Assessment Cloud Operations Engineer

Dear Candidate,

Thank you for your interest in Sitecore!

In order to assess your technical skill-set, we have prepared a real life exercise for you, based on a specific customer case.

For some exercises you will need an Azure subscription. You can create one for free here: https://azure.microsoft.com/en-us/free/

For some exercises you need to connect the environment we prepared using the SSH key that you have provided.

Please connect with a ssh client to the following machine as mentioned in the intro using you SSH key you provided to us and log in details as mentioned in the email.

- Ip/hostname: in the email

- Username: in the email

- Password- not needed

Exercise 1: Basic Azure knowledge

Create an environment with 2 machines.
The machines need to be able to communicate with each other.
Create a script which outputs basic metrics of the machines.

- CPU usage

- Network usage

- Disk usage

Please deliver:

- An automation script creating the environment

- A 2nd script outputting the metrics

Exercise 2: Basic Linux service setup

Create a small linux machine (ubuntu) to perform the following tasks:

- Get ElasticSearch running in a docker container

- Check the health of ElasticSearch from the command line

Please deliver:

- A bash script we can execute on an empty Linux (ubuntu) machine

We will evaluate the output of the batch script with regards to the requirements stated.

Exercise 3: Linux problem solving

Please connect with a ssh client to the following machine as mentioned in the intro using you SSH key you provided to us.

We have an issue with redis on this machine. It's not starting. Please diagnose and solve the issue.

Please deliver:

- A short description of your troubleshooting process.

- Tell us what's wrong

- Explain what you did to fix it

We will validate the machine and check if redis is running now.

Exercise 4: Windows problem solving

Please connect with a ssh client to the following machine as mentioned in the intro using you SSH key you provided to us

We have an issue with the web application installed. When browsing to http://localhost/ we get a 503 exception. Please diagnose and solve the issue.

Please deliver:

- A short description of your troubleshooting process.

- Tell us what's wrong

- Explain what you did to fix it

We will validate the machine and check if the web application is running now.