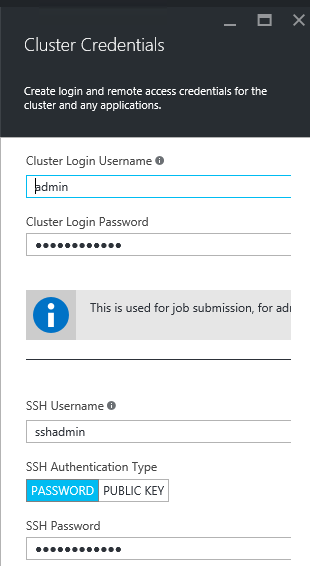
# Lab 1 – Provision HDInsight Cluster

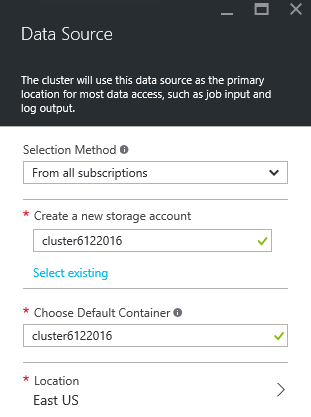
### Provision HDInsight Linux Hadoop clusters with Azure Management Portal

To provision HDInsight Windows Hadoop clusters with Azure Management Portal, perform these steps:

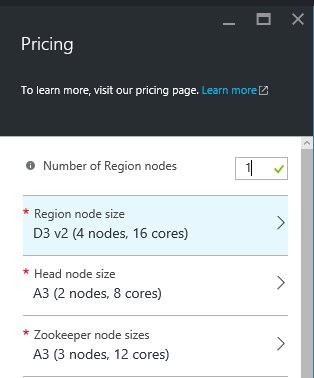
1. Go to the Azure Portal <https://portal.azure.com/>. Log on using your Azure account credentials.
2. Select **NEW -> Intelligence + analytics -> HDInsight**.
3. Type or select the following values.
4. **Cluster Name**: Enter the cluster name. A green tick will appear if the cluster name is available.
5. **Cluster Type**: Select **Hadoop** as the cluster type.
6. **Cluster Operating System**: Select **Linux** as the cluster operating system.
7. **Version**: Select **3.5** as the cluster version.
8. **Cluster Tier**: Select the **Standard** cluster tier.
9. **Subscription**: Select the Azure subscription to create the cluster.
10. **Resource Group**: Select an existing resource group, or create a new one.
11. **Credentials**: Configure the username and password for the HDInsight cluster and SSH connection. The SSH connection is used to connect to the HDInsight cluster through an SSH client such as Putty.



1. **Data Source**: Create a new storage account and default container.



1. **Node Pricing Tiers**: Set the number of head and worker nodes as shown below.



**Note**: You can select lowest pricing tier A3 nodes, or reduce the number of worker nodes to decrease the cluster cost.

1. Leave the other configuration options as default, and then click **Create** to provision an HDInsight Hadoop cluster. It will take 15-20 minutes for cluster provisioning. The HDInsight Linux Hadoop cluster is now ready to go.