

NodeJS

Version:	1.0.0
Created by:	cloudimg

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1.) Overview

This document is provided as a user guide for the NodeJS product offering on the AWS Marketplace. Please reach out to support@cloudimg.co.uk if any issues are encountered following this user guide for the chosen product offering.

2.) Access & Security

Please update the security group of the target instance to allow the below ports and protocols for access and connectivity.



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Protocol	Type	Port	Description
RDP	TCP	3389	Remote Desktop Access

3.) System Requirements

The minimum system requirements for the chosen product offering can be found below

Minimum CPU	Minimum RAM	Required Disk Space
1	1 GB	30GB

4.) Connecting to the Instance

Once launched in the Amazon EC2 Service, please connect to the instance via an RDP client using the **Administrator** user. Please allow the EC2 Instance to pass 2/2 status checks before connecting via RDP to allow the system enough time to complete the boot process.

To obtain the randomly generate password on boot for the Administrator user, please follow the below steps in the AWS Console.

Log into the Target AWS Account > Select the region of which was chosen to host the newly launched cloudimg AMI



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Select EC2

The screenshot shows the AWS Management Console for the EC2 service. The left sidebar contains navigation links for EC2 Dashboard, EC2 Global View, Events, Tags, Limits, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Scheduled Instances, Capacity Reservations, Images, AMIs, AMI Catalog, Elastic Block Store, Volumes, Snapshots, and Lifecycle Manager. The main content area is titled 'Resources' and shows a summary of EC2 resources in the US East (N. Virginia) Region. The summary includes: Instances (running) 1, Dedicated Hosts 0, Elastic IPs 0, Instances 1, Key pairs 12, Load balancers 0, Placement groups 0, Security groups 2, Snapshots 863, and Volumes 1. Below the summary, there is a 'Launch instance' button, a 'Migrate a server' button, and a 'Service health' section showing the status of the service. The 'Zones' section shows the available zones in the region.

Select Instances (running)

The screenshot shows the AWS Management Console for the EC2 service, specifically the 'Instances (1/1) Info' page. The page displays a list of instances, with the instance 'cloudimg-windows-server' selected. The instance details are shown, including the Instance ID, Public IPv4 address, Private IPv4 addresses, Instance state, Hostname type, Private IP DNS name, Instance type, VPC ID, and Auto-assigned IP address. The 'Instance summary' section provides a quick overview of the instance's configuration and status.

Search for the newly launched EC2 Instance

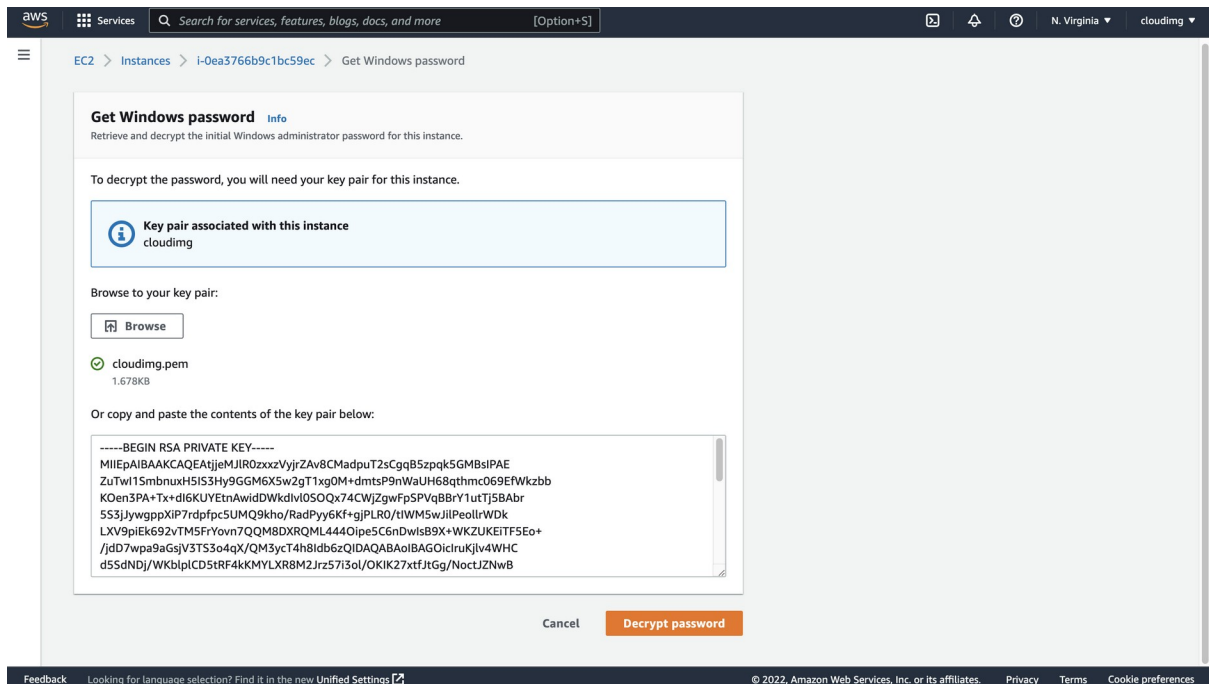
Select the Radio button above for the instance

Click Actions > Security > Get Windows password

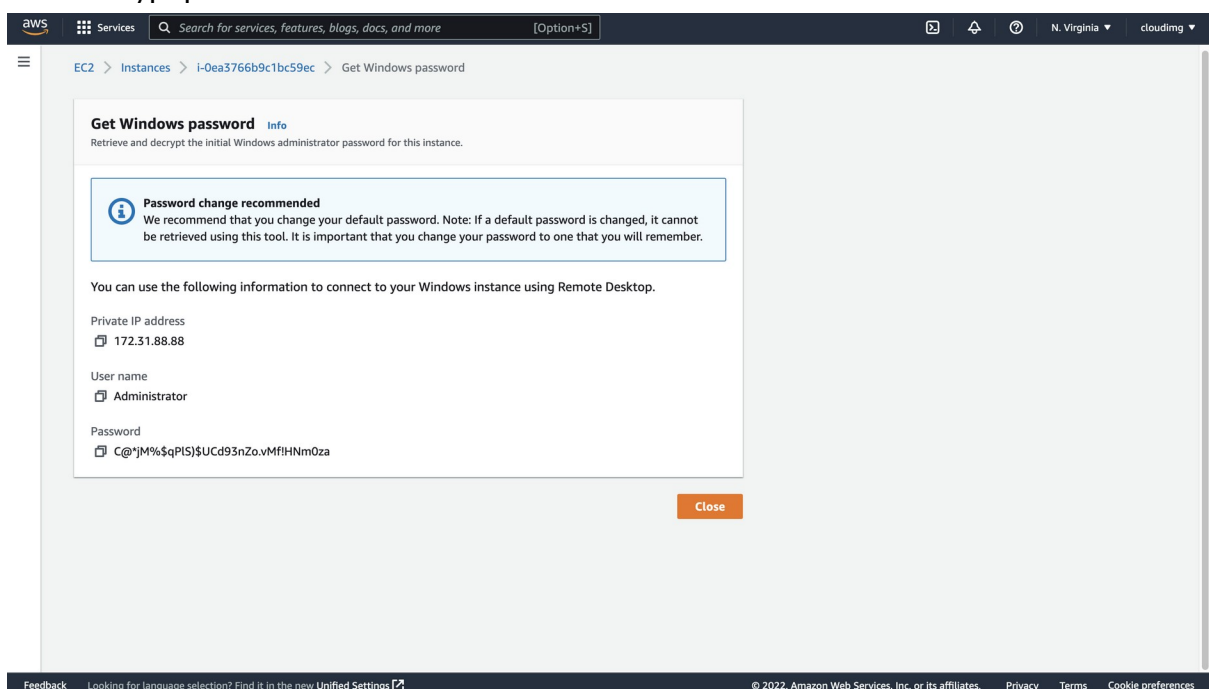


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Click Browse and upload the key pair selected during the launch of the EC2 instance from the AWS Marketplace.
Click Decrypt password

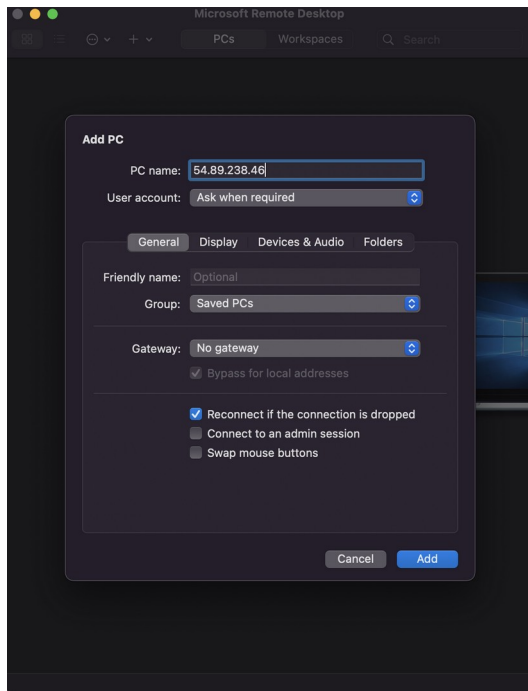


The Administrator password will now appear in plain text like the above example. Take a copy of this value and open a Remote Desktop Client Application.



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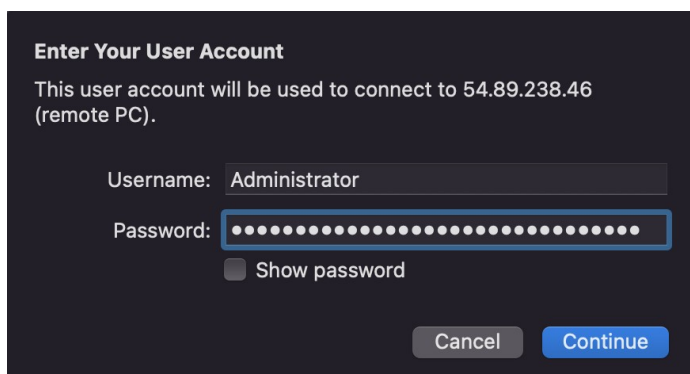
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Create a new connection and enter the IP address of the newly launched EC2 Instance. For this example, the public IP address will be used as the server has been launched in a public subnet. Use the private IP address where applicable for your environment if you have a private connection into the AWS VPC of which hosts the EC2 Instance. These Private connections often take the form of a VPN connection.

Click Add

Once added, double click the connection profile created in the above step, you will be prompted for a username & password. Enter the below values.



Username: Administrator

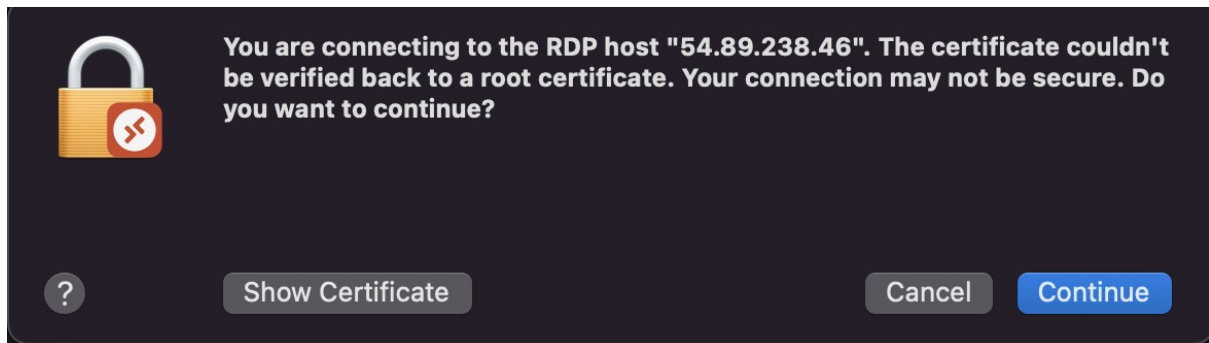
Password: DECRYPTED VALUE RETRIEVED FROM THE ABOVE STEPS

Click Continue

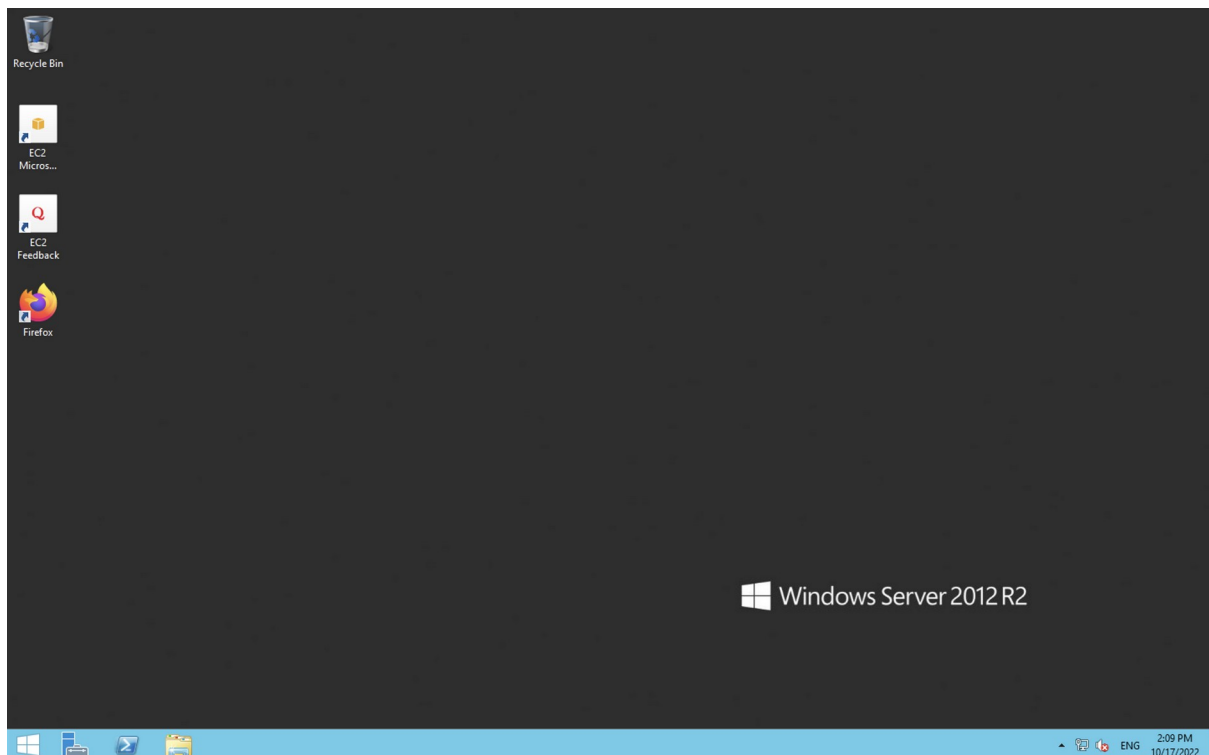


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Click Continue if a pop up like the above appears.



You have now successfully connected to the Windows Server hosted in AWS.

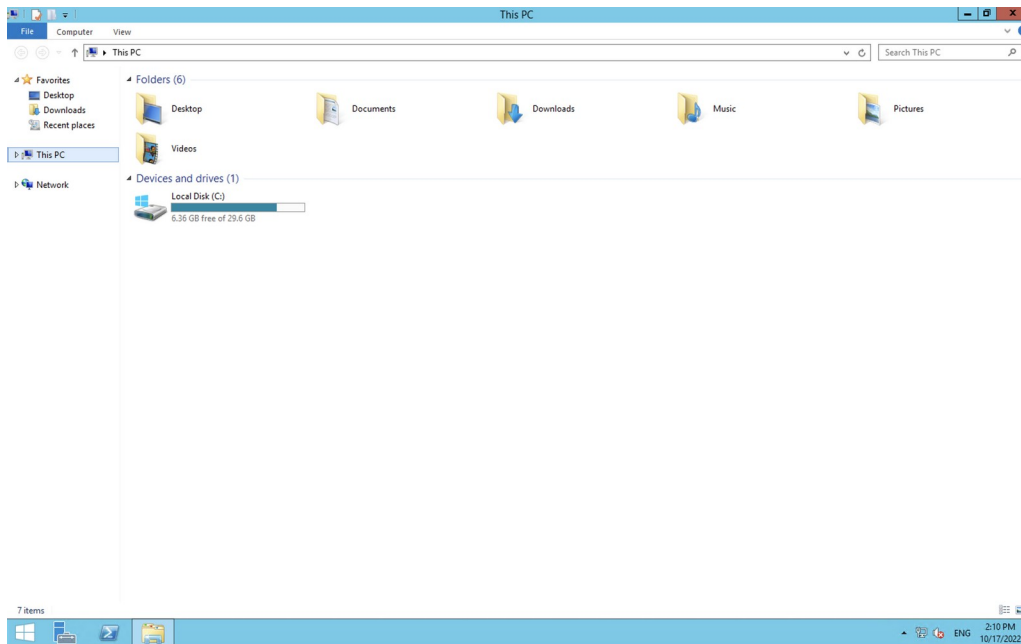
5.) Filesystem Configuration

Please see below for a screenshot of the server disk configuration and specific mount point mappings for software locations.



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6.) Server Components

Please see below for a list of installed server components.

Component	Version
NodeJS	Various

7.) Using System Components

Instructions can be found below for using each component of the server build mentioned in section 7 of this user guide document.

NodeJS

Preinstalled and available for use via the Desktop icon.



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```
Welcome to Node.js v20.12.2.  
Type ".help" for more information.  
> _
```



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