

Microsoft Web Camps 2015

박용준

Microsoft MVP(ASP.NET/IIS)

데브렉(<http://www.devlec.com/>)

비주얼아카데미(<http://www.visualacademy.com/>)

박용준(RedPlus)

Microsoft MVP

ASP.NET/IIS(9년차 MVP)

<http://www.dotnetkorea.com/>

1998년부터 Microsoft 기반 기술로 웹 개발

MCT(Microsoft Certified Trainer) / Conference Speaker

쉽게 배우는 ASP.NET 등 집필

Pro ASP.NET MVC 5 등 번역 참여

4000개의 AVI(WMV) 동영상 강좌 파일 보유(?)

데브렉 전임 강사(<http://www.devlec.com>)

살며(Living)
사랑하며(Loving)
배우며(Learning)
코딩하기(Coding)

박용준

데브렉(devlec.com),
전임강사,
Microsoft MVP



Microsoft

Today's Agenda

시간	강의 내용	실습
09:00 ~ 09:30	등록	
09:30 ~ 10:20	ASP.NET과 Visual Studio 2013을 활용한 최신 웹 개발 기법과 트렌드 소개	실습 1
10:30 ~ 11:20	최신 ASP.NET 기술로 웹 응용프로그램 만들기(One ASP.NET)	실습 2
11:30 ~ 12:20	jQuery, AngularJS, Bootstrap 등을 활용한 모던 웹 클라이언트 개발	실습 3
12:20 ~ 13:30	점심식사	
13:30 ~ 14:20	REST와 Ajax를 위한 ASP.NET Web API	실습 4
14:30 ~ 15:20	ASP.NET SignalR을 이용한 실시간 양방향 커뮤니케이션 구현	실습 5
15:30 ~ 16:20	Microsoft Azure Website에 웹 프로젝트 배포 및 관리	실습 6
16:30 ~ 17:20	미니 프로젝트 - Build, Deploy, Scale	실습 7
17:20 ~ 17:30	WebCamp 마무리 그리고 새로운 시작	

The foundation: tools & frameworks

Visual Studio

NuGet

ASP.NET

Azure

Visual Studio 2013: *The* editor for serious web dev

HTML5 / CSS3 standards and smarts

JavaScript language features

Page Inspector + Browser Link

One code editor for client and server

Web Essentials extension

Bootstrap CodeSnippet Pack

SideWaffle



NuGet: The smart, easy way to manage dependencies

Find the latest release

Install and configure in your project

Handle dependencies and versions

Updates with dependency checking

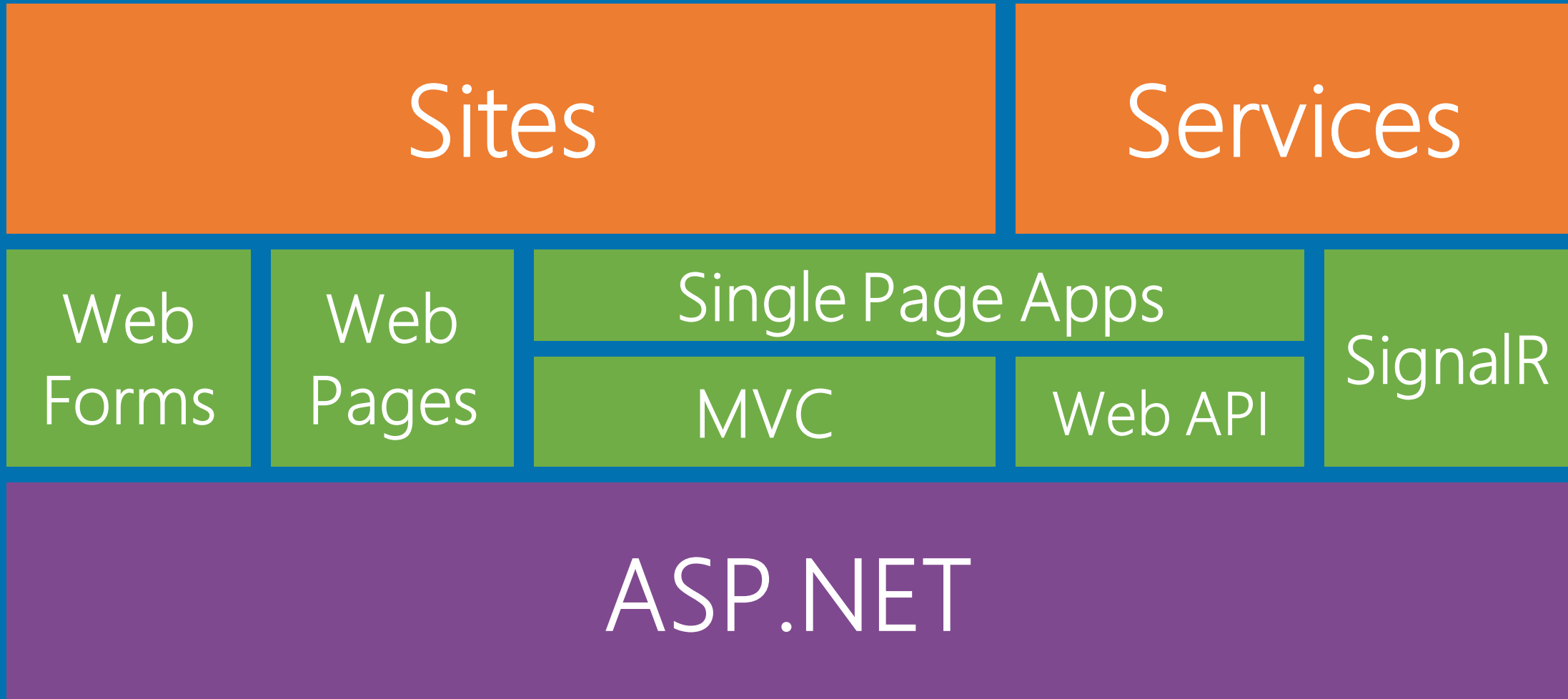
Common list of installed packages

Simplified uninstalls

Streamlined deployment with Package Restore



One ASP.NET: A Framework for us all



Deploying ASP.NET Apps to the Cloud

Windows Azure Web Sites (10 free!)

Fast site creation and deployment

Nothing new to learn

Easy to scale



Windows Azure
signup

demo...

<http://aka.ms/webcamps-azure>



Windows Azure Spending Limit

Use Windows Azure with peace of mind

To protect you from accidentally incurring charges for usage beyond the included offer amount, we have introduced the Spending Limit feature. All new customers that sign up for the 90-day trial offer or one of our member offers (e.g., MSDN offer) will now, by default, have a Spending Limit of \$0.

When your usage exhausts the monthly amounts included in your offer, we will disable your service for the remainder of that billing month, which includes removing any hosted services that you may have deployed. The data in your storage accounts and databases will be accessible in a read-only manner. At the beginning of the next billing month, your subscription will be re-enabled and you can re-deploy your hosted service(s) and have full access to your storage accounts and databases.

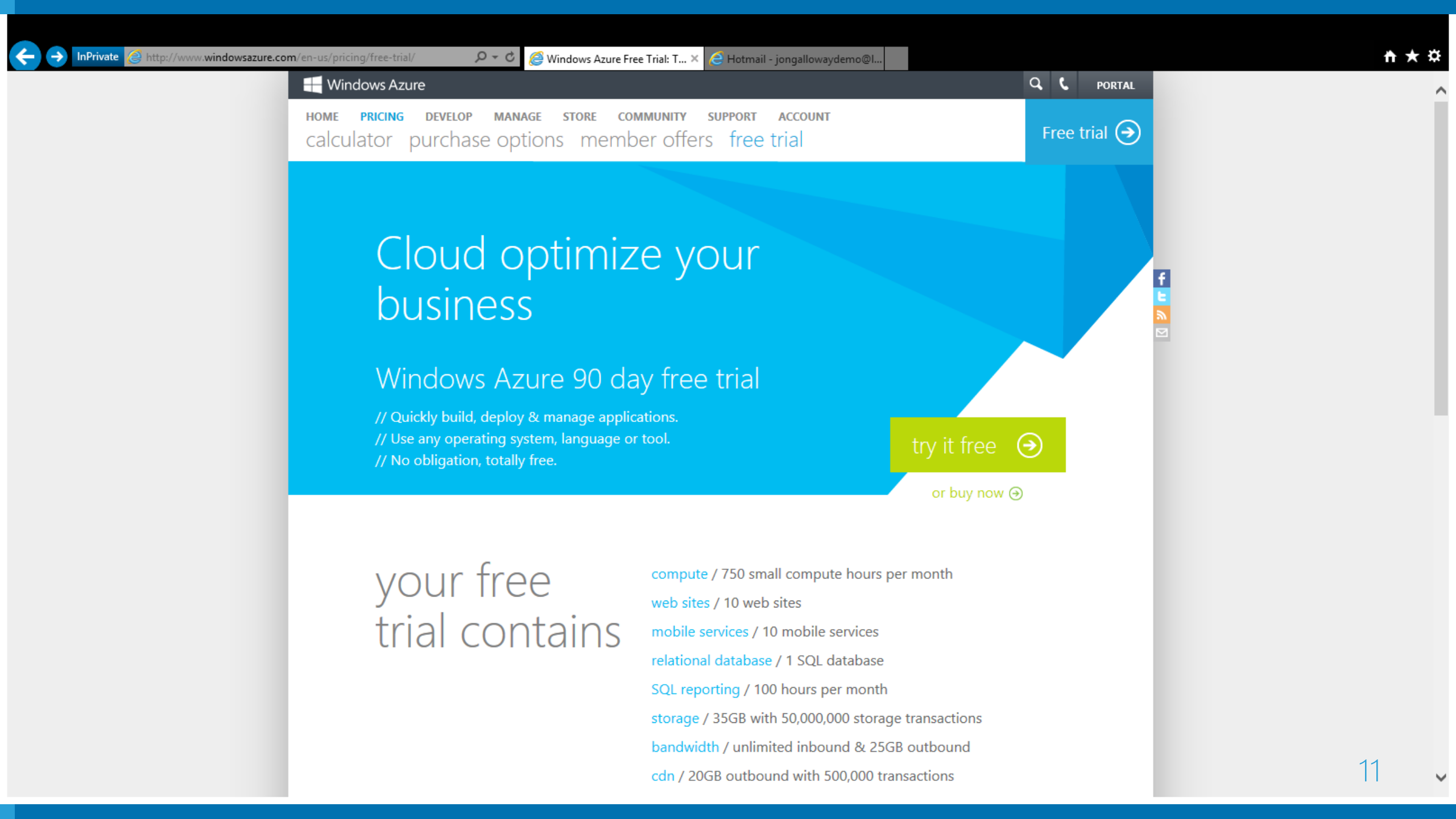
You will receive notifications once you hit the spending limit for your offer. When you log in to the Windows Azure website and click Accounts, you can click Subscriptions and you will see notifications about subscriptions that have reached the Spending Limit.

You can remove the Spending Limit at any time. However, once removed, the Spending Limit feature cannot be re-enabled. You should remove this Spending Limit on any subscription that has applications that you cannot afford to go offline.

The following is how you can remove your Spending Limit:

1. Log in to the [Windows Azure Account Center](#)
2. Click Accounts
3. Click Subscriptions
4. Select a subscription e.g. Subscription 1

If the subscription has been disabled due to the Spending Limit being reached, click this notification: "Subscription reached the Spending Limit and has been disabled to prevent charges." Otherwise, click "Remove spending limit" in the Tasks area.



Cloud optimize your business

Windows Azure 90 day free trial

// Quickly build, deploy & manage applications.
// Use any operating system, language or tool.
// No obligation, totally free.

try it free 

[or buy now](#) 

your free trial contains

[compute](#) / 750 small compute hours per month

[web sites](#) / 10 web sites

[mobile services](#) / 10 mobile services

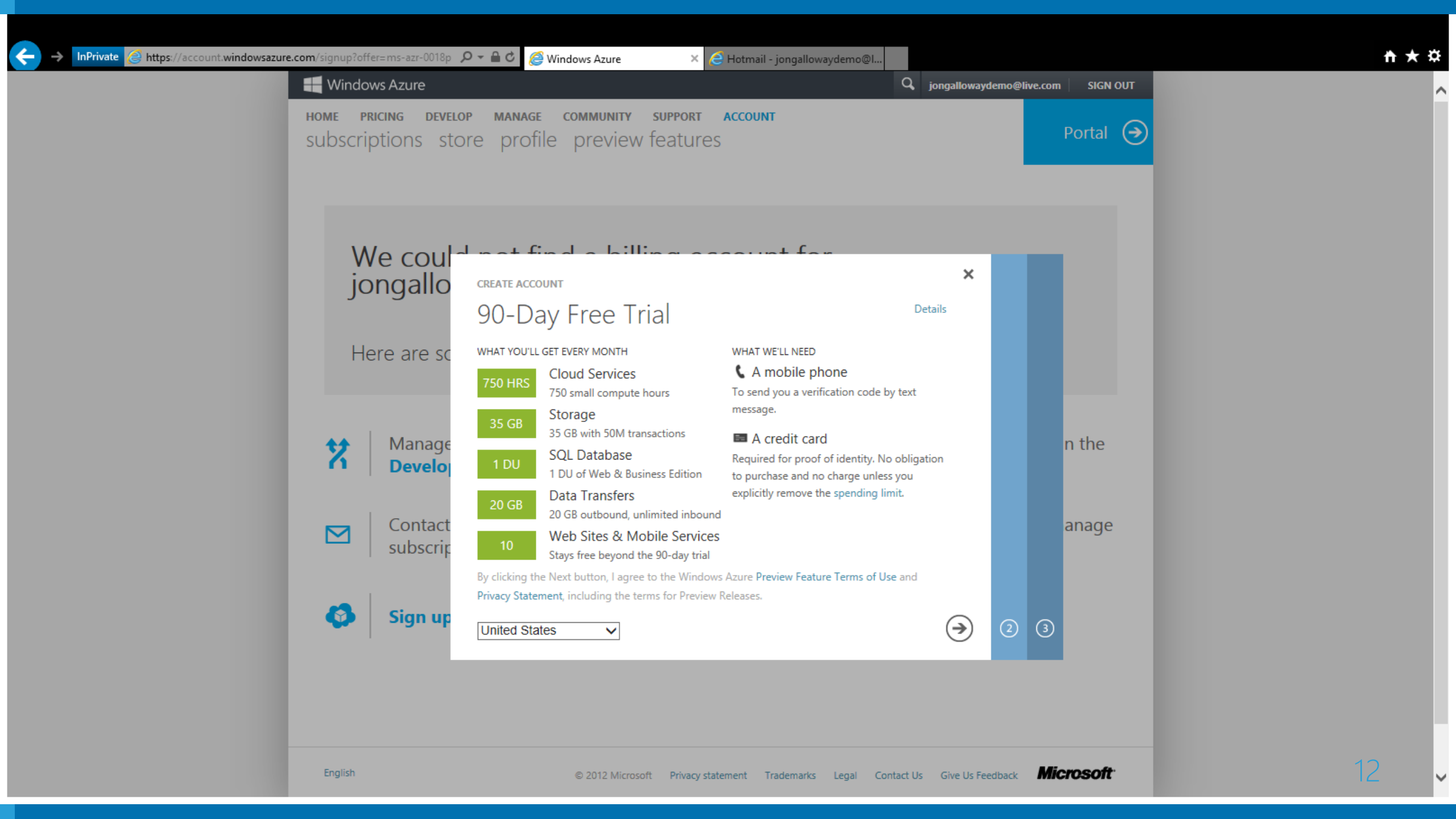
[relational database](#) / 1 SQL database

[SQL reporting](#) / 100 hours per month

[storage](#) / 35GB with 50,000,000 storage transactions

[bandwidth](#) / unlimited inbound & 25GB outbound

[cdn](#) / 20GB outbound with 500,000 transactions



InPrivate

https://account.windowsazure.com/signup?offer=ms-azr-0018p



Windows Azure



Hotmail - jongallowaydemo@l...



Windows Azure



jongallowaydemo@live.com

SIGN OUT

HOME PRICING DEVELOP MANAGE COMMUNITY SUPPORT ACCOUNT

subscriptions store profile preview features

Portal



We could not find a billing account for jongallowaydemo@live.com

Here are some options for you

CREATE ACCOUNT



90-Day Free Trial

[Details](#)

WHAT YOU'LL GET EVERY MONTH

- 750 HRS** Cloud Services
750 small compute hours
- 35 GB** Storage
35 GB with 50M transactions
- 1 DU** SQL Database
1 DU of Web & Business Edition
- 20 GB** Data Transfers
20 GB outbound, unlimited inbound
- 10** Web Sites & Mobile Services
Stays free beyond the 90-day trial

WHAT WE'LL NEED

- A mobile phone**
To send you a verification code by text message.
- A credit card**
Required for proof of identity. No obligation to purchase and no charge unless you explicitly remove the spending limit.

By clicking the Next button, I agree to the Windows Azure [Preview Feature Terms of Use](#) and [Privacy Statement](#), including the terms for Preview Releases.

United States



2

3

English

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[Privacy statement](#)

[Trademarks](#)

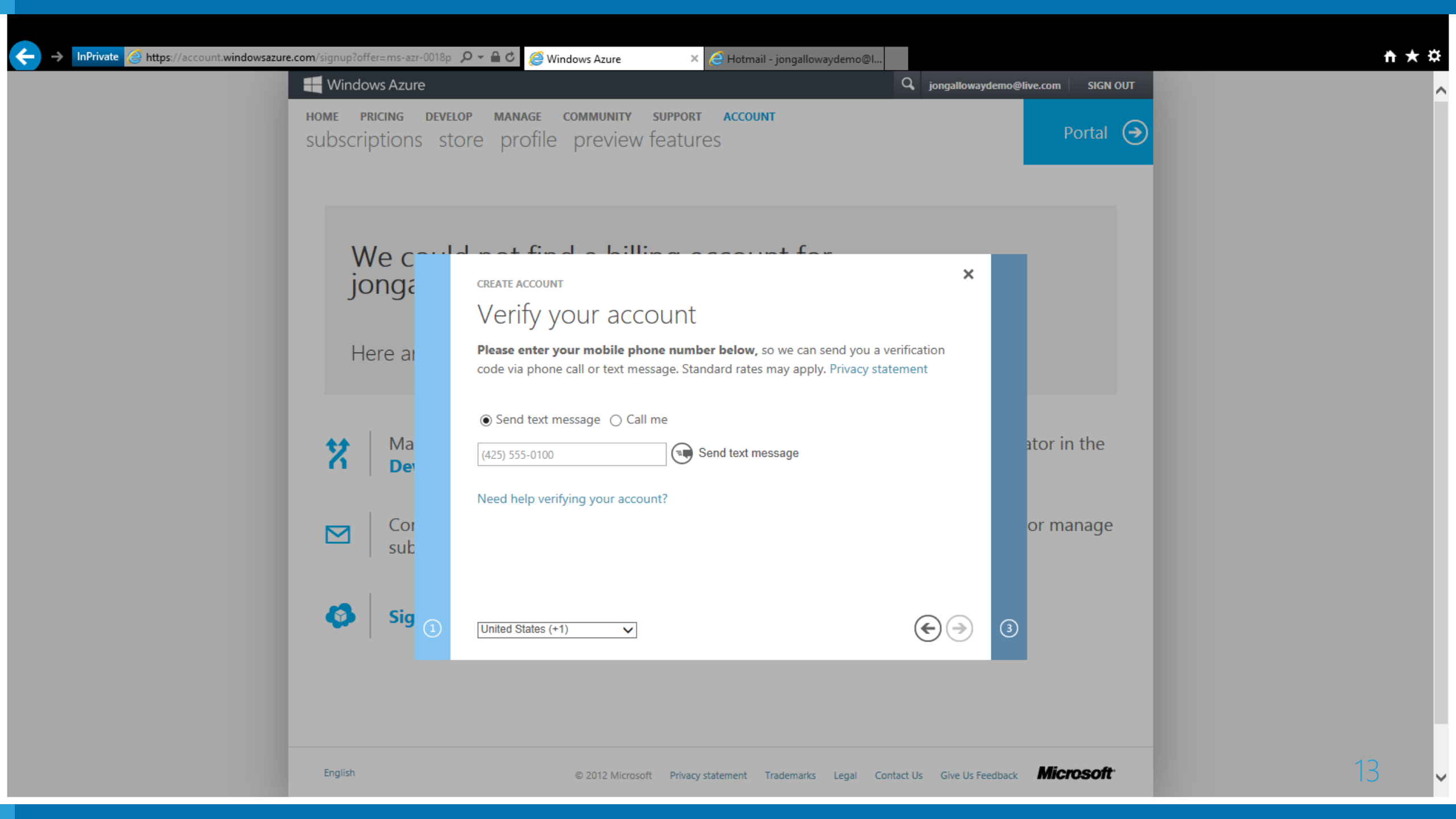
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[Contact Us](#)

[Give Us Feedback](#)

Microsoft

12



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CREATE ACCOUNT

Verify your account

Please enter your mobile phone number below, so we can send you a verification code via phone call or text message. Standard rates may apply. [Privacy statement](#)

☒ Send text message ☐ Call me

(425) 555-0100

Send text message

Need help verifying your account?

United States (+1) ▼



3

←

→

InPrivate

https://account.windowsazure.com/signup?offer=ms-azr-0018p

Windows Azure

×

Hotmail - jongallowaydemo@l...

×

🏠

★

⚙️

Windows Azure

🔍

jongallowaydemo@live.com

SIGN OUT

HOME

PRICING

DEVELOP

MANAGE

COMMUNITY

SUPPORT

ACCOUNT

subscriptions

store

profile

preview features

Portal

➔

Credit card type*

☐ VISA

☐ MASTERCARD

☐ AMERICAN EXPRESS

☐ DISCOVER

Credit card number*

- Enter without dashes or spaces -

Expiration date*

MM

YYYY

Credit card number*

- Enter without dashes or spaces -

Expiration date*

MM

YYYY

Name on card*

CVV*

What's this?

Billing address

Address line 1*

Address line 2

- Optional -

City*

State*

Zip code*

- Example: 97531 -

Country/region

United States

Phone number*

619

9282809

Account information

First name*

Jon

Last name*

Galloway

Company name

- Optional -

Email*

jongallowaydemo@live.com

☐ Check here to indicate that you have read and agree to the [Subscription Agreement](#) and the [Rate Plan](#). Your e-mail and phone may be used to contact you regarding information for new subscribers, billing and your subscription.

☐ I agree that Microsoft may also use my e-mail and phone to provide special offers regarding Windows Azure.

Cancel

Next

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English

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Privacy statement

Trademarks

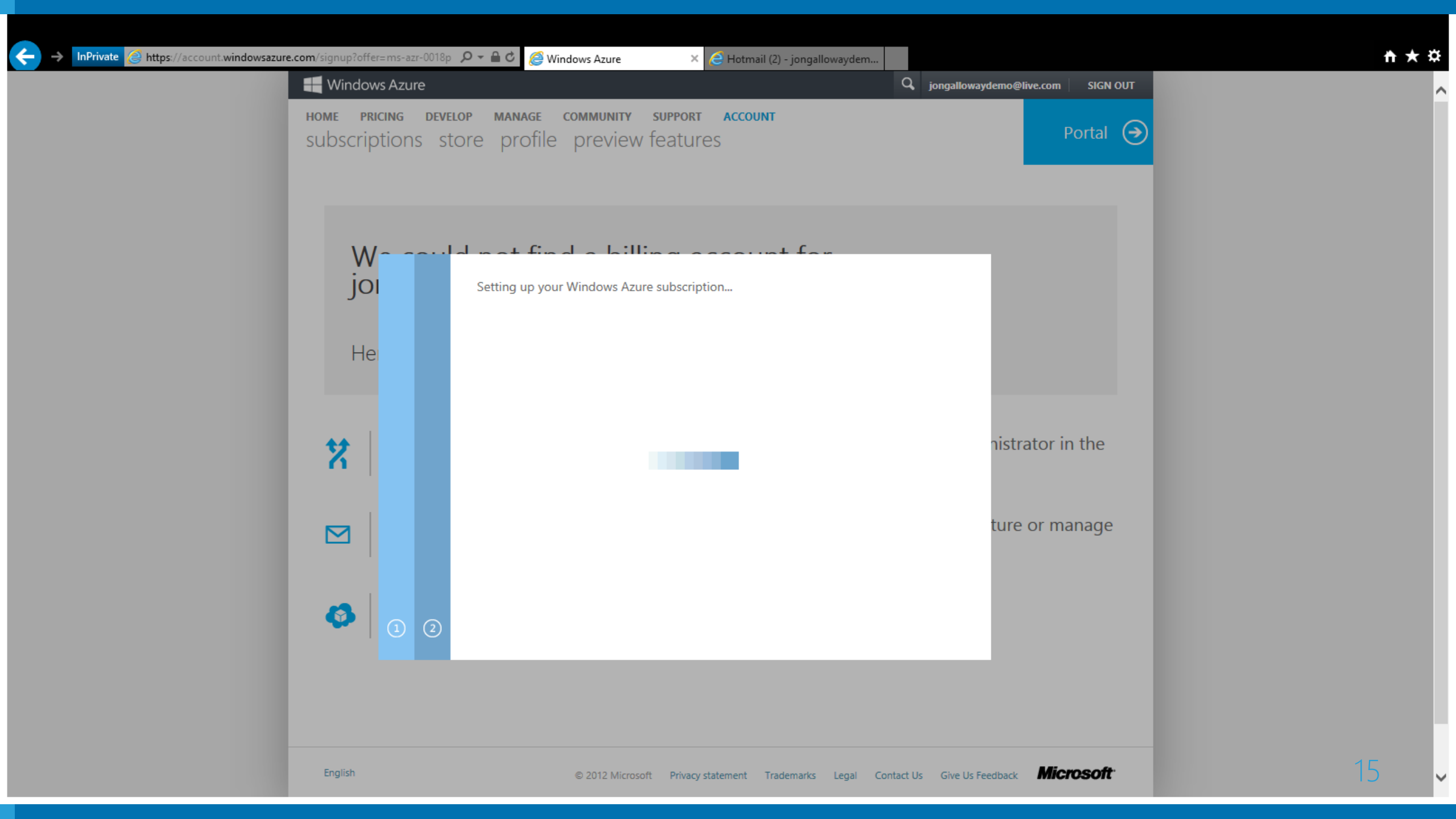
Legal

Contact Us

Give Us Feedback

Microsoft

14



We could not find a billing account for your subscription.
Please contact your administrator in the portal to create or manage a billing account.

Here's what you can do:



1

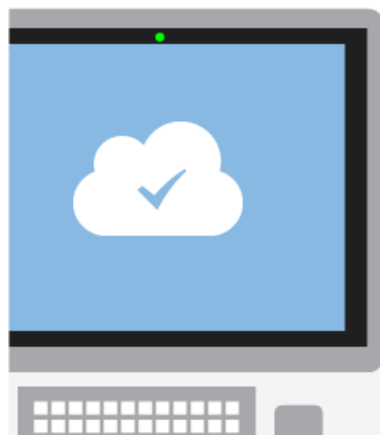
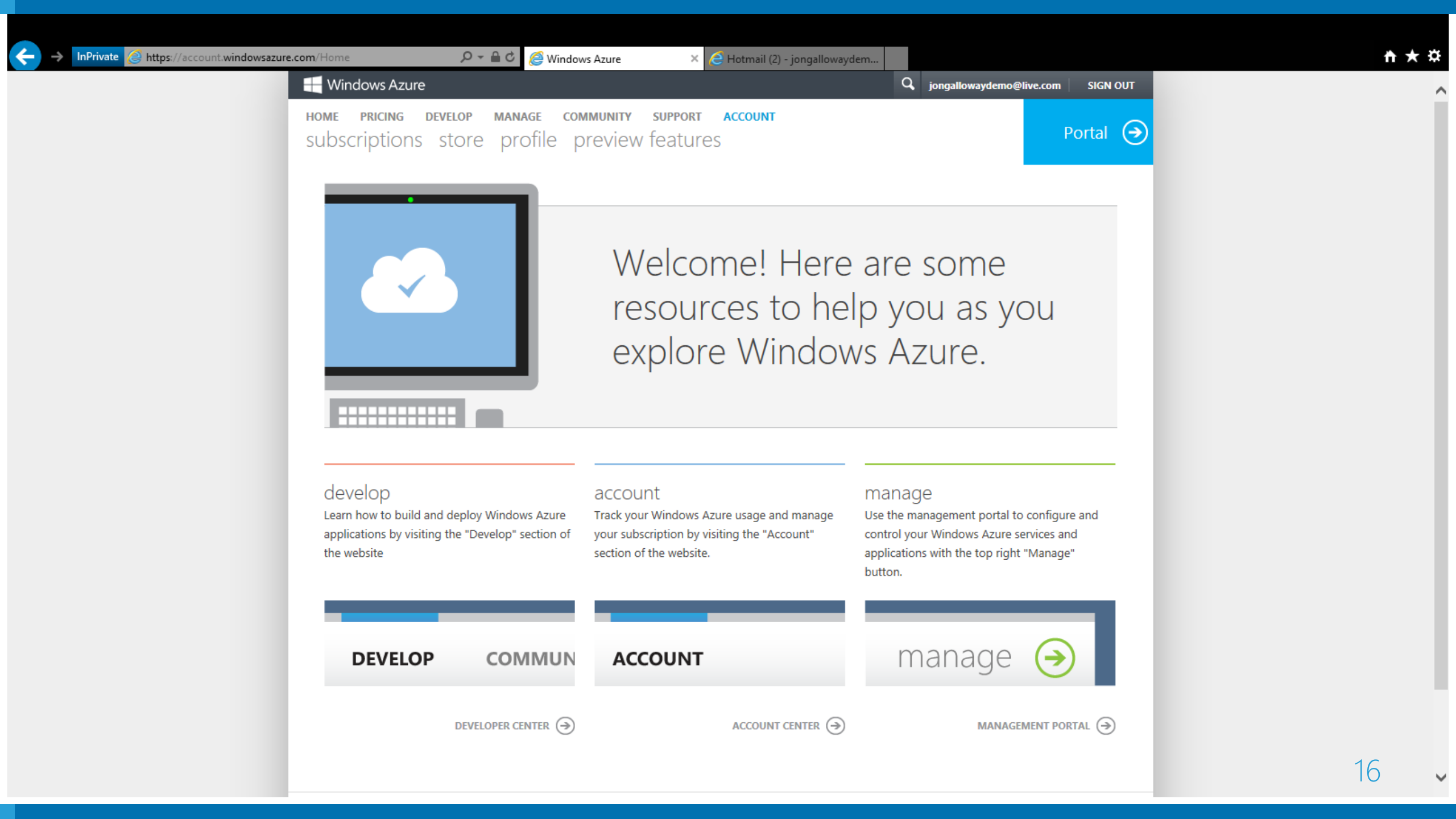
2

Setting up your Windows Azure subscription...



Administrator in the

create or manage



Welcome! Here are some resources to help you as you explore Windows Azure.

develop

Learn how to build and deploy Windows Azure applications by visiting the "Develop" section of the website

account

Track your Windows Azure usage and manage your subscription by visiting the "Account" section of the website.

manage

Use the management portal to configure and control your Windows Azure services and applications with the top right "Manage" button.

DEVELOP

COMMUN

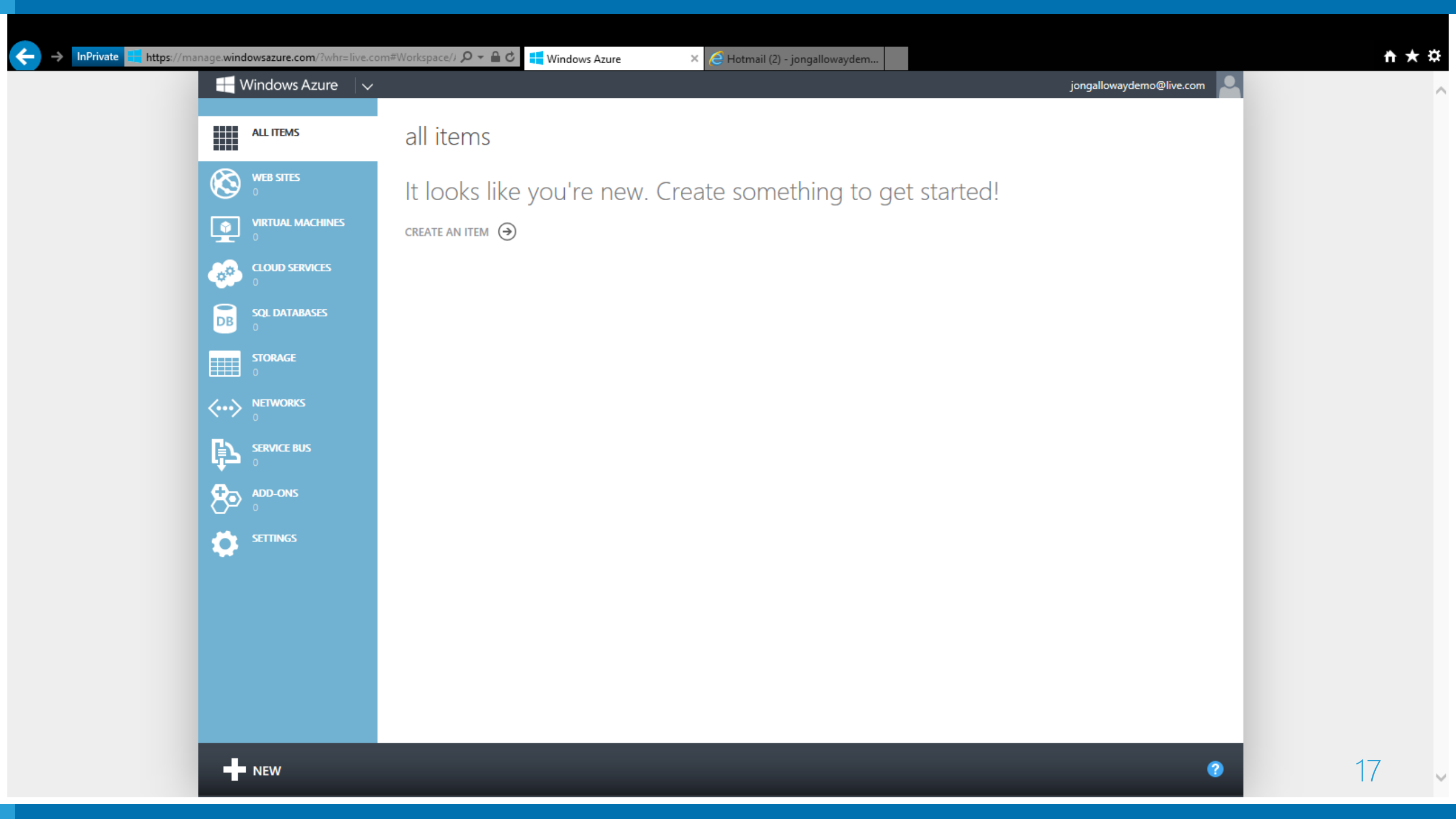
ACCOUNT

manage →

DEVELOPER CENTER →

ACCOUNT CENTER →

MANAGEMENT PORTAL →



all items

It looks like you're new. Create something to get started!

CREATE AN ITEM →

+ NEW



33%

DISCOUNT
VIRTUAL MACHINES

25%

DISCOUNT
RESERVED WEB SITES
CLOUD SERVICES, HDINSIGHT

NO

CREDIT CARD REQUIRED

\$150

MONTHLY CREDIT
VISUAL STUDIO **ULTIMATE**
WITH MSDN

Windows Azure

\$100

MONTHLY CREDIT
VISUAL STUDIO **PREMIUM**
WITH MSDN

\$50

MONTHLY CREDIT
VISUAL STUDIO **PROFESSIONAL**
WITH MSDN

Windows Azure

MSDN Credits

\$50

PER MONTH

professional

\$100

PER MONTH

premium

\$150

PER MONTH

ultimate



3 VMs for 16 hours a day

Windows Azure

\$50 PER MONTH	\$100 PER MONTH	\$150 PER MONTH
professional	premium	ultimate



80 VMs for 20 hour load test

Windows Azure

\$50 PER MONTH	\$100 PER MONTH	\$150 PER MONTH	 { ○○○○○○○○○○○○○○○○○○○○ ○○○○○○○○○○○○○○○○○○○○ ○○○○○○○○○○○○○○○○○○○○ ○○○○○○○○○○○○○○○○○○○○ ○○○○○○○○○○○○○○○○○○○○
professional	premium	ultimate	

Windows Azure

\$50 PER MONTH professional	\$100 PER MONTH premium	\$150 PER MONTH ultimate
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The foundation: tools & frameworks

Visual
Studio

NuGet

ASP.NET

Windows
Azure

Resources

Feedback and questions

<http://asp.net>

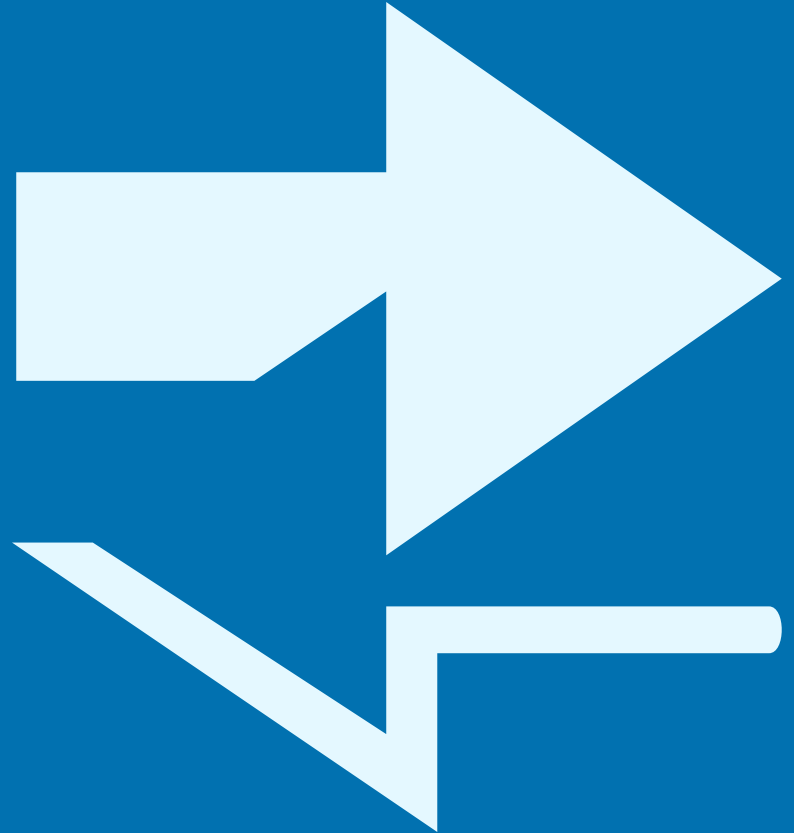
<http://asp.net/vnext>

<http://windowsazure.com>

<http://www.devcamps.ms/web>

<http://aka.ms/webcamps-training-kit>

<http://aka.ms/webcamps-azure> (free trial)





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