobs in the last 7 days



Capacity Planning

23.6 %


Available Cores

62.3 %

Available Memory

42.5 %

Available Storage



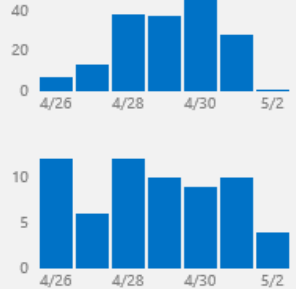
Change Tracking

20


Software changes in the last 24 hours

6

Windows service changes in the last 24 hours (excludes Status)



4/26 4/28 4/30 5/2



Backup


ITRodBackup

13

Servers backed up

3TB

Backup data



Security and Audit

95

Active Computers in the last 24 hours

64

Accounts Authenticated in the last 24 hours





THANK YOU 😊

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Office Line A.E.

ΣΥΣΤΗΜΑΤΑ & ΥΠΗΡΕΣΙΕΣ ΠΛΗΡΟΦΟΡΙΚΗΣ