

P.Balaji 192211283

experiment 14

The screenshot shows the Microsoft Azure portal with a deployment overview for a VM named "CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231104101416". The status is "Your deployment is complete". Deployment details include a subscription for "Azure for Students" and a resource group named "balaji". The deployment started at 11/4/2023, 10:18:37 AM. A "Cost Management" sidebar is visible on the right.

The screenshot shows the Microsoft Azure portal with the "balaji" virtual machine details page. The machine is running in the "South India" location with an "Ubuntu 20.04" operating system. It has a public IP address of 20.219.105.63 and a private IP address of 10.0.0.5. The "Networking" section shows it is connected to a network interface named "balajie681".



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The screenshot shows the Azure portal interface for connecting to a virtual machine named 'balaji'. The 'Connect' blade is open, and a modal window titled 'SSH using Azure CLI' is displayed. The modal contains a step-by-step guide for configuring prerequisites, specifically for using system-assigned managed identity. It includes a note about running 'az login' to set up the account and a link to 'https://aka.ms/RegisterCloudShell' for unregistered subscriptions.

```
az ssh vm --resource-group balaji --vm-name balaji --subscription cdclbd4e-ab9a-41c9-a2ae-c0d81d9e220f
Subscription 'cdclbd4e-ab9a-41c9-a2ae-c0d81d9e220f' not recognized.
Please run 'az login' to setup account.
Storage fileshare subscription cdclbd4e-ab9a-41c9-a2ae-c0d81d9e220f is not registered to Microsoft.CloudShell Namespace. Please follow these instructions "https://aka.ms/RegisterCloudShell" to register. In future, unregistered subscriptions will have restricted access to CloudShell service.

balaji [ ~ ]$ az ssh vm --resource-group balaji --vm-name balaji --subscription cdclbd4e-ab9a-41c9-a2ae-c0d81d9e220f
Subscription 'cdclbd4e-ab9a-41c9-a2ae-c0d81d9e220f' not recognized.
Please run 'az login' to setup account.
balaji [ ~ ]$
```

The screenshot shows the 'Connect' blade for the same virtual machine 'balaji'. The blade lists various connection methods. Under the 'Native SSH' section, it notes that no additional software is required, private keys are needed, and it's best for existing SSH tool users. It also provides the public IP address (20.219.105.63).

Connecting using
Public IP address | 20.219.105.63

Admin username: azureuser

Port (change): 22 Check access

Just-in-time policy: Unsupported by plan

Recommended Most common

SSH using Azure CLI: Quickly connect in browser. Supports Azure AD authentication. Private key not required.
Public IP address (20.219.105.63)

Native SSH: No additional software needed. Private key required for connection. Best for those with existing SSH tools.
Public IP address (20.219.105.63)



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