

In Ansible Master executes below commands

```
# Update all packages that have available updates.  
sudo yum update -y
```

```
# Install Python 3 and pip.  
sudo yum install -y python3-pip
```

```
# Upgrade pip3.  
sudo pip3 install --upgrade pip
```

```
# Install Ansible.  
pip3 install "ansible==2.9.17"
```

```
# Install Ansible azure_rm module for interacting with Azure.  
pip3 install ansible[azure]
```

```
# Update all packages that have available updates.  
sudo yum update -y
```

```
# Install Python 3 and pip.  
sudo yum install -y python3-pip
```

```
# Upgrade pip3.  
sudo pip3 install --upgrade pip
```

```
# Install Ansible az collection for interacting with Azure.  
ansible-galaxy collection install azure.azcollection
```

```
# Install Ansible modules for Azure  
sudo pip3 install -r  
~/.ansible/collections/ansible_collections/azure/azcollection/requirements-  
azure.txt
```

Create Ansible credentials file

Create Role in Azure :

```
az ad sp create-for-rbac --name ansible
```

generated below data <<<app_id, name , password , tenant >>>

```
az role assignment create --assignee app_id --role contributor
```

Login into hosted nodes:

Create directory and in Azure :

```
mkdir ~/.azure  
vi ~/.azure/credentials
```

```
[default]
```

```
subscription_id=<subscription_id>  
client_id=< app_id >  
secret=< password >  
tenant=< tenant >
```

save this file

execute below commands

```
export AZURE_SUBSCRIPTION_ID=<subscription_id>  
export AZURE_CLIENT_ID=< app_id >  
export AZURE_SECRET=<password>  
export AZURE_TENANT=<tenant>
```

Execute below Ansible command in master nodes

```
ansible all -m ping
```