Extras/Connecting via SSH

Reference: How to connect via SSH to BDCS-CE

READY

This note describes how to connect via SSH to your BDCS-CE instance.

Contents

- Enabling SSH Network Access
- Connecting via SSH

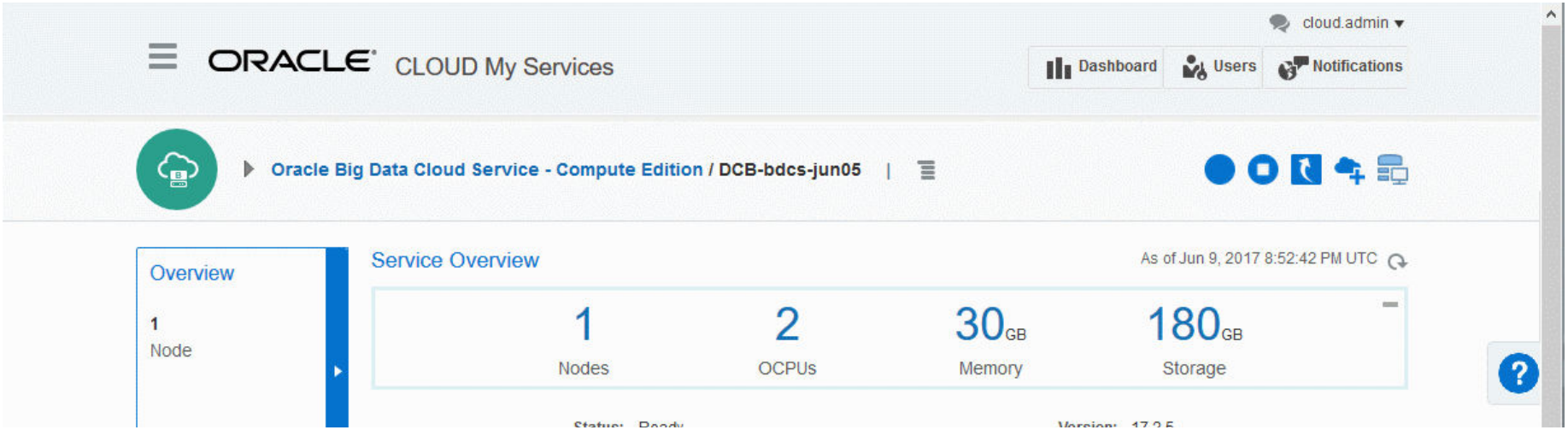
NOTE: You need to run all of the steps *one at a time, in order* in this notebook from top to bottom. Some steps are performed outside the notebook, so be sure to carefully read through the notebook and follow all instructions.

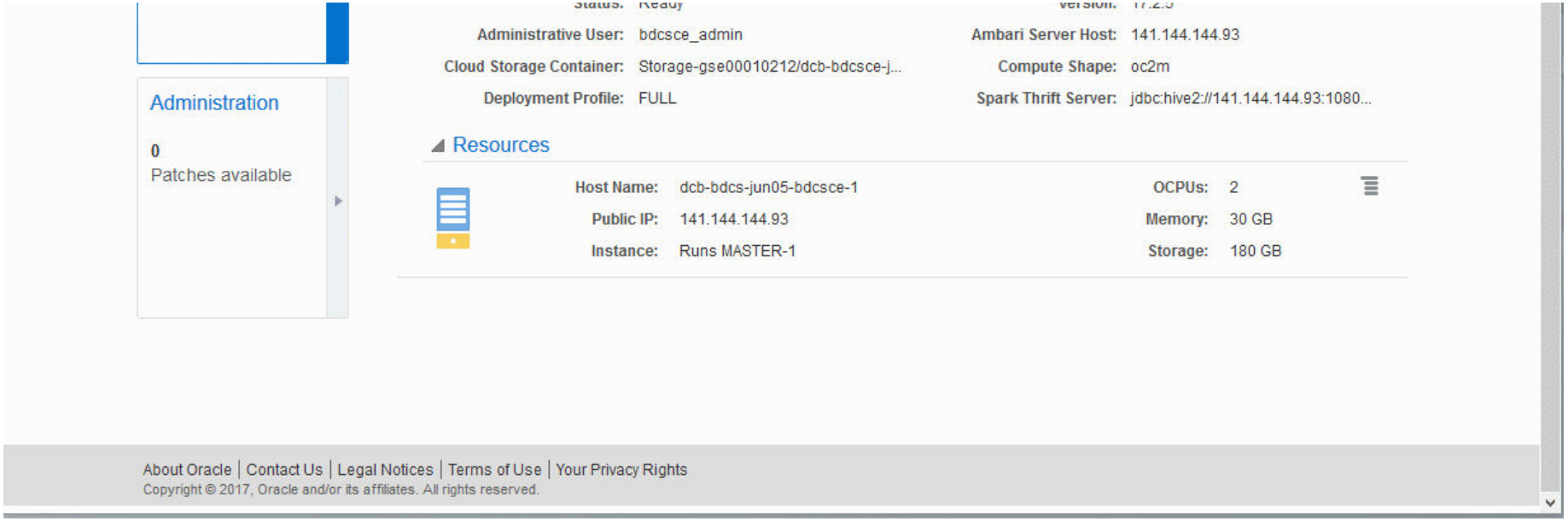
Enabling SSH Network Access

FINISHED

Our first step is to enable network access to our BDCS-CE server via the SSH protocol. You will do this from the BDCS-CE Service Console. Here are the steps:

- From the BDCS-CE Service Console, navigate to Access Rules for your BDCS-CE instance.
- Then, on the Access Rules page, enable the ssh (port 22) access rule by choosing Enable from the clickable menu under the Actions column as shown below.
- Also, be sure to make a note of the Public IP address. You will use this when you open up your SSH connection.





Took 0 sec. Last updated by anonymous at November 16 2017, 8:41:43 AM.

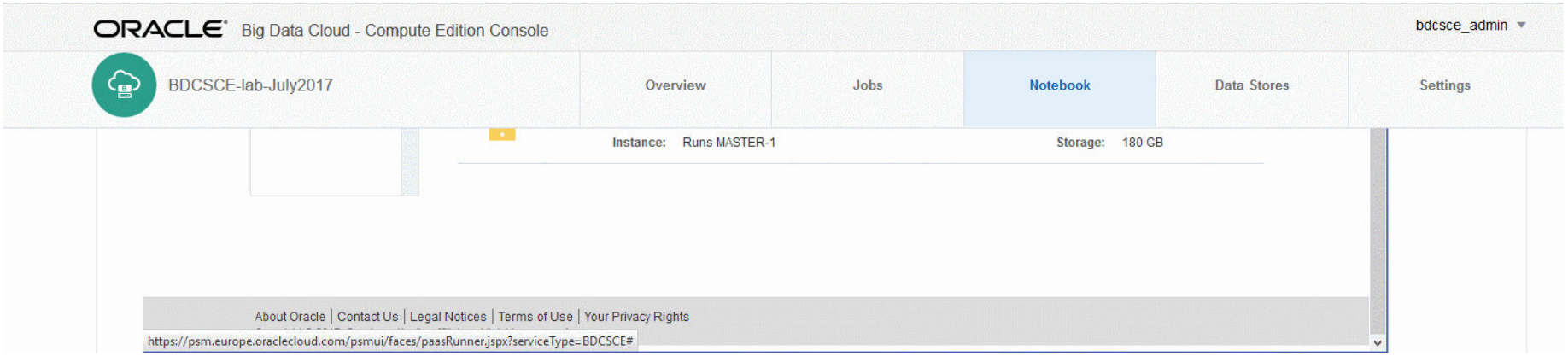
Connecting to your BDCS-CE Master Server via SSH

READY

Now that the network access is setup, we will proceed to connect to the BDCS-CE server via SSH.

If you do not know how to connect to BDCS-CE via SSH and private keys, you can review the documentation here:

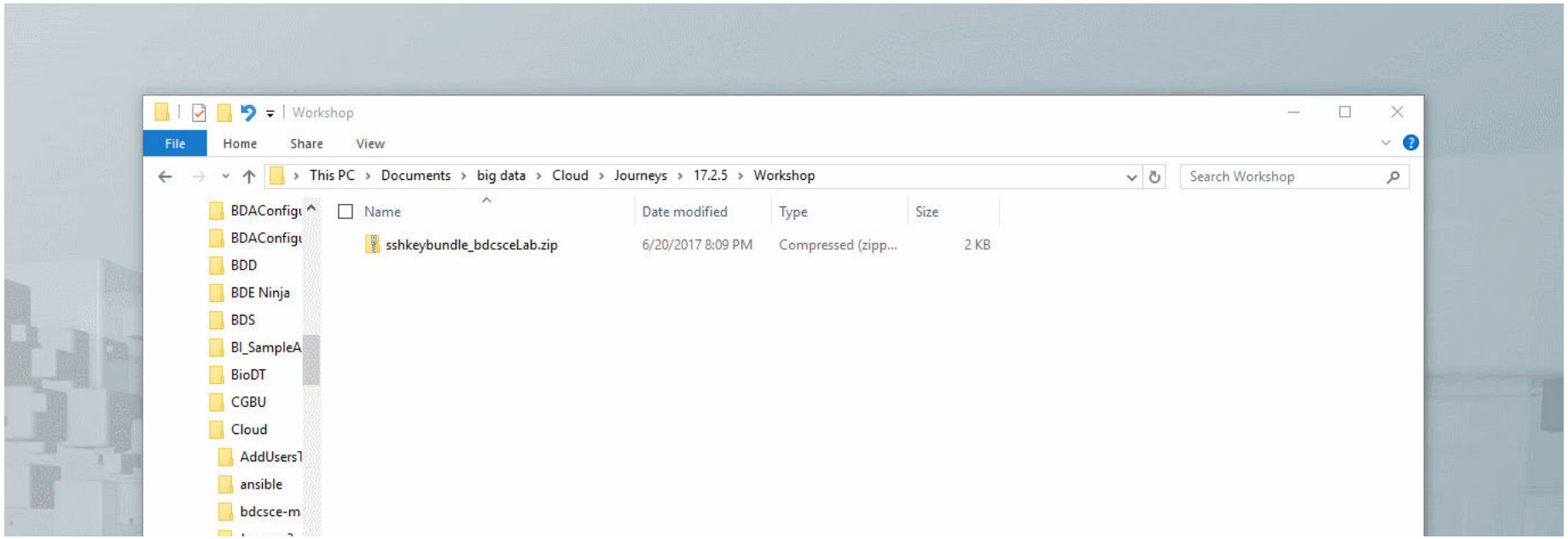
- Navigate to the product documentation here (http://docs.oracle.com/cloud/latest/big-data-compute-cloud/bigdata-compute-cloud-tasks.html) .
- Click “Tasks” in the navigation bar on the left hands side of the screen.
- Then click the “Connect to a node through SSH” topic under the “Access the Service” category.

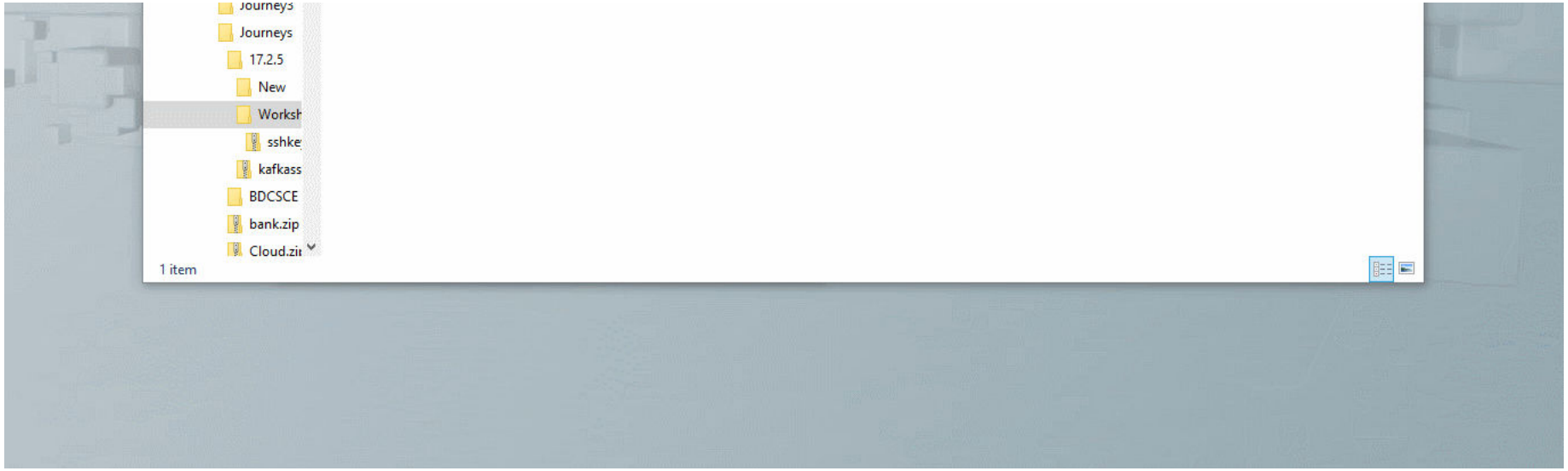


Note: if you are using Windows, we have included some Windows instructions here (they might be easier to follow then the more generic documentation above):

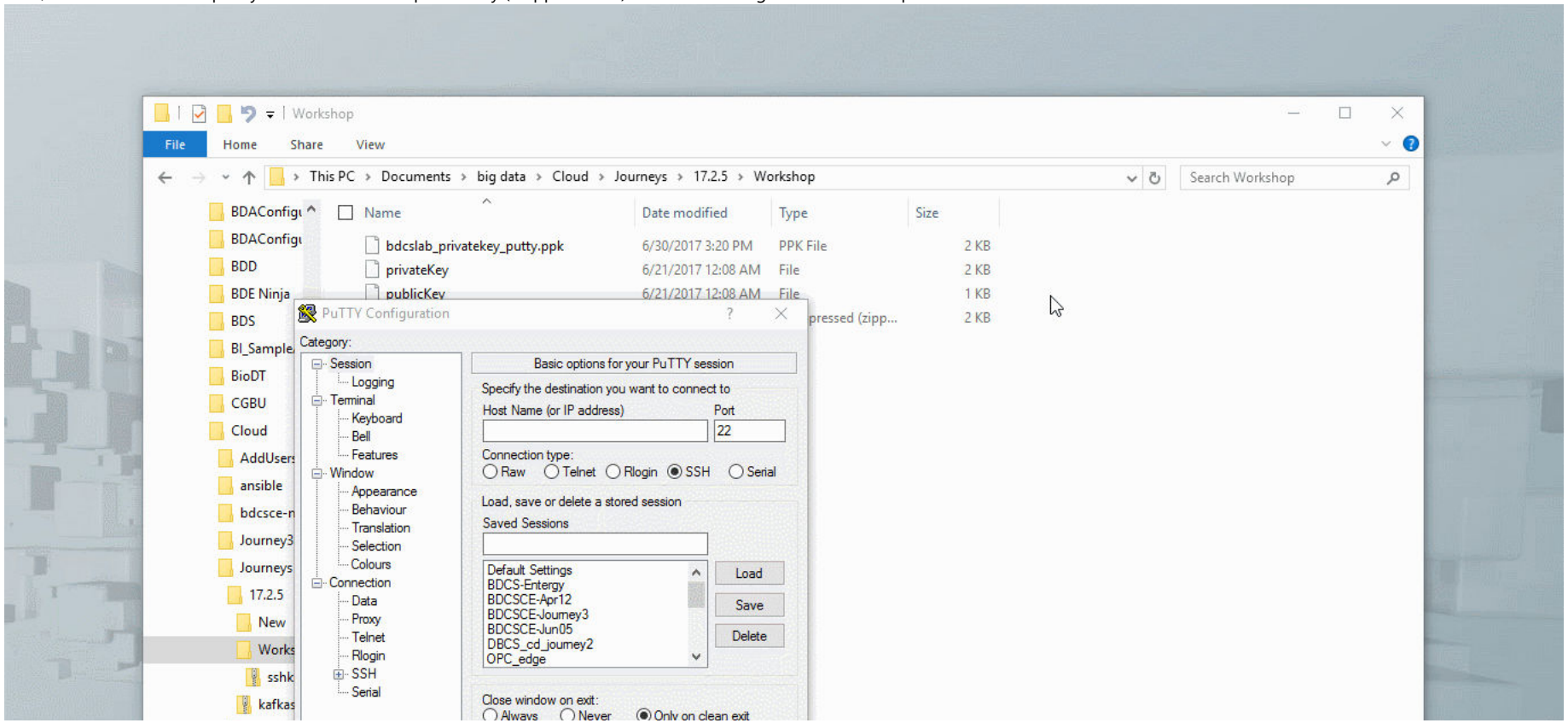
Instructions for Windows Users:

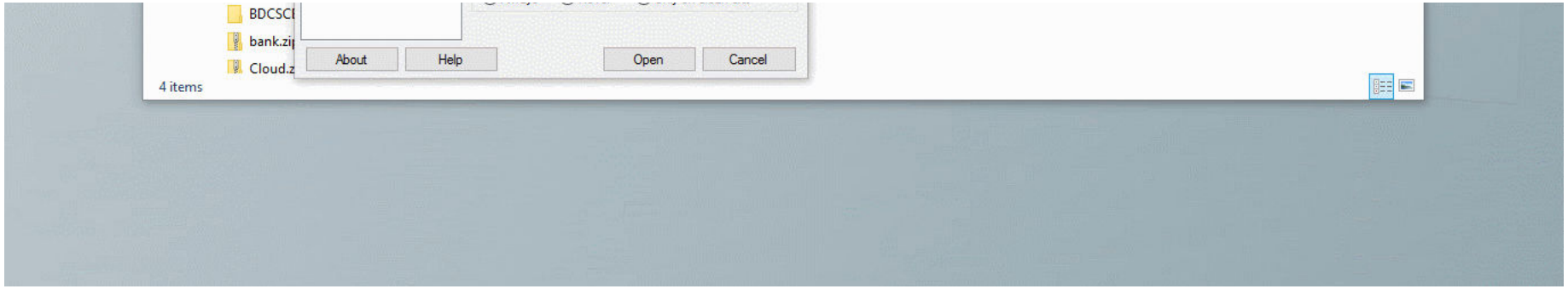
Windows users typically use Putty for SSH. If you generated a private key via the web console during BDCS-CE instance creation, the downloaded private key will be in openSSH format, which can not be used directly with Putty. Therefore, you will need to run the puttygen command (which gets installed with Putty) on your private key to convert it to ppk format. Here is an example:





Next, Windows users will specify the location of the private key (in .ppk format) when connecting. Here is an example:





Use the above instructions and connect now via SSH to your BDCS-CE Master Server.

READY

Use “opc” for the login as: username

```
login as: opc
Authenticating with public key "imported-openssh-key"
[opc@db-bdcs-mar6-bdcsce-1 ~]$
```

If you want to also do some SSH Tunneling (port forwarding)

READY

If you want to also do some SSH Tunneling (port forwarding), then check out the example in the note “xtra Connecting to Ambari”. You can follow that example and also tunnel other ports. For instance, you could forward the Resource Manager web UI port (8088) and access it on your local desktop via http: //127.0.0.1:8088/ (http://127.0.0.1:8088/).

Change Log

READY

August 23, 2017 - Added some tweaks.
July 28, 2017 - Updated for 17.3.1-20. Refreshed some images/animations.

```
%md
```

READY