

# Neo4j

Version:	1.0.0
Created by:	cloudimg

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## 1.) Overview

This document is provided as a user guide for the Neo4j product offering on the AWS Marketplace. Please reach out to [support@cloudimg.co.uk](mailto: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
TCP	TCP	7474	Neo4j Front End Console

### 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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**Console Home** Info

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**AWS Health** Info

Open issues: 0 (Past 7 days)

Scheduled changes: 0 (Upcoming and past 7 days)

**Cost and usage** Info

Current month costs: **\$55.04**

Forecasted month end costs: **\$103.38** (Up 5% over last month)

**Top costs for current month**

Service	Cost
EC2 - Other	\$40.90
Tax	\$9.17
Amazon Simple Storage Service	\$3.20

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## Select EC2

**Resources** EC2 Global view

You are using the following Amazon EC2 resources in the US East (N. Virginia) Region:

Resource	Count
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
Volumes	1

**Launch instance**

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

[Launch instance](#) [Migrate a server](#)

Note: Your instances will launch in the US East (N. Virginia) Region

**Scheduled events**

US East (N. Virginia)

**Service health**

Region: US East (N. Virginia)

Status: [AWS Health Dashboard](#)

[This service is operating normally](#)

**Zones**

Zone name	Zone ID
us-east-1a	use1-az6

**Account attributes**

Supported platforms [\[?\]](#)

- VPC

Default VPC [\[?\]](#)

vpc-07e0f3e58d8ba1a40

Settings

- EBS encryption
- Zones
- EC2 Serial Console
- Default credit specification
- Console experiments

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T4g instances deliver the best price performance for burstable general purpose workloads in Amazon EC2. [Learn more](#)

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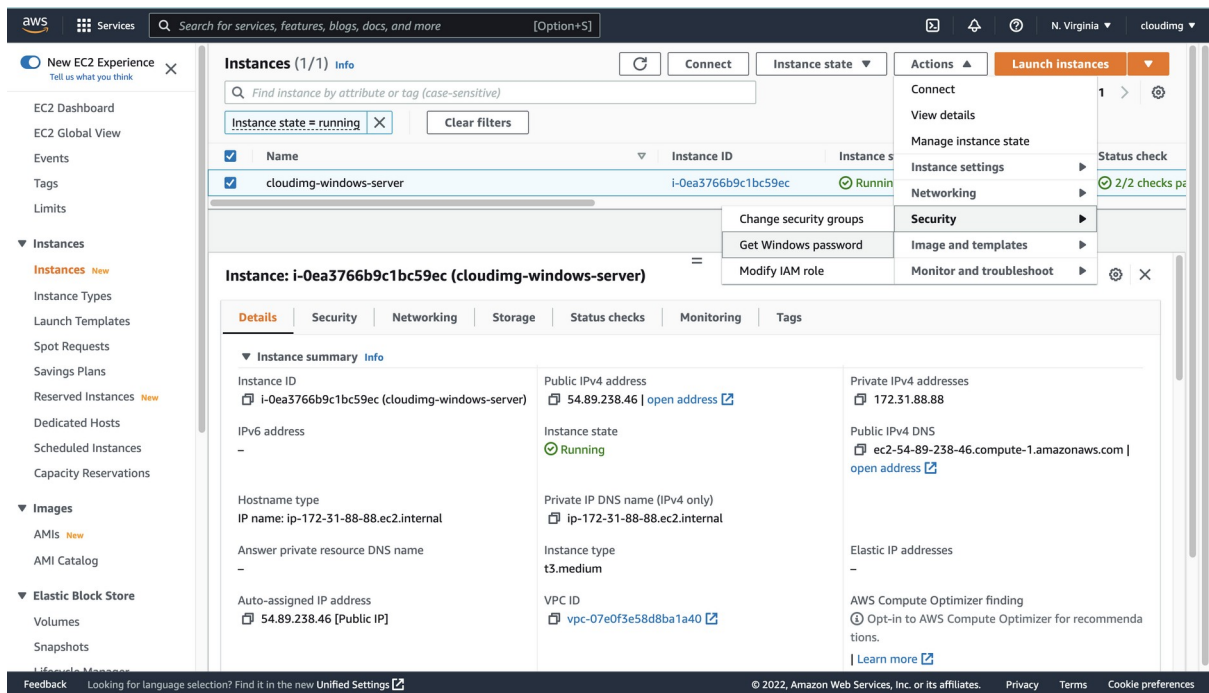
<https://console.aws.amazon.com/console/home?region=us-east-1> Unified Settings [\[?\]](#) © 2022, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

## Select Instances (running)

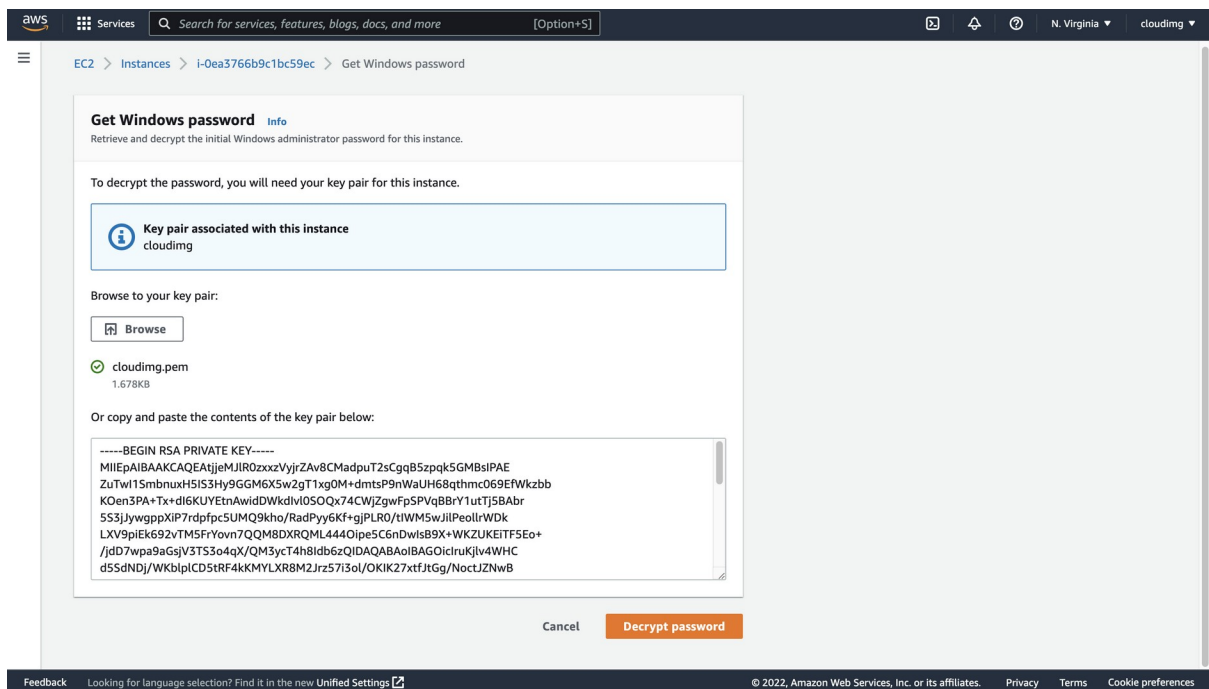


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Search for the newly launched EC2 Instance  
 Select the Radio button above for the instance  
 Click Actions > Security > Get Windows password

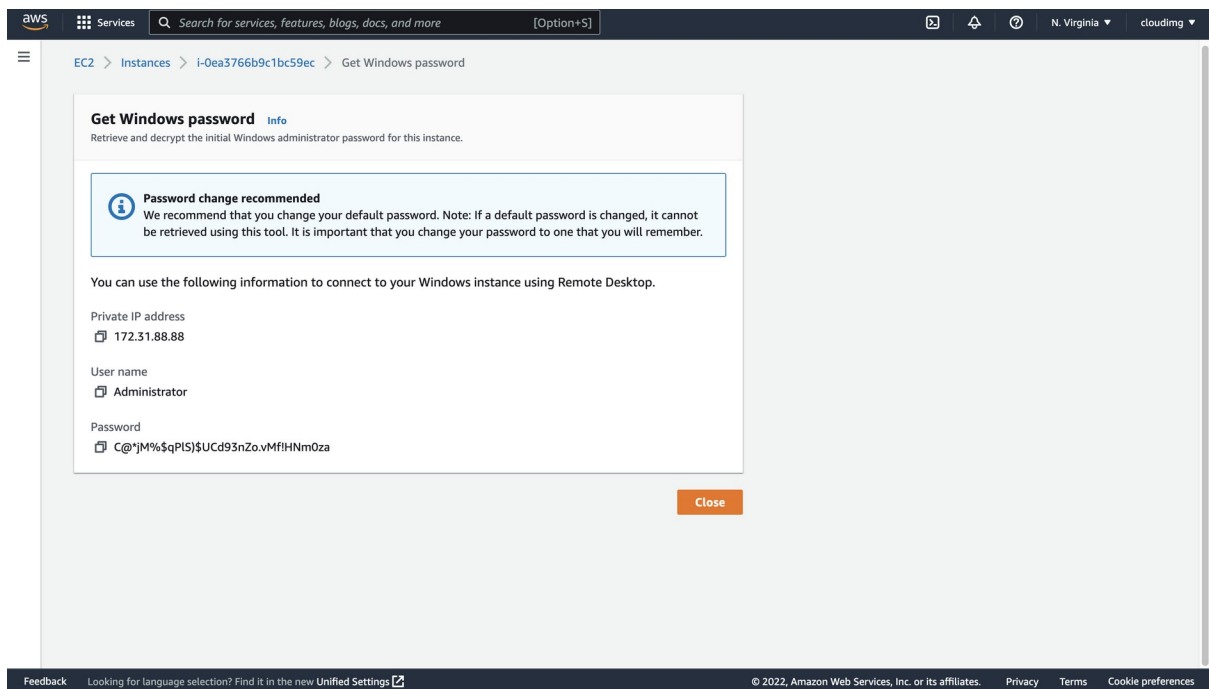


Click Browse and upload the key pair selected during the launch of the EC2 instance from the AWS Marketplace.  
 Click Decrypt password

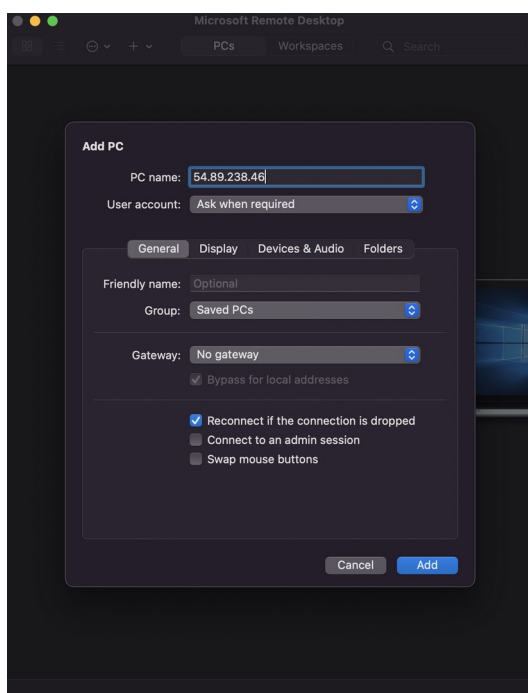


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The Administrator password will now appear in plain text like the above example. Take a copy of this value and open a Remote Desktop Client Application.



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.

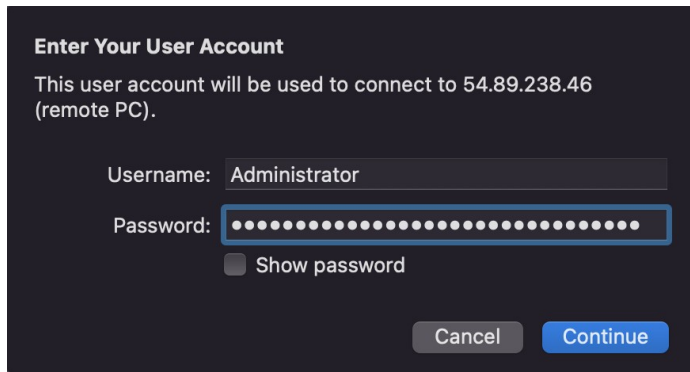


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Click Add

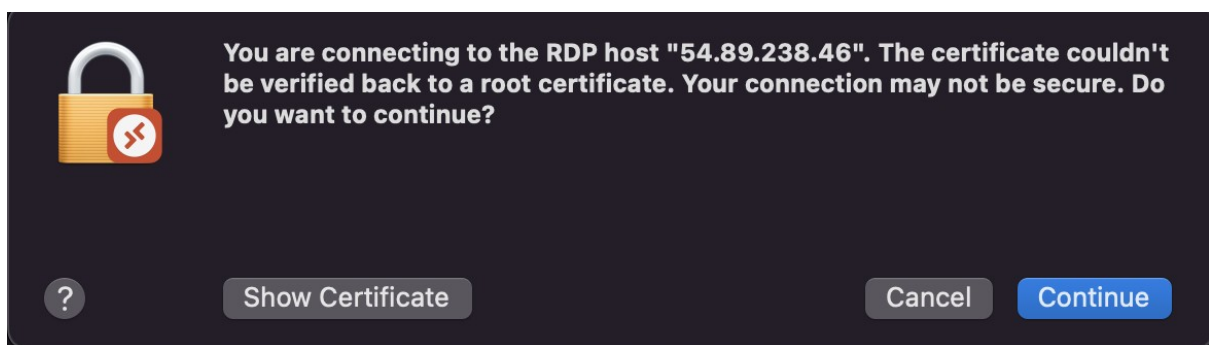
Once added, double click the connection profile created in the above step, you will be prompted for a username & password. Enter the below values.



**Username: Administrator**

**Password: DECRYPTED VALUE RETRIEVED FROM THE ABOVE STEPS**

Click Continue

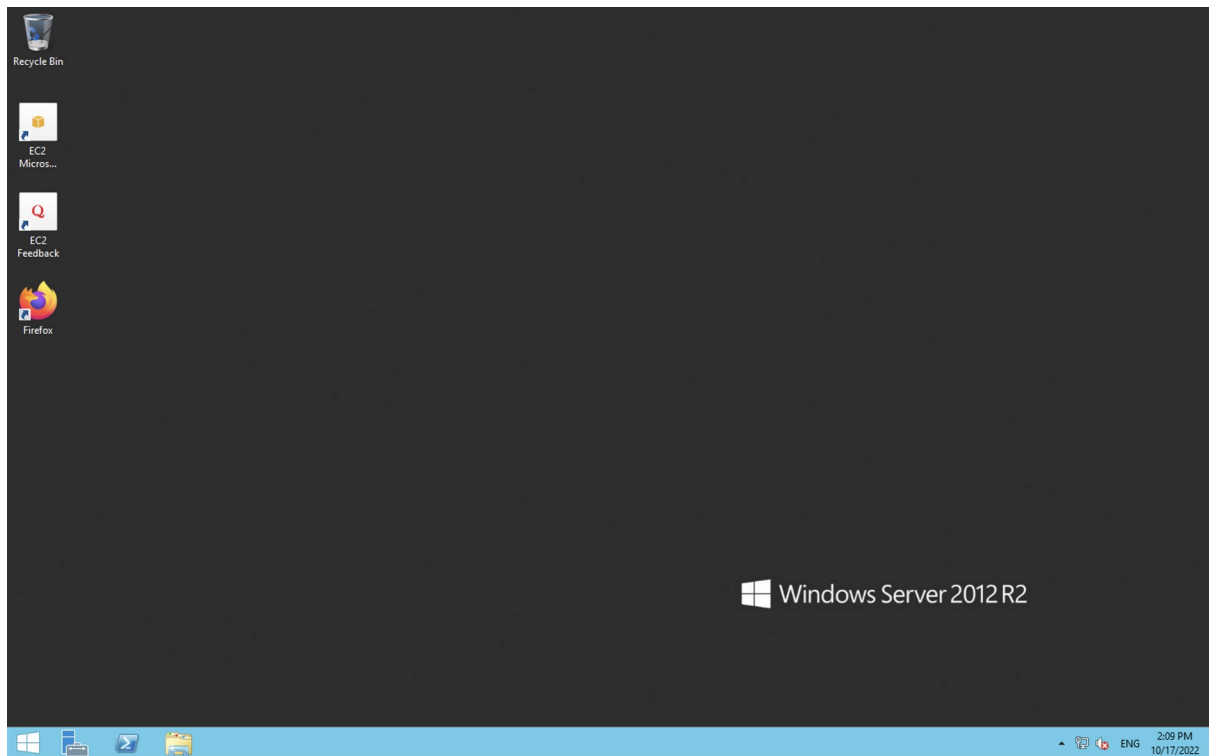


Click Continue if a pop up like the above appears.



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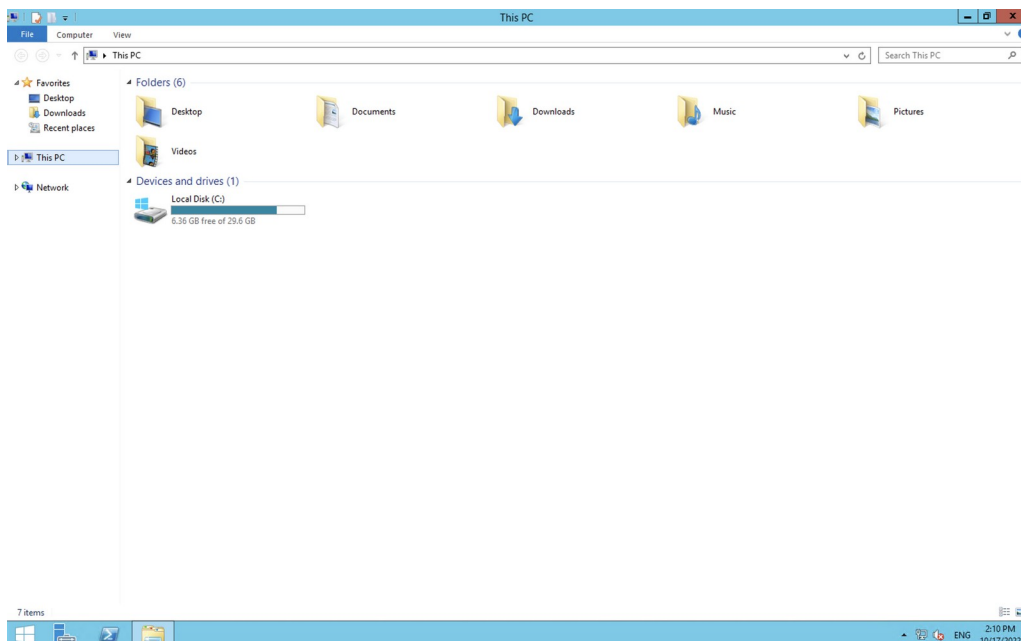
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You have now successfully connected to the Windows Server hosted in AWS.

## 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
Neo4j	Various

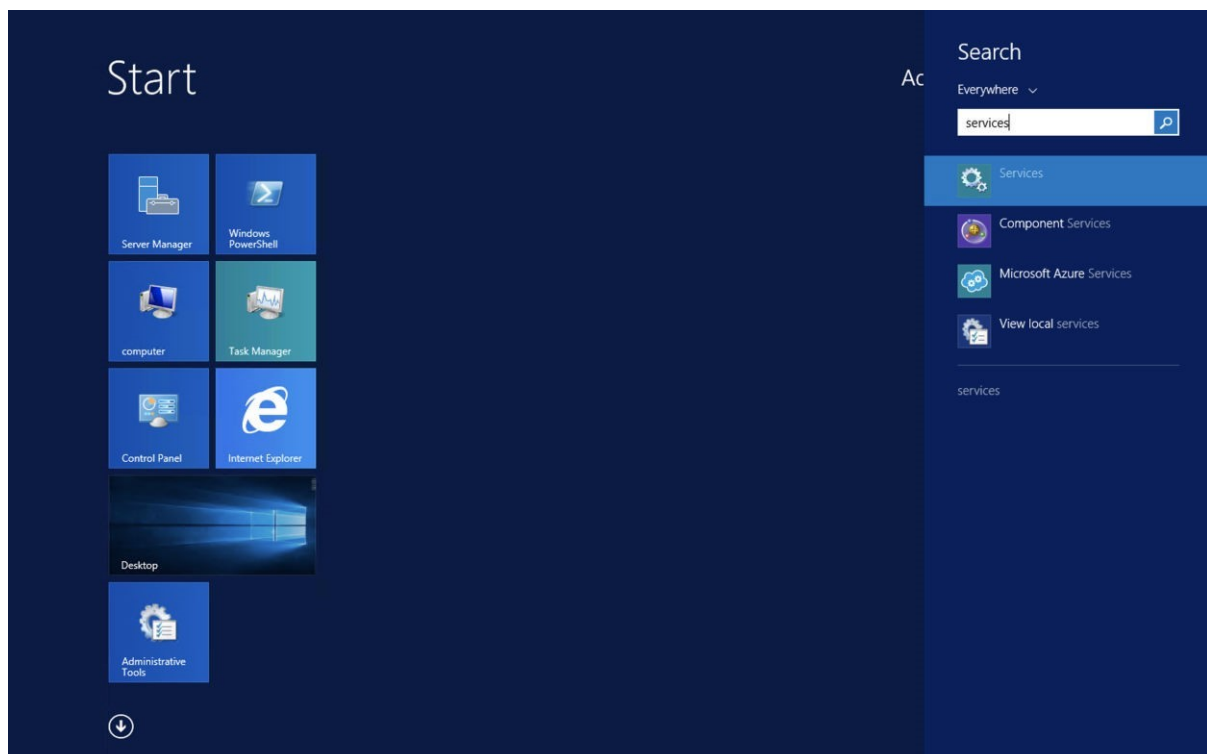
## 7.) Using System Components

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

### Neo4J

The neo4j database service has been configured to start on boot via a Windows Service. You can stop, start or check the status of the neo4j service by following the below steps.

From the Windows Start Menu > Search for Services



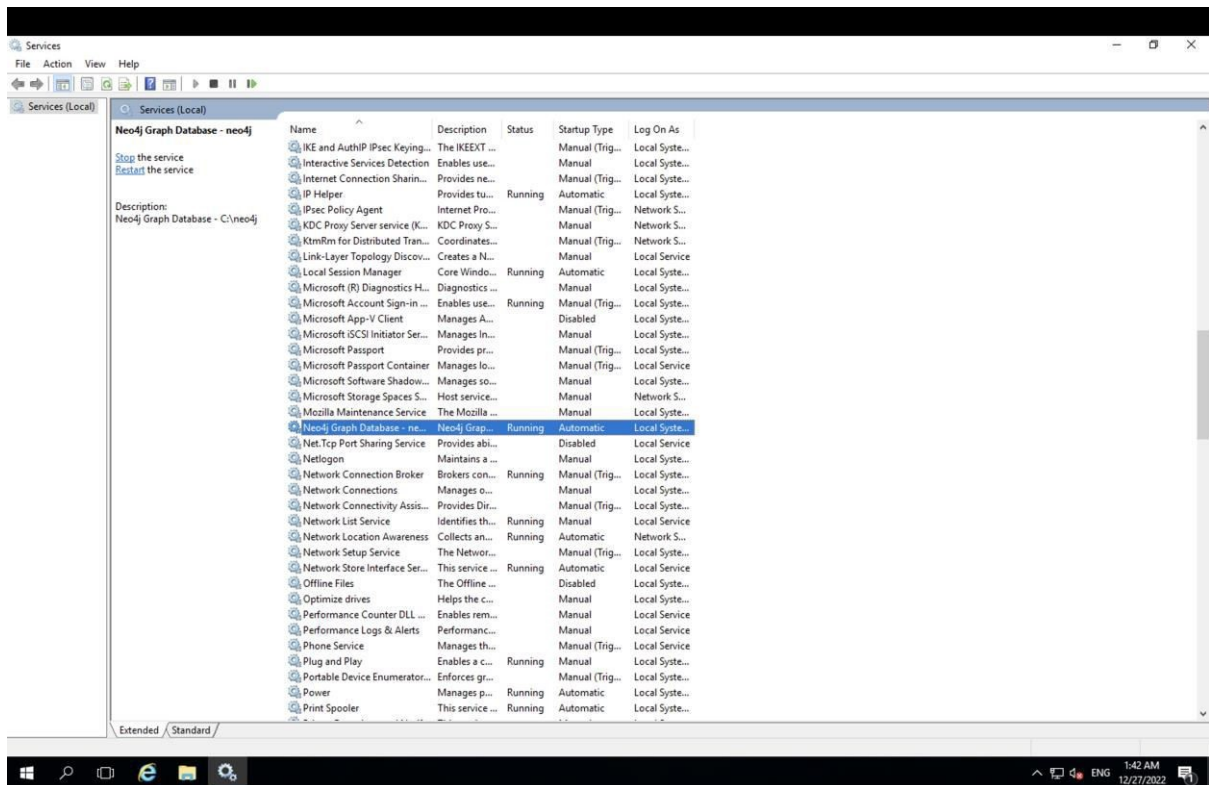
Click Services



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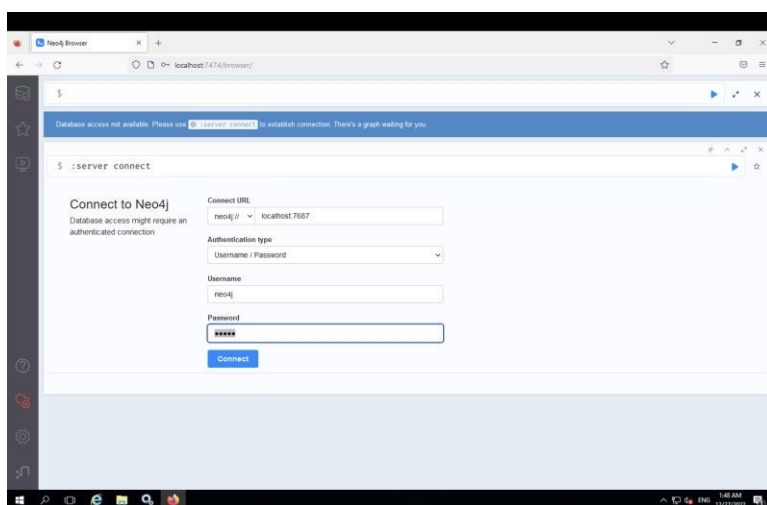


Search for the Service – Neo4j\* > Double Click

From the above menu you can reconfigure the service to not start on boot, stop, start and or restart the service manually.

On boot, the Neo4j front end application can be accessed from the below URL from the instance Firefox/Internet Explorer web browsers.

localhost:7474



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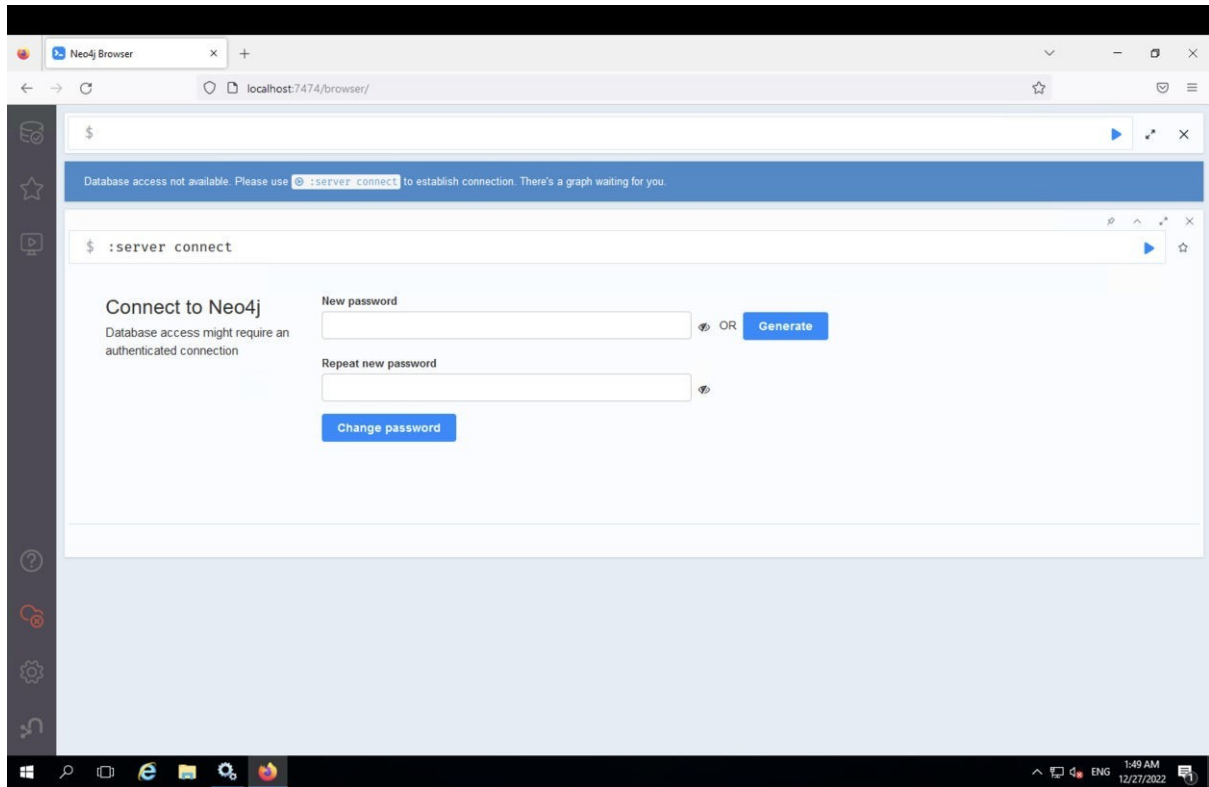
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The default username and password can be found below

Username – neo4j

Password – neo4j

Click Connect



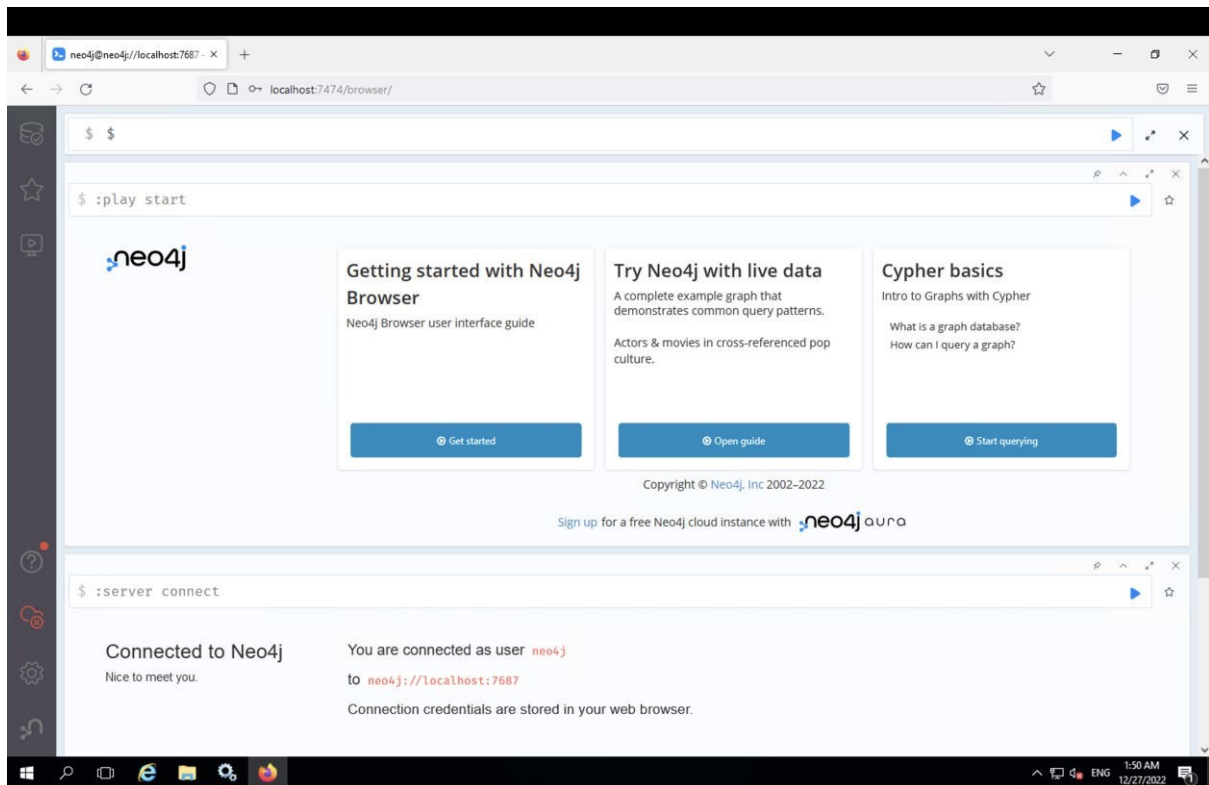
You will not be prompted to change the default password for the neo4j username. Please enter your preferred value.

Click Change password



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Neo4j is now ready for use as per your requirements.



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