Note: this is assuming you have created your profile already and signed up for the free trial.

1. Select 'Create a resource'

2. Enter Hdp into the search box
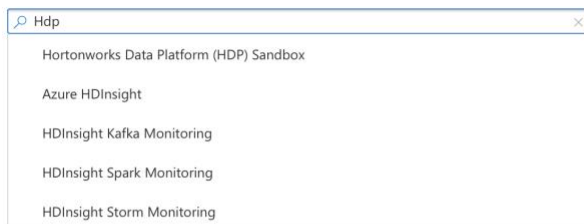
3. Select Hortonworks Data Platform (HDP) Sandbox and select Create

Hortonworks Data Platform (HDP) Sandbox 📌

Hortonworks

✕

Hortonworks Data Platform (HDP) Sandbox ♡ Add to Favorites

Hortonworks

★ ★ ★ ⯪ ☆ 3.7 (3 ratings)

[Create]   [Start with a pre-set configuration]

Want to deploy programmatically? Get started

Overview   Plans + Pricing   Usage Information + Support   Reviews

About To Deploy?

For a step-by-step guide on how to deploy the Hortonworks Sandbox on Azure, visit: Deploying Hortonworks Sandbox on Microsoft Azure.

Already Set Up and Looking to Learn?

There are a series of tutorials to get you going with HDP fast. To learn more about the HDP Sandbox check out: Learning the Ropes of the Hortonworks HDP Sandbox. To get started using Hadoop to store, process and query data try this HDP 2.6 tutorial series: Hello HDP an introduction to Hadoop
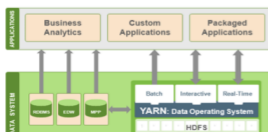
Have Questions?

For all your Hadoop and Big Data questions, and to get answers directly from the pros fast, visit: Hortonworks Community Connection

Learn More

- Browse: Big Data Tutorials
- Tutorial: Deploying Hortonworks Sandbox on Microsoft Azure
- Tutorial: Learning the Ropes of the Hortonworks Sandbox

Media

4. Enter the details as follows. Be sure to select 'create new' under Resource Group

Create a virtual machine

| Size * ⓘ | Standard_A2m_v2 - 2 vcpus, 16 GiB memory ($111.19/month) ⌄ |
| | See all sizes |

Administrator account

Authentication type ⓘ   ○ SSH public key
                         ● Password

Username * ⓘ   Singhmk ✓

Password * ⓘ   ●●●●●●●●●●●● ✓

Confirm password * ⓘ   ●●●●●●●●●●●● 🔓✓

Inbound port rules

Select which virtual machine network ports are accessible from the public internet. You can specify more limited or granular network access on the Networking tab.

Public inbound ports * ⓘ   ○ None
                            ● Allow selected ports

Select inbound ports *   SSH (22) ⌄

⚠ This will allow all IP addresses to access your virtual machine. This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

[Review + create]   [< Previous]   [Next : Disks >]

5. Keep clicking 'Next:' until you get to the final page titled 'Review + create'. Then select 'create'. Your machine will take a few minutes to be deployed.

6. Once it's ready, you'll see a message on the top right corner of the screen, that says 'Deployment succeeded.

7. Select Mymachine1-nsg

8. Select 'Inbound security rules'. Then select '+Add'.

9. In the 'Name' text box, enter Ambari. Then select 'Add'.

Add inbound security rule ✕

Mymachine2-nsg

Source ⓘ

Any ⌄

Source port ranges * ⓘ

*

Destination ⓘ

Any ⌄

Service ⓘ

Custom ⌄

Destination port ranges * ⓘ

8080

Protocol

◉ Any

○ TCP

○ UDP

○ ICMP

Action

◉ Allow

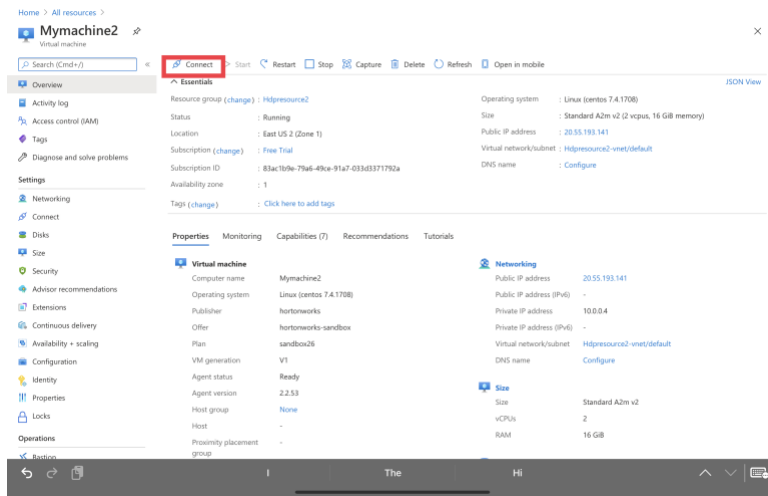○ Deny

Priority * ⓘ

310

Name *
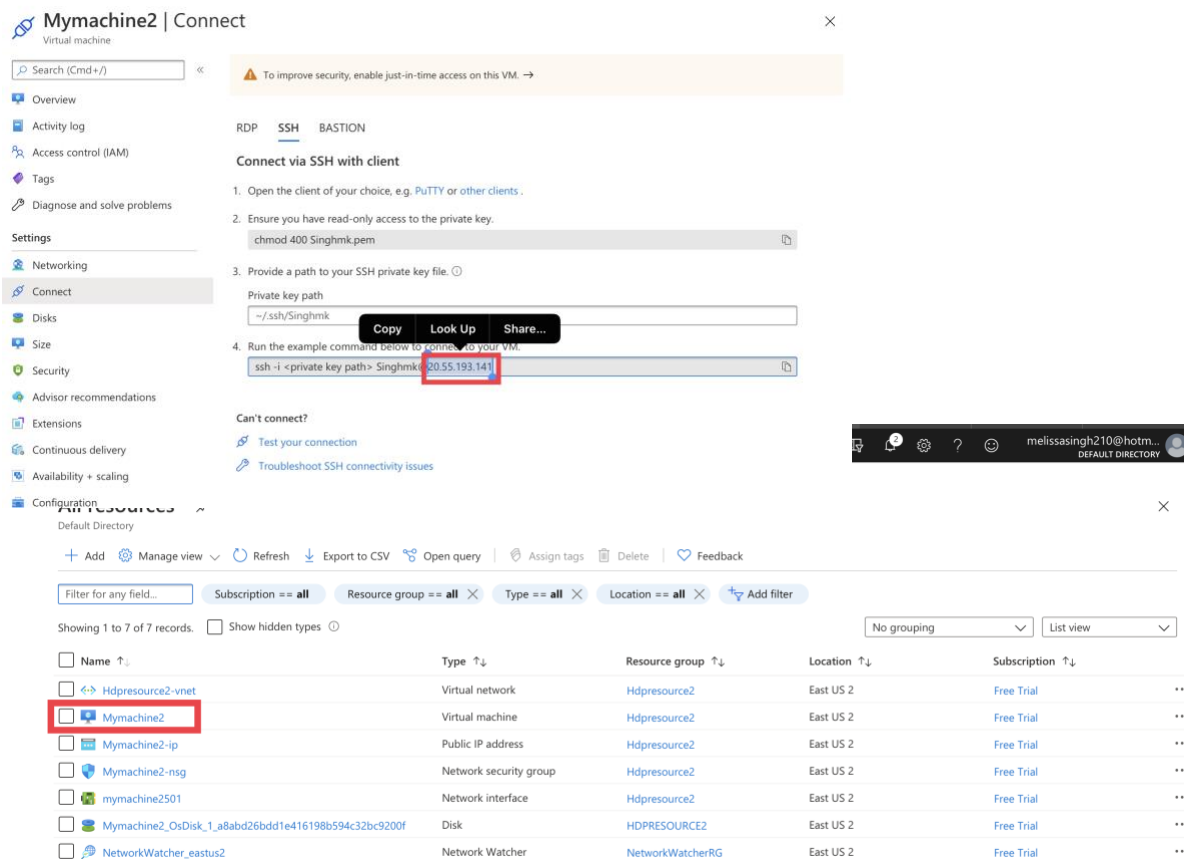
Description

Ambari ✓

Add   Cancel

10. Select 'Home', then 'All resources'. Select 'Mymachine1'
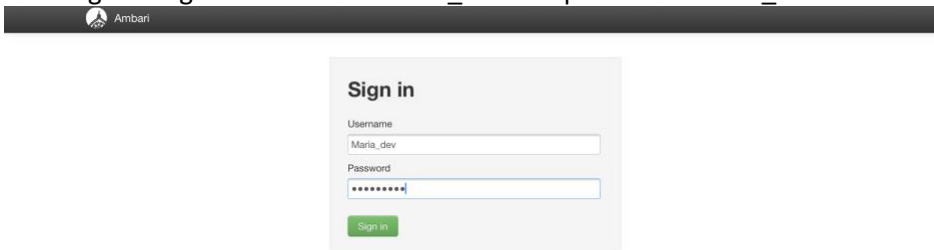
11. Select 'Connect'. Then select 'SSH'.

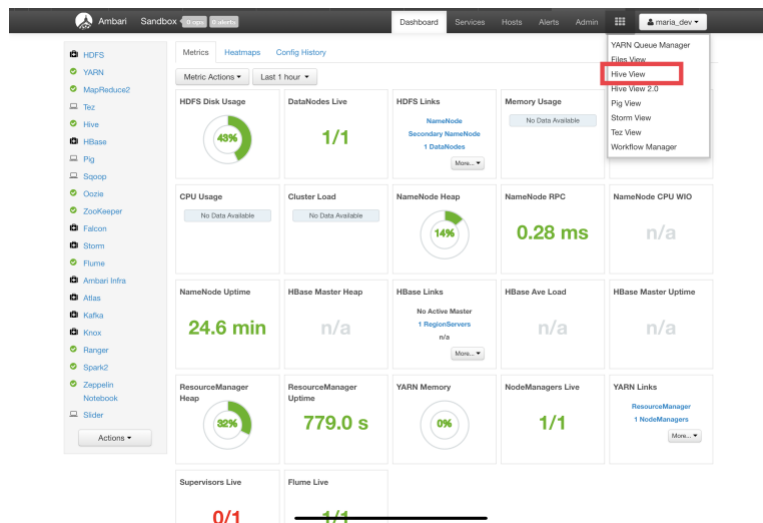12. Copy the IP address in the location highlighted in the red box below. I

13. Open a new tab in your web browser and paste the IP you copied as follows:
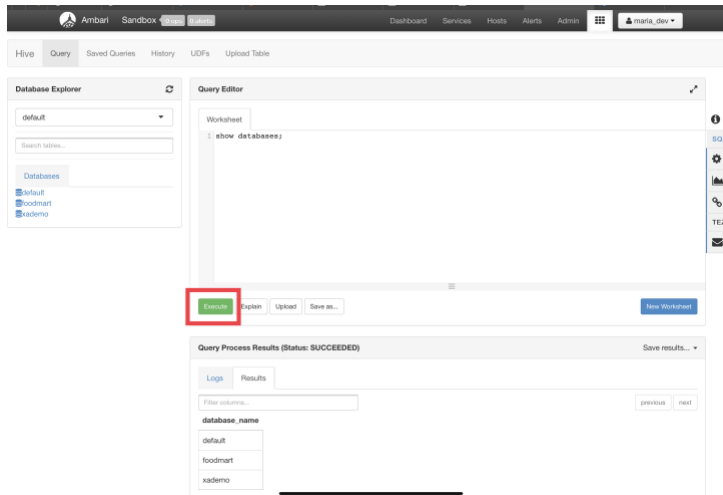   http://20.55.193.141:8080

14. Login using the username: maria_dev and password: maria_dev

15. Select 'Hive view'

16. Type 'show databases;' in the worksheet. then select 'execute'. You'll see the results of the query under 'Query Process Results'.

17. Enter the following statements into the worksheet and hit 'execute'.

Now you're ready to move onto Learning the Ropes of the HDP Sandbox.

- "Learning the Ropes of the HDP Sandbox" https://www.cloudera.com/tutorials/learning-the-ropes-of-the-hdp-sandbox.html