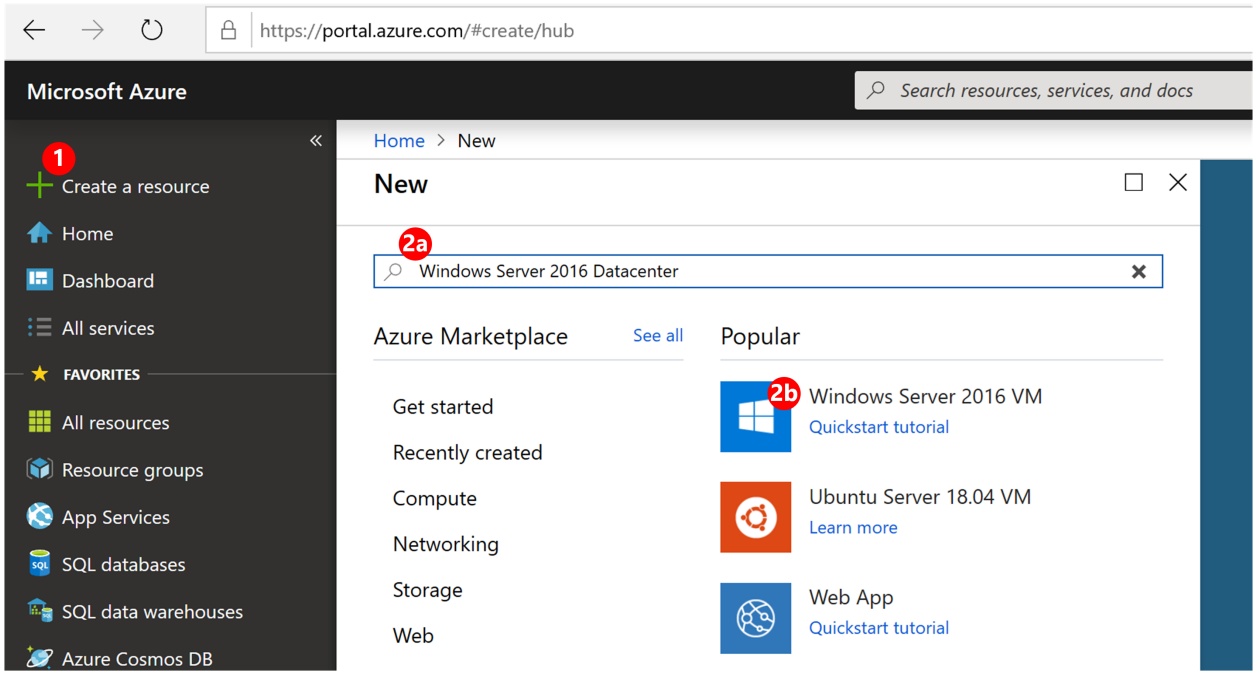
Lab - Overview of Azure Templates - Deployments

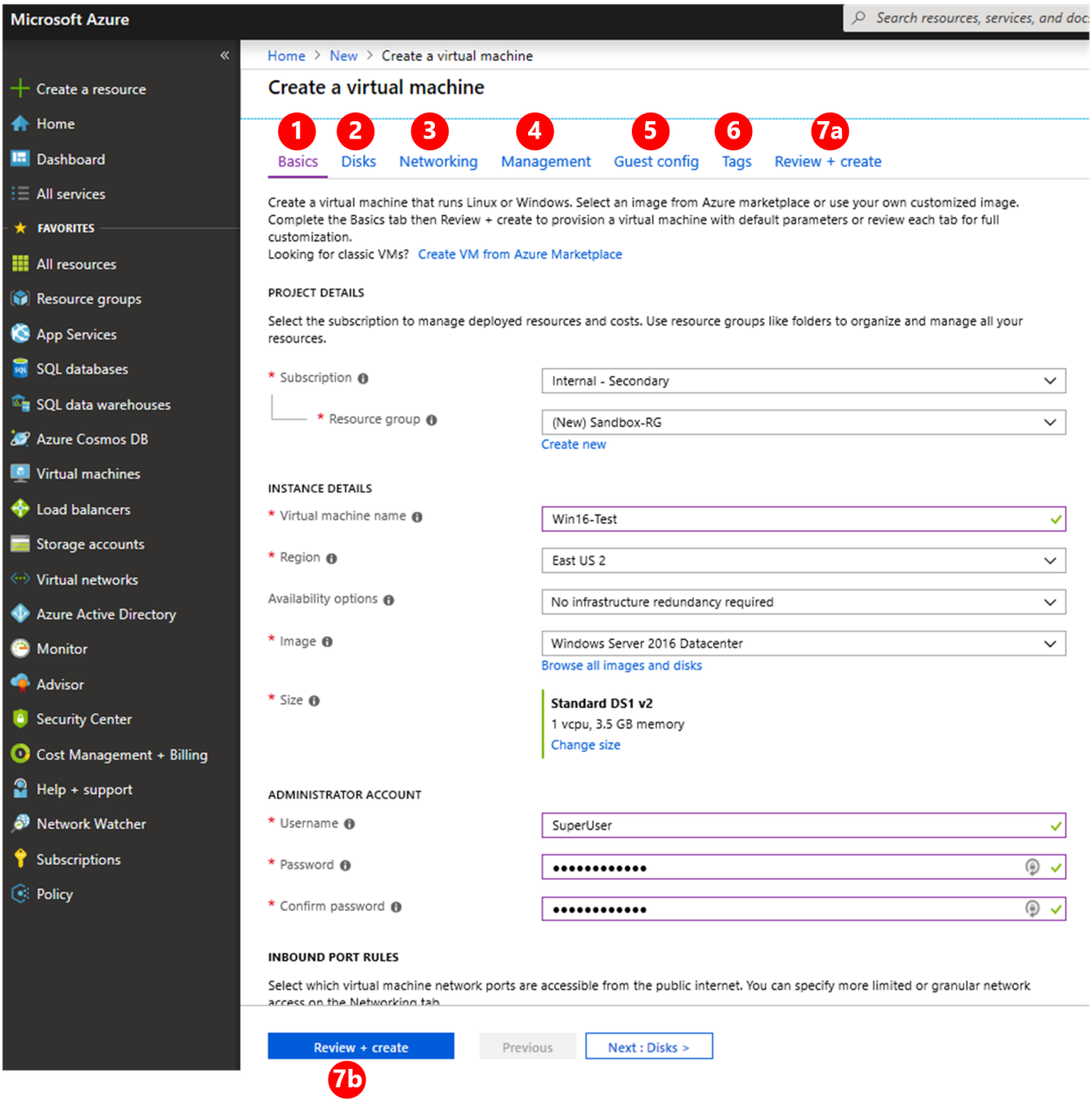
Objective: Explore and deploy a template that is automatically generated by the Azure portal

Build out a VM through the Portal's wizard

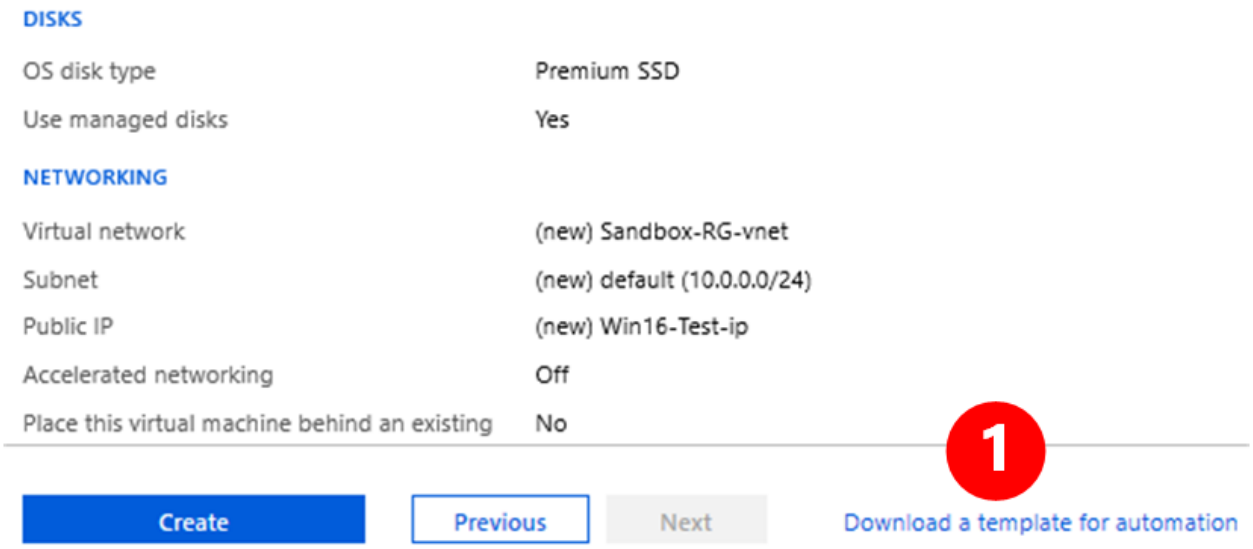
1. Login to the Azure Portal https://portal.azure.com with your credentials provided by your instructor.
2. Once logged in, click (1) + Create a resource, (2a) type in "Windows Server 2016 Datacenter" or (2b) click on "Windows Server 2016 VM" under the "Popular" section



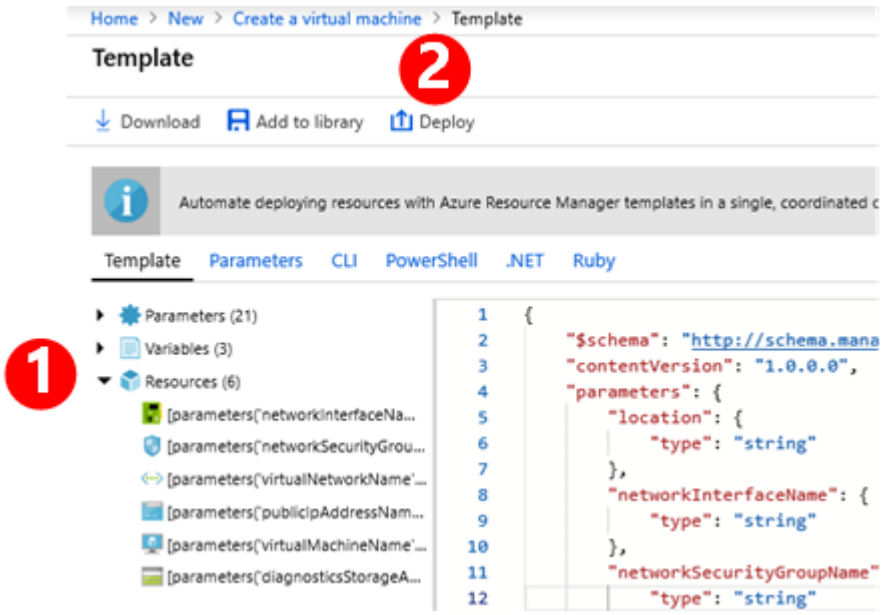
3. Fill out as much or as little of the Wizard as you'd by completing the different tabbed sections. The red asterisk fields must be completed. When ready, move to the "Review + Create" section (7a / 7b)



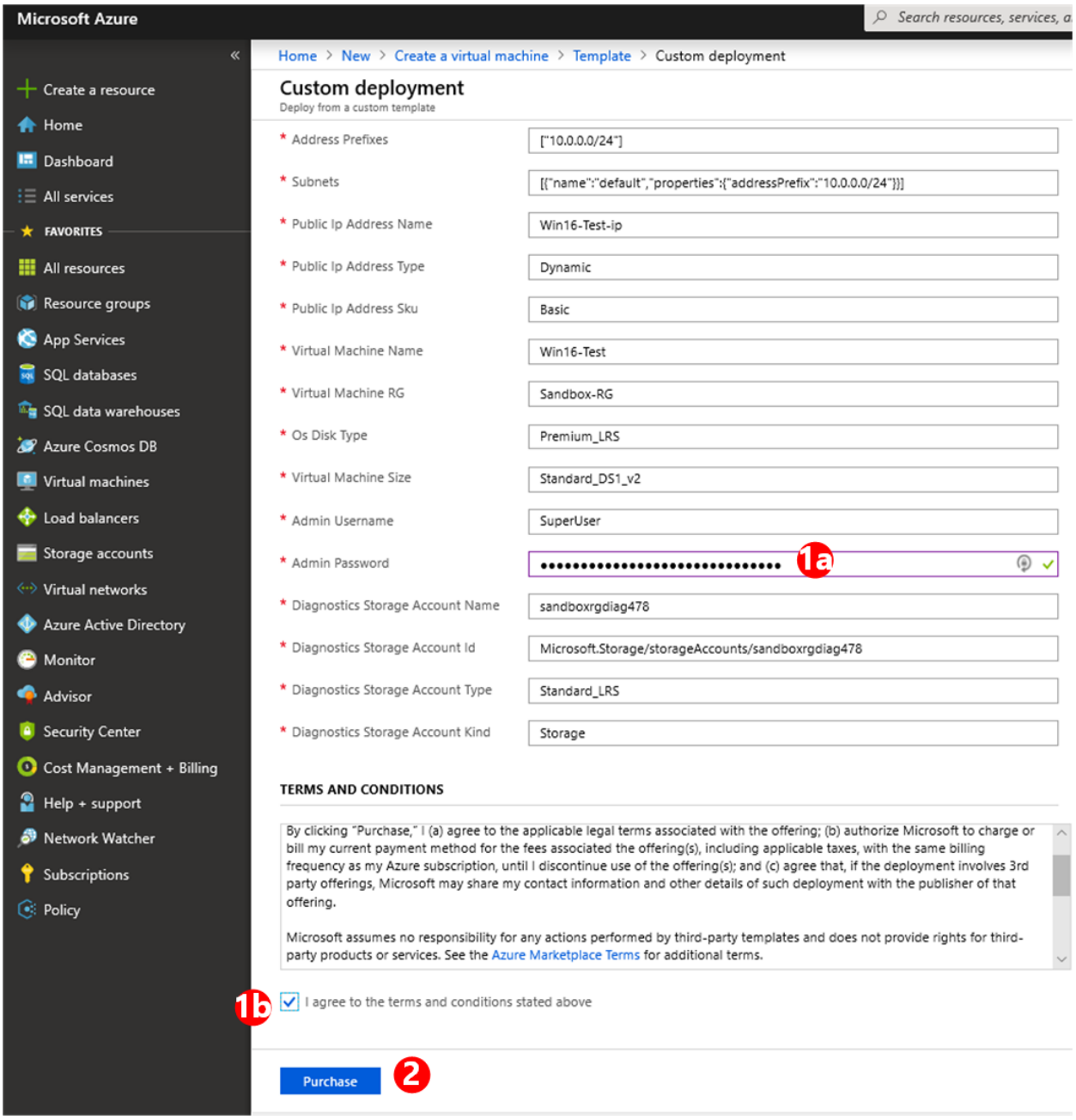
4. Click "Download a template for automation" to have Azure display a template customized with your selections from the Wizard (1)



5. Explore the template and find the parameters, variables, and resources sections. See dependencies as well to understand the orchestration that will occur when the template is run (1). Click "Deploy" (2) to start a new wizard for pushing custom templates to Azure via the Portal



6. Fill in the "Resource Group" and "Admin Password" fields. Agree to the terms and select "Purchase"



The "fill in the blank" parameters when deploying templates via the Portal is the same experience for any templates with parameters

The Azure Portal generates templates that are not flexible and not reusable as they are custom built for your exact build. In the real world, you shouldn't need as many Parameter fields as most entries can be derived from other information.

7. Check the progress of the deployment under the resource group… observing the resources that are deployed and still to be deployed
8. Click on the template / input to see the historical nature of the deployment.
    a. Image to be added
9. Download the template to see that Azure retains and gives you the ability to re-use the templates

    a. Image to be added
10. Optionally feel free to re-deploy the template changing a few properties like the VM name to see what happens