Azure Governance Workshop Setup Guide

Version 1.0

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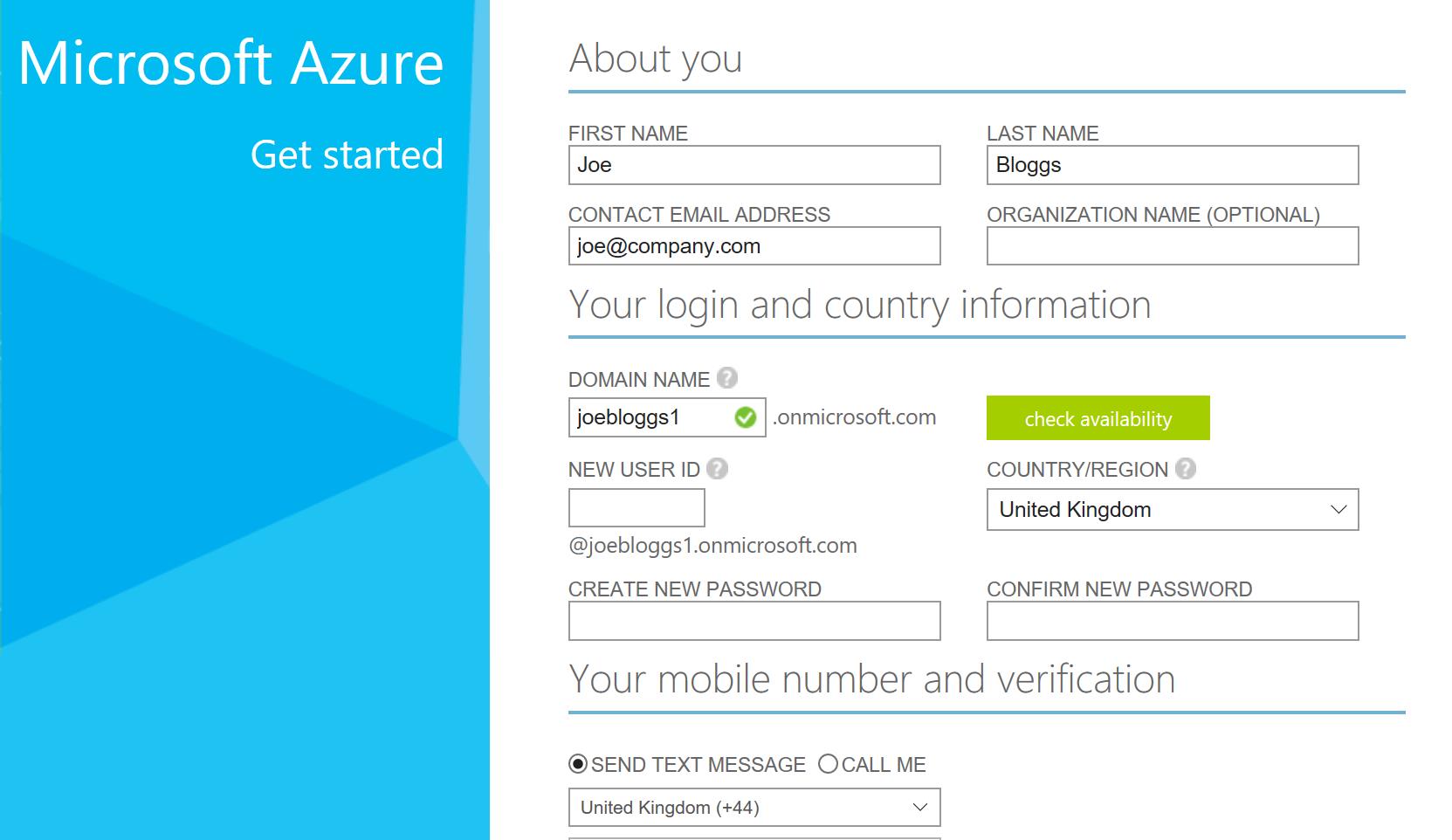
# Getting Started

## Tools for the Workshop

* Install Visual Studio Code and Extensions (depending on your tool of choice)
  + Azure Resource Manager Tools - <https://marketplace.visualstudio.com/items?itemName=msazurermtools.azurerm-vscode-tools>
  + Azure Account and Sign-In (adds the Azure Cloud Shell for Bash) - <https://marketplace.visualstudio.com/items?itemName=ms-vscode.azure-account>  
    (Optional) Azure CLI Tools –   
    <https://marketplace.visualstudio.com/items?itemName=ms-vscode.azurecli>

# Create a new Azure AD Tenant

1. Create a new tenant and global admin account
   1. From a web browser, navigate to [**https://account.azure.com/organization**](https://account.azure.com/organization)
   2. Enter and complete the information. Then name supplied under Domain Name will subsequently become the name of your tenant e.g. contoso.onmicrosoft.com

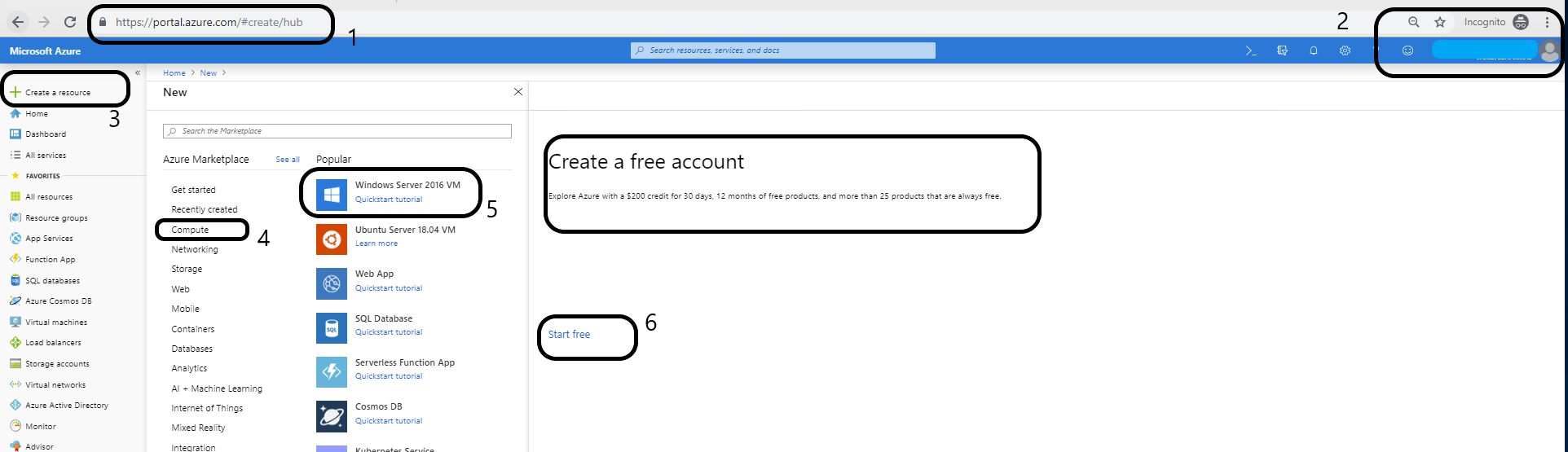


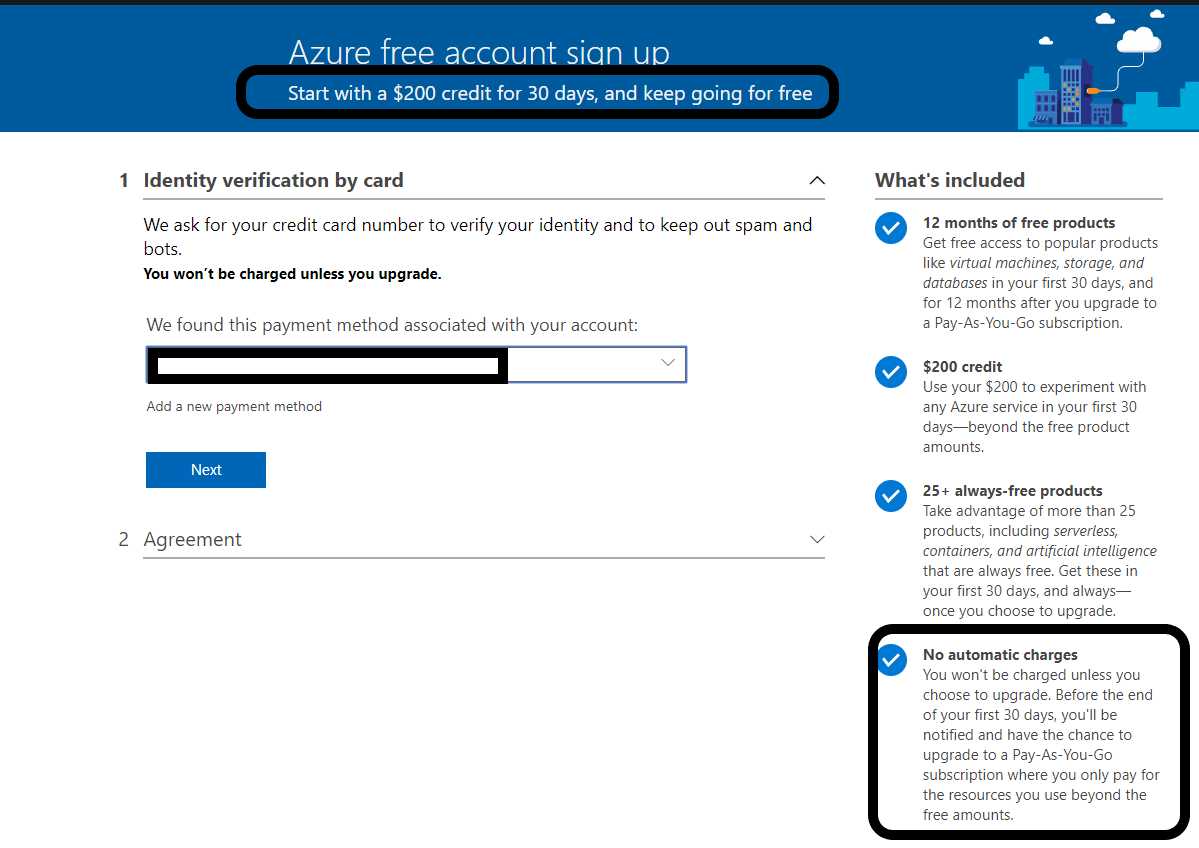
Keep a record of the user id and password as this is the Global Admin account, you’ll user later for the workshop

# Create a new Azure Subscription

If you have created an Azure subscription for Free Trial before, you will not be able to create another subscription. Each person is only eligible for one Free Trial Account, all information would need to be different for the account to be eligible for a free Subscription.

Note: You will be required to use a credit card to create your Tenant and will get a free Azure Subscription



* 1. Open an In-Private browsing session and navigate to [**https://portal.azure.com**](https://portal.azure.com) (the In-Private session will ensure your corporate credentials are not used)
  2. When prompted, enter the global admin account for your tenant created in Task 1. Within the Portal, you can view and manage Azure Active Directory
  3. Click on Create a new resource. You can click to create any new Azure resource.
  4. In the diagram about, we have shown to create a compute VM. Click on Compute
  5. Click Windows Server or anything else in that list.
  6. You will be prompted to create a new Azure Subscription. Click ‘Start Free’.
  7. You will be prompted to enter your details and Credit Card information.
  8. This new Azure Subscription will come with a $200 Azure Credits and it will not charge unless you upgrade to a PayAsYouGo subscription.
  9. 

# Create VMs used for Policy Challenge

Log into the Azure Portal using the new account you created and run the following Azure CLI commands from the Azure Bash Cloud Shell.

#Azure CLI commands to deploy the VMs used for the Azure Governance Policy Challenge

AdminPassword='MyP@ssW0rd!!!!'  #Update password and make sure it follows the Azure password policy

#Create Virtual Machine with unmanaged disk

VmName='unmanageddiskVm'

#Create Resource Group for unmanaged disk VM

ResourceGroupName='gov-unmanaged-vm'

az group create --name $ResourceGroupName --location westeurope

az vm create \

    --resource-group $ResourceGroupName \

    --name $VmName \

    --image win2019datacenter \

    --admin-username azureuser \

    --admin-password $AdminPassword \

    --size Basic\_A1 \

    --use-unmanaged-disk \

    --storage-sku Standard\_LRS \

    --public-ip-address ""

#Create Virtual Machine with managed disk

VmName="manageddiskVm"

#Create Resource Group for managed disk VM

ResourceGroupName='gov-managed-vm'

az group create --name $ResourceGroupName --location westeurope

az vm create \

    --resource-group $ResourceGroupName \

    --name $VmName \

    --image win2019datacenter \

    --admin-username azureuser \

    --admin-password $AdminPassword \

    --size Basic\_A1 \

    --public-ip-address ""