How to connect to a Cloud Sandpit in AWS

Configuring your Sandpits · https://nayaone.com/lou0lh9x2qkjngmo3lq4nz09dxorxnzcz51dpqp8/sandpits-for-dev-en/how-connect-aws-cloud-sandpit/

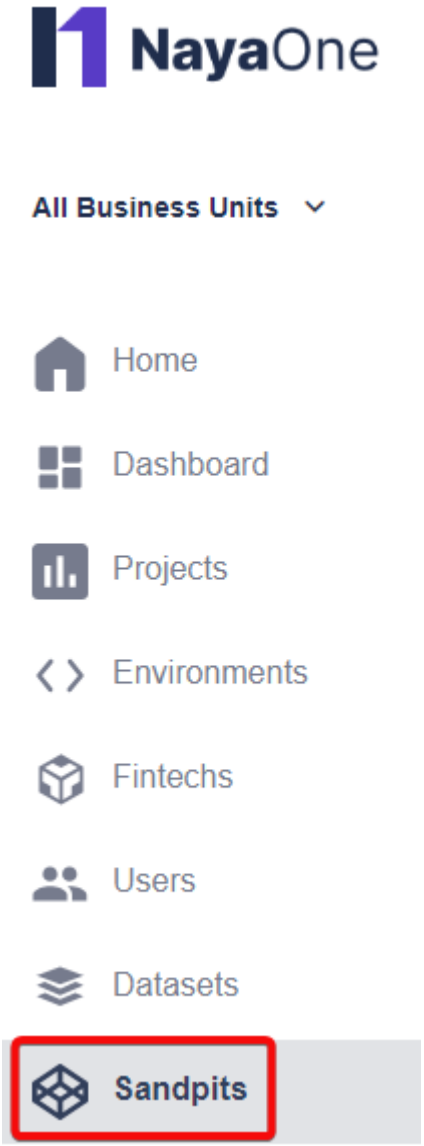
How to create and access a Cloud Sandpit using AWS to evaluate cloud-based solutions.

Reasons to use a Cloud Sandpit

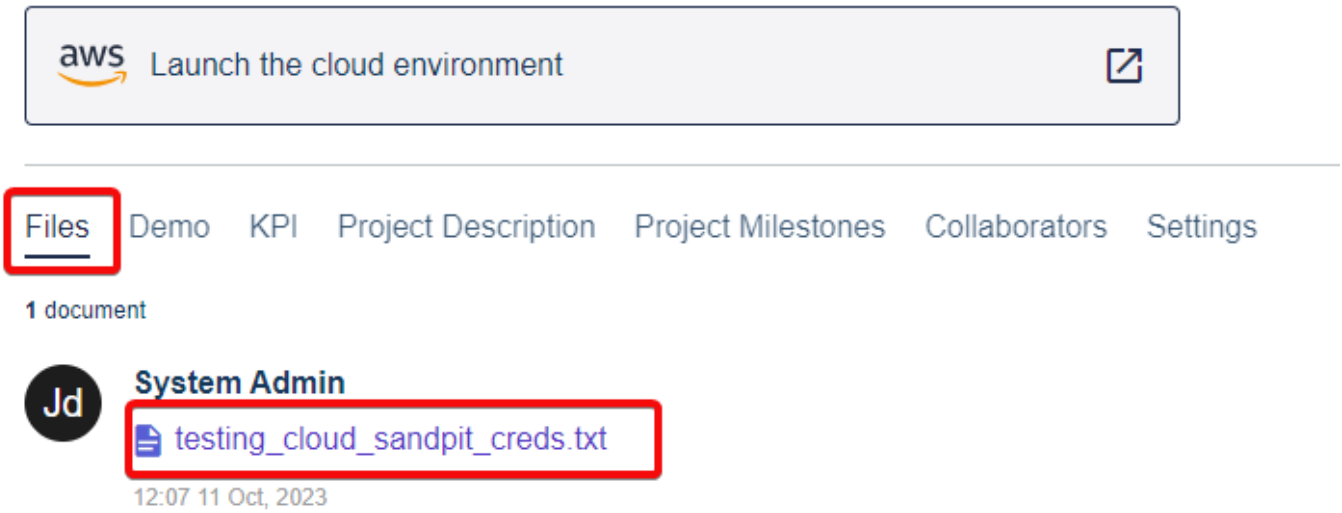
- **Automatic application of any necessary organisational security requirements for provisioning**
  For example, security features such as screen recording, limiting instance sizes, notifying admin when network connections to the internet are made, allowing custom IAM users to be created)
- **Only being accessible through an air-gapped environment**
  Allows additional controls to be applied as needed. For example, deactivating downloads and uploads, creating barriers between your network and cloud providers
- **Instant access to a secure cloud environment**
  Develop, prototype, and evaluate any solution that can be deployed on the cloud

How to connect to a Cloud Sandpit

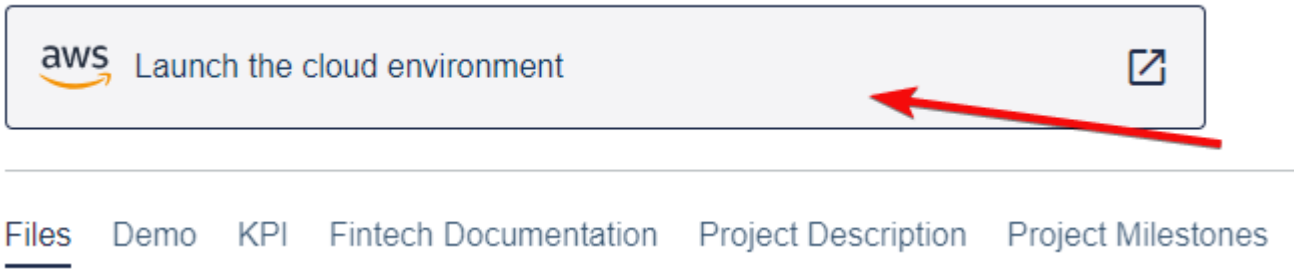
1. Click **Sandpits**:



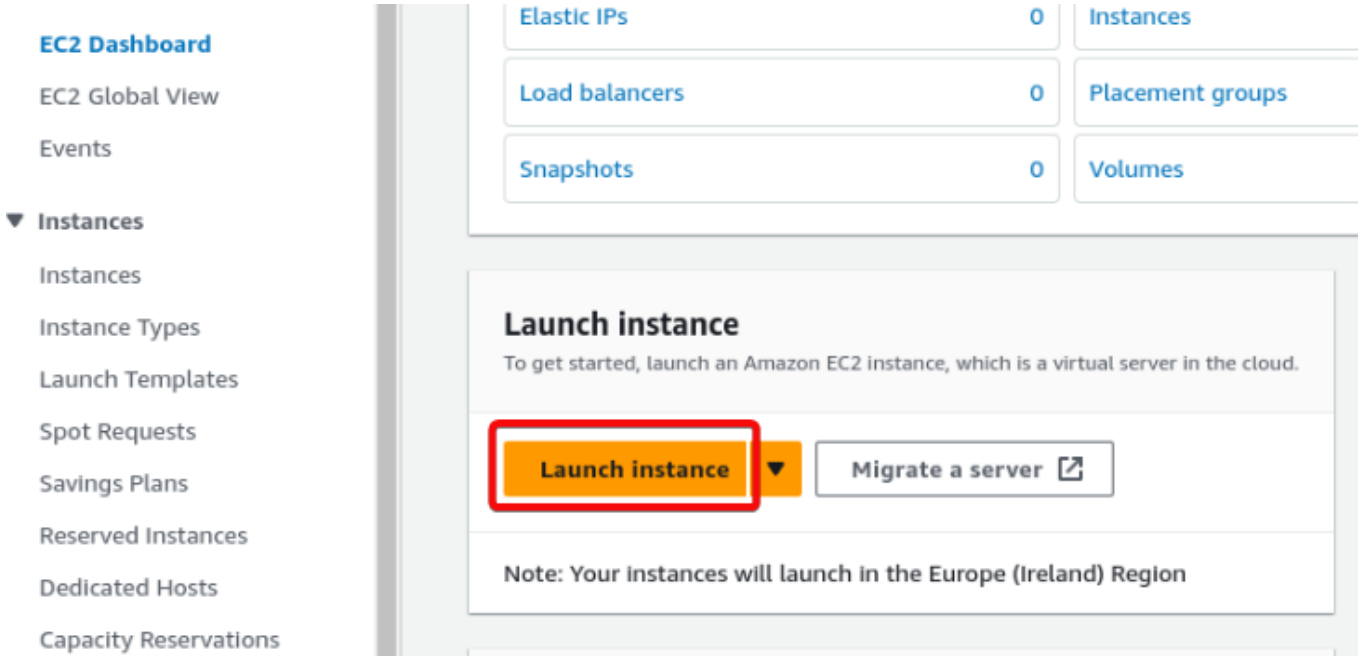
2. Select the Sandpit you want to connect to. Click the **Files** tab and open the **login credentials file**:



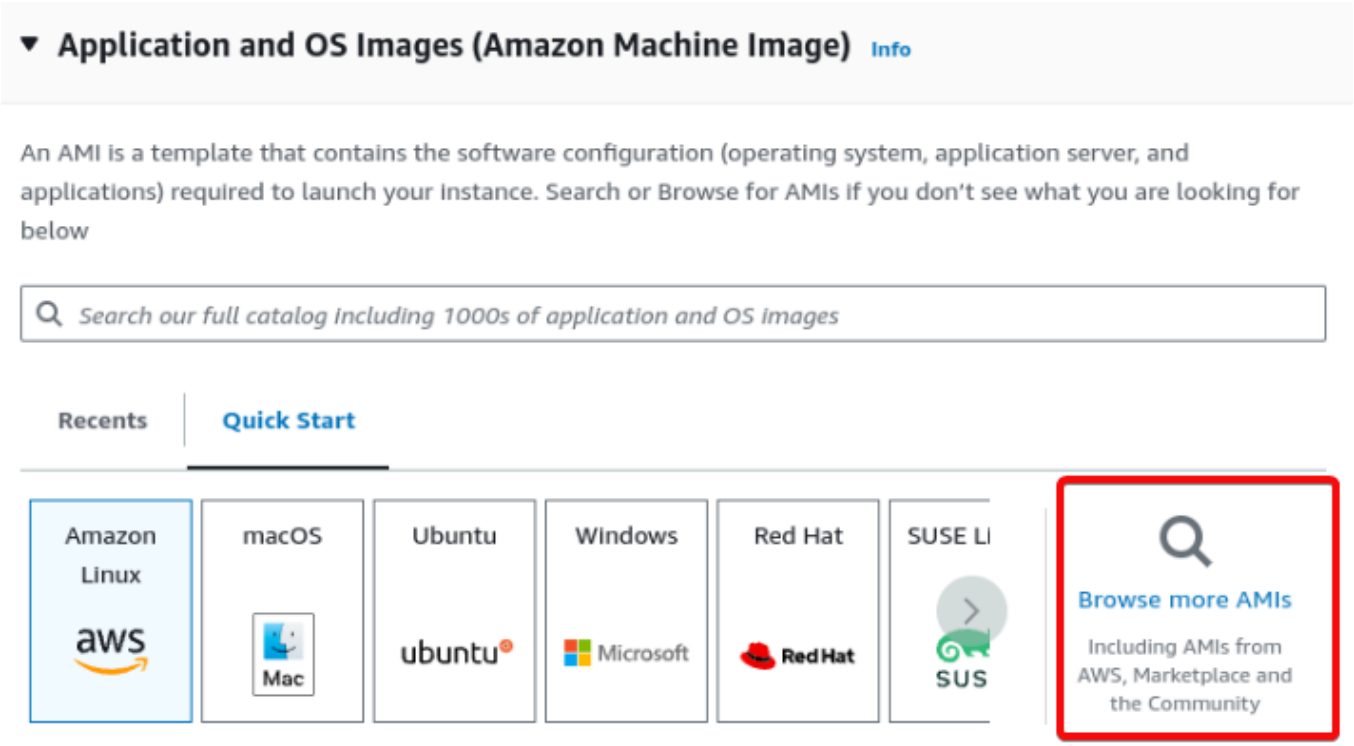
3. Click **Launch the cloud environment**:



4. **Login** to AWS
5. Let's configure computational resources with an EC2 instance. For this example we'll use a custom Amazon Machine Image (AMI), known as a Compute Sandpit. Click **Launch Instance**:



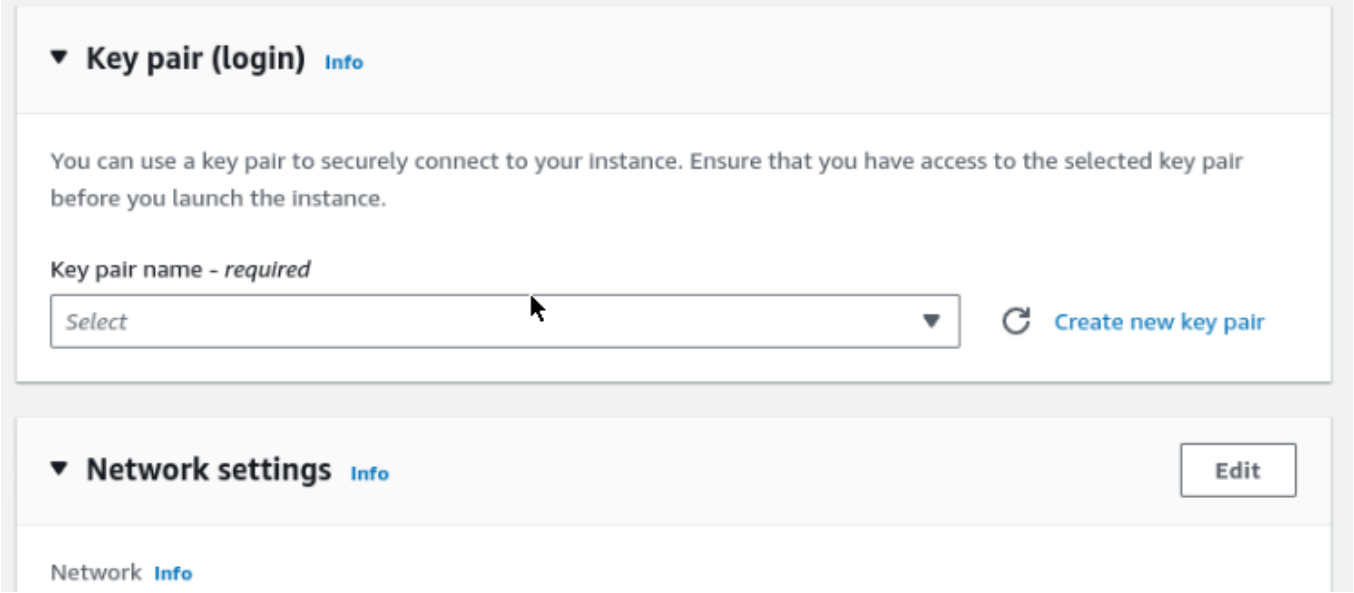
6. Click **browse more AMIs**:



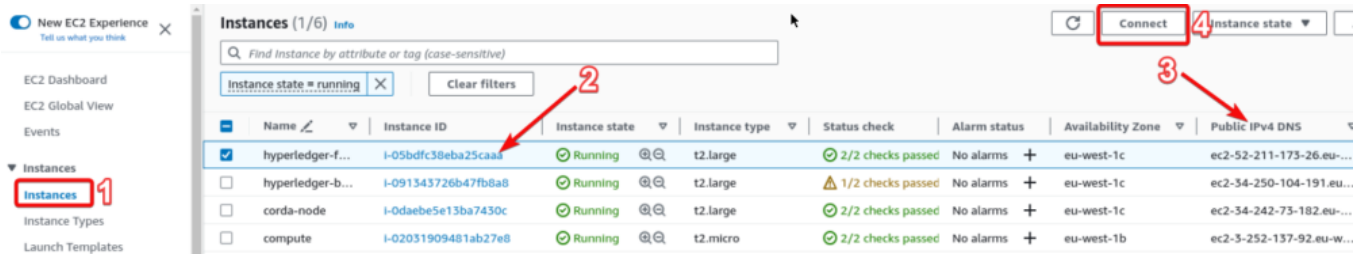
7. Click **My AMIs**, select the **Shared with me** filter, select **compute-sandpit-2**:



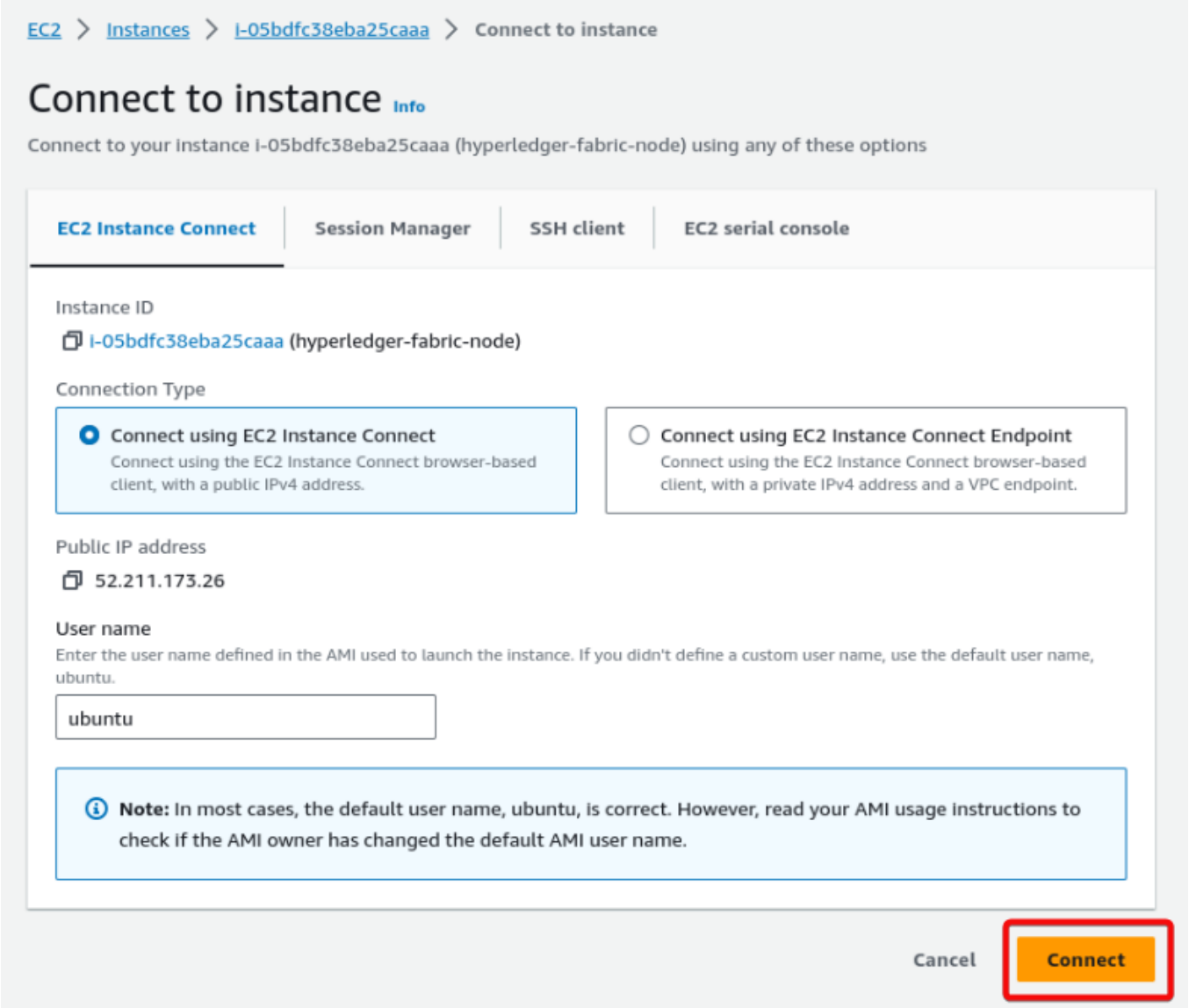
8. Scroll down to **Key pair (login)**. You can either create a key using the Key Management Service or select **Proceed without a key pair**:



9. Click **Launch instance**
10. Now let's **connect to the EC2 Instance**
11. Now:
    1. Click **Instances**
    2. Click the **EC2 node** you want to use
    3. Check it has a **public IPv4 DNS**
    4. Click **Connect**:



12. Click **Connect** to SSH into the node:



13. You're now connected to the Cloud Sandpit