

# U18ISI5006 - Cloud Computing Architecture

## Windows Instance creation using AWS

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Topic : Windows Instance creation using AWS

### 1. Launch Instance :

The screenshot displays the AWS Management Console interface for the 'New EC2 Experience'. The left sidebar shows navigation options like EC2 Dashboard, EC2 Global View, Events, Tags, Limits, and various instance types. The main content area shows a list of instances, with 'Labaws' (i-028b4819f7068ff85) selected. Below the list, the 'Instance: i-028b4819f7068ff85 (Labaws)' details are shown, including its state (Running), type (t2.micro), and various addresses. The 'Instance summary' section provides a comprehensive overview of the instance's configuration, including its ID, IP addresses, hostname, DNS names, VPC ID, and IAM role. The 'Instance details' section further specifies the platform (Windows), AMI ID, AMI name, launch time, and lifecycle information.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...
Labaws	i-028b4819f7068ff85	Running	t2.micro	2/2 checks passed	No alarms	us-east-1c	ec2-34-227-223-83.co...	34.227.223.83
AwsLab	i-065d441e909c1003c	Terminated	t2.micro	-	No alarms	us-east-1b	-	-

**Instance: i-028b4819f7068ff85 (Labaws)**

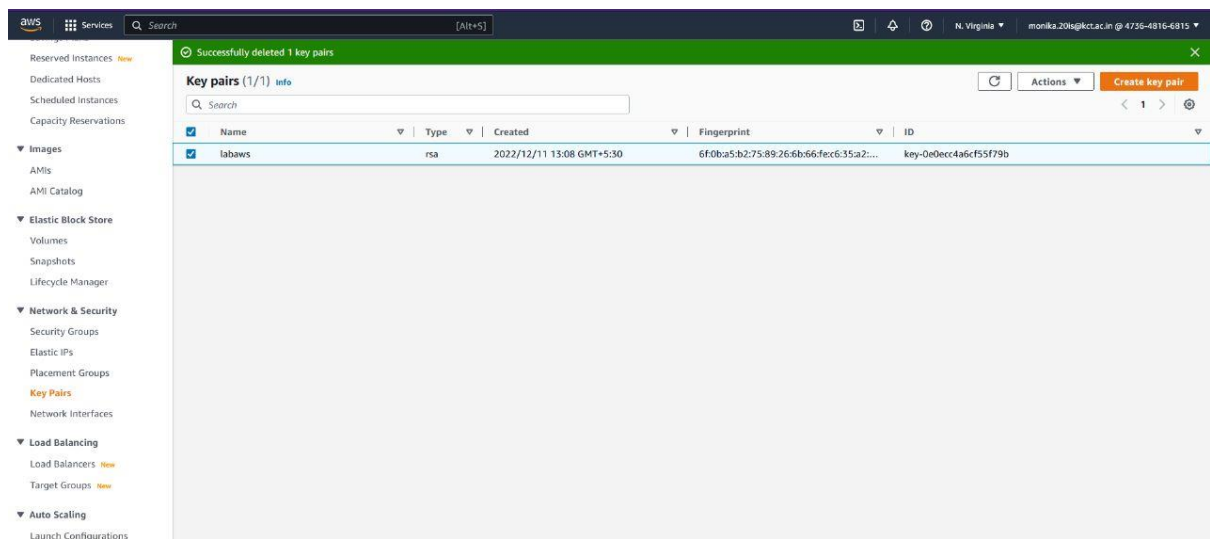
**Instance summary**

Instance ID: i-028b4819f7068ff85 (Labaws)  
Public IPv4 address: 34.227.223.83 | open address  
Private IPv4 addresses: 172.31.29.10  
Instance state: Running  
Public IPv4 DNS: ec2-34-227-223-83.compute-1.amazonaws.com | open address  
IPv6 address: -  
Private IP DNS name (IPv4 only): ip-172-31-29-10.ec2.internal  
Elastic IP addresses: -  
Hostname type: -  
IP name: ip-172-31-29-10.ec2.internal  
Answer private resource DNS name: IPv4 (A)  
Auto-assigned IP address: - It is taking a bit longer than usual to fetch your data  
IAM Role: -  
VPC ID: vpc-0442313de9b826a67  
Subnet ID: subnet-09dd40e968a2ab0d1  
Monitoring: disabled  
Termination protection: - It is taking a bit longer than usual to fetch your data  
AMI location: amazon/Windows\_Server-2016-English-Full-Base-2022.11.10  
Stop-hibernate behavior: -

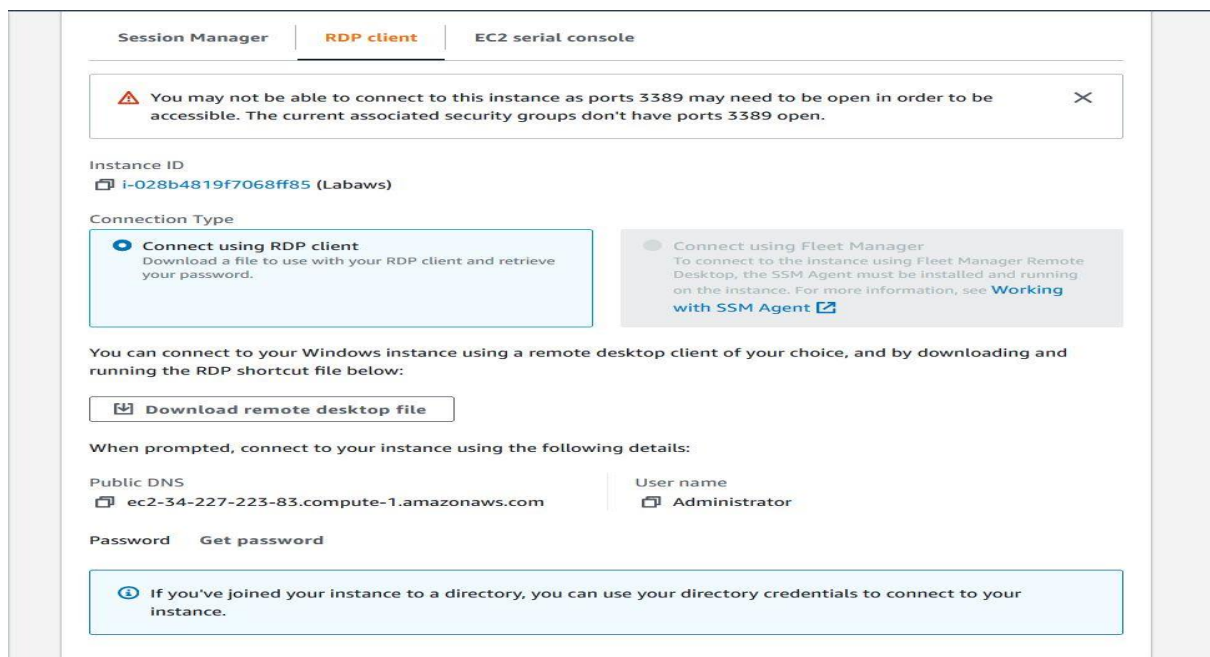
**Instance details**

Platform: windows  
AMI ID: ami-029bf1f640b75afe0  
AMI name: Windows\_Server-2016-English-Full-Base-2022.11.10  
Launch time: Sun Dec 11 2022 13:09:33 GMT+0530 (India Standard Time) (10 minutes)  
Lifecycle: -

## 2.Key pair :



## 3.RDP connect:

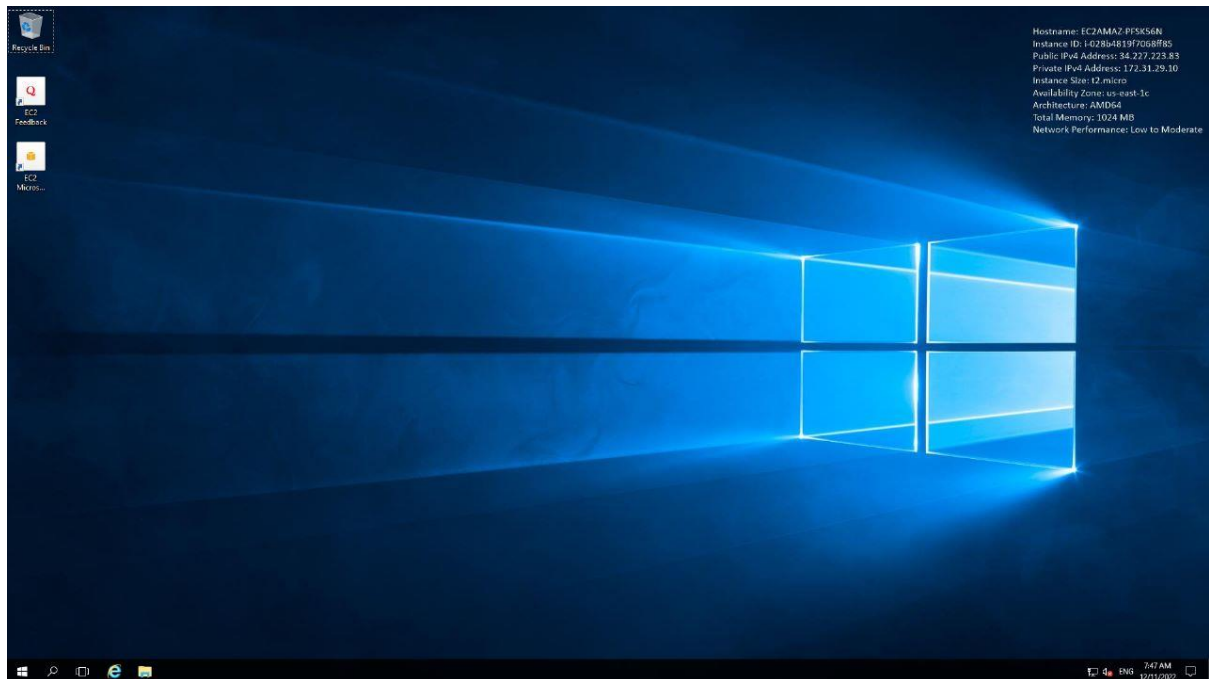


Password generated after importing pem key :

p??Iku=I&y4Y@ahTaeky9hs7-WCxCuId

Downloaded the rdp file and connection is established

## 4.Windows Instance connected :



Using command to verify windows is connected :

Ipconfig

