# **EMRIC - Easily Manage Resources In Cloud**

## **Ansible Server**

### **Manually Deploy Ansible server from AWS Console on RedHat 9.x OS**

#### Create EC2 Instance:

##### Launch instances

##### Name and tags: ansible-server

##### Select RedHat AMI (Red Hat Enterprise Linux 9 (HVM), SSD Volume Type

##### Instance type: t2.medium

##### Select Key pair (login)

##### Select existing security group

##### Configure storage: 20GB gp3

##### Advanced details: IAM instance profile (select IAM role)

#### User Data:

##### #!/bin/bash

##### sudo useradd -m ansibleadmin

##### sudo echo "ansibleadmin ALL=(ALL) NOPASSWD: ALL" | sudo tee -a /etc/sudoers

##### su ansibleadmin

##### sudo yum install pip -y

##### sudo pip install ansible

##### sudo ln -sf /usr/local/bin/ansible /usr/bin/ansible

##### sudo dnf install -y https://s3.amazonaws.com/ec2-downloads-windows/SSMAgent/latest/linux\_amd64/amazon-ssm-agent.rpm

#### Installation, setup, and configuration Verification commands:

##### python -V

##### pip -V

##### ansible --version