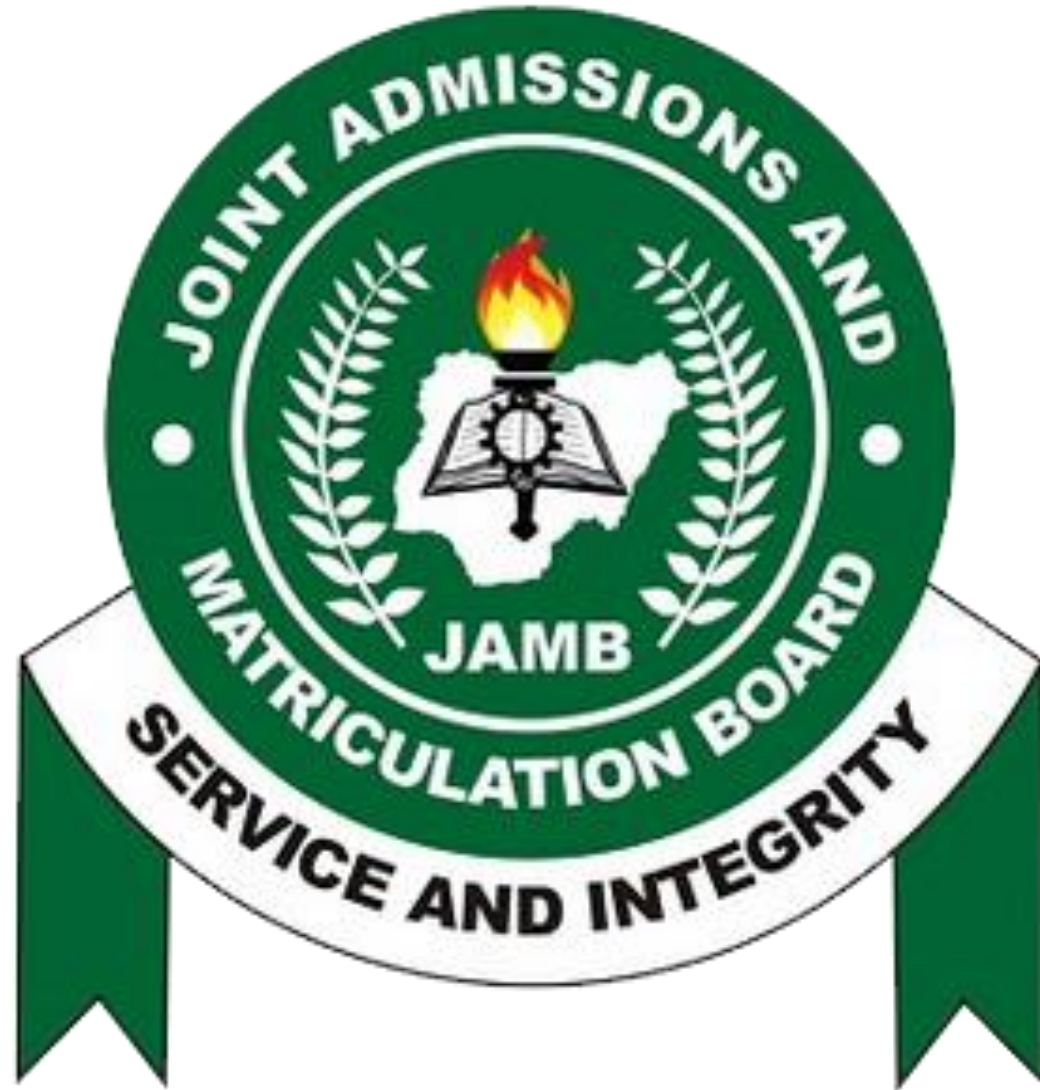


JAMB TEST 2.0

USER MANUAL



Introduction

Welcome to JAMB Test 2.0, the board's official network simulation and asset verification platform.

https://jamb.gov.ng/Softwares/2027/jamb-test-consoleV_2.0.1.zip

or

[Click to download](#)

SERVER REQUIREMENTS

For the system you wish to configure as a server please pay attention to the following requirements:

1. Must be windows 10 or later
2. Must have node js 22 or later installed.
3. Have a minimum of 8gb ram
4. Equipped with LAN port or Gigabit ethernet adapter
5. Must be on power throughout the duration of the network test
6. Must have sleep mode turned off to ensure systems are not disconnected whilst the network test is on.

CLIENT REQUIREMENTS

The client systems in your centre should meet the following requirements

1. Must be windows 10 or later
2. Must have sleep mode turned off to prevent system disconnection during a network test.

IMPORTANT INFORMATION

01

The JAMB Test console is both an asset declaration and a network assessment tool. It is expected that every computer is duly registered, including backup computers.

02

The capacity from the JAMB CMS cannot be changed here, except by management's approval.

03

Computers that have been registered in a centre cannot be registered in another centre.

This will result in an infraction and both centres' affected computers will be hot-listed.

JAMB TEST COMPONENTS

Contained inside the JAMB TEST console zip folder are three seprate but interrelated files.

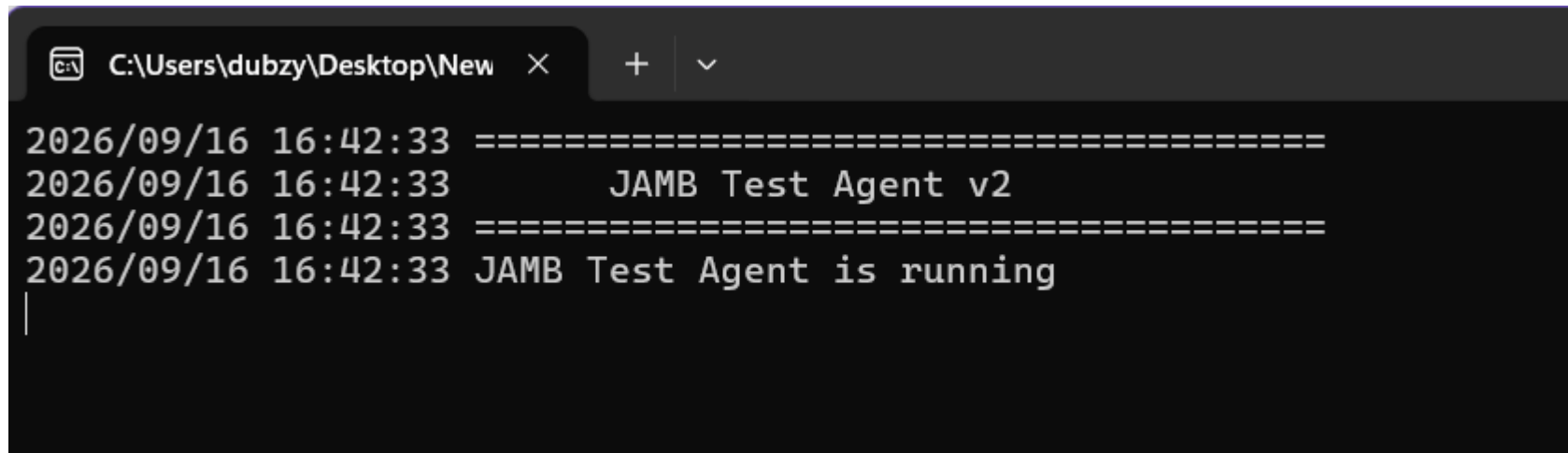
1. Jamb Test Admin: This is the administrative centre for registering computers and conducting Network Tests.
2. Jamb Test DB: This is the data repository for storing computer information, network tests and network tests responses.
3. Jamb Test Agent: This is a system information harvesting tool to farm out system properties and communicate same to the jamb test admin.

Name	Date modified	Type	Size
 jamb-test-agent	9/7/2026 08:14	Application	9,252 KB
 jamb test db	9/16/2026 16:10	File folder	
 jamb test admin	9/16/2026 16:24	File folder	

SETTING UP THE CLIENT

On the client computers, copy the “**JAMB TEST AGENT**” and paste it anywhere on the computer, preferably the desktop and run it.

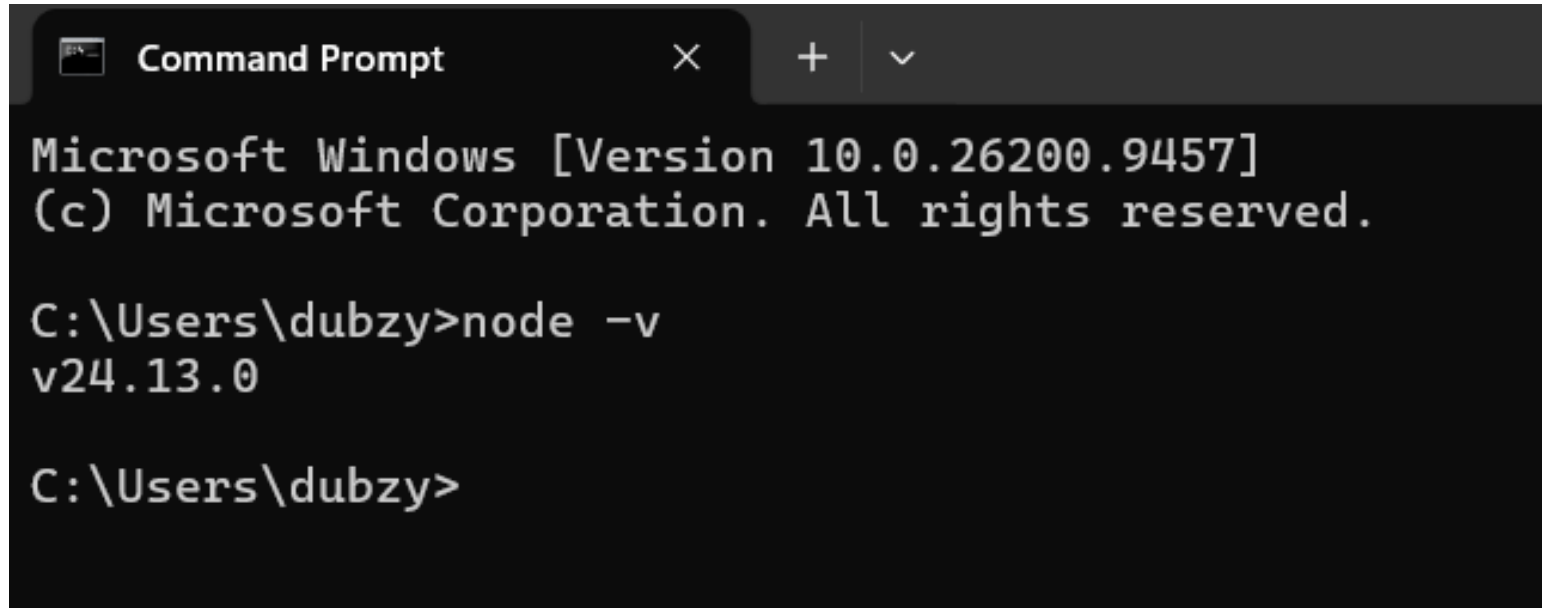
The JAMB Test agent is expected to keep on running throughout the network test.

A screenshot of a Windows command prompt window. The title bar shows the file path 'C:\Users\dubzy\Desktop\New' and standard window controls. The command prompt displays the following text:

```
2026/09/16 16:42:33 =====  
2026/09/16 16:42:33          JAMB Test Agent v2  
2026/09/16 16:42:33 =====  
2026/09/16 16:42:33 JAMB Test Agent is running  
|
```

SETTING UP THE SERVER

1. Copy the Jamb Test Admin and Jamb Test DB to the machine intended to be used as server.
2. Make sure Node JS is already installed. The installation of Node JS can be confirmed by opening command prompt and typing “**node -v**”

A screenshot of a Windows Command Prompt window. The title bar at the top says "Command Prompt" with standard window controls. The text inside the window shows the Windows version information: "Microsoft Windows [Version 10.0.26200.9457] (c) Microsoft Corporation. All rights reserved." Below this, the command "C:\Users\dubzy>node -v" has been entered, and the output "v24.13.0" is displayed. The prompt "C:\Users\dubzy>" is shown again on the next line, indicating the command has been executed.

```
Microsoft Windows [Version 10.0.26200.9457]
(c) Microsoft Corporation. All rights reserved.

C:\Users\dubzy>node -v
v24.13.0

C:\Users\dubzy>
```

Running the database engine

After verifying that the Node JS is up and running the next thing is to run the database app. Open the **jamb test db** folder and run the **jamb-test-db.exe** file.

Name	Date modified	Type	Size
database	9/16/2026 16:02	File folder	
jamb-test-db	9/16/2026 11:03	Application	30,592 KB

The following message should display on the screen

```
C:\Users\dubzy\Desktop\New 2026/09/16 16:48:04 JAMB TEST DB is running
```

Running the JAMB Test Admin

Once the jamb test db is up and running, the next thing to run is the Jamb Test Admin

Name	Date modified	Type	Size
JAMB-TEST-WEB	9/16/2026 16:14	File folder	
start-server	9/11/2026 12:26	Windows Batch File	1 KB

```
C:\Windows\system32\cmd.e: X + v
=====
JAMB TEST WEB
=====

Changing to application directory...
Directory:
C:\Users\dubzy\Desktop\New folder\jamb test admin\JAMB-TEST-WEB

Starting JAMB TEST WEB...

> backend@1.0.0 start
> cross-env NODE_ENV=production node build/server.js

production
Database is connected
Server running on port 3000
```

Running Jamb Test Admin without Jamb Test DB running

If the JAMB Test Admin is run without first running the JAMB Test DB, the following error will occur as shown in the image on the right.

```
=====
JAMB TEST WEB
=====

Changing to application directory...
Directory:
C:\Users\dubzy\Desktop\New folder\jamb test admin\JAMB-TEST-WEB

Starting JAMB TEST WEB...

> backend@1.0.0 start
> cross-env NODE_ENV=production node build/server.js

production

=====
JAMB TEST DATABASE IS NOT AVAILABLE
Kindly start jamb-test-db before launching the application.
=====

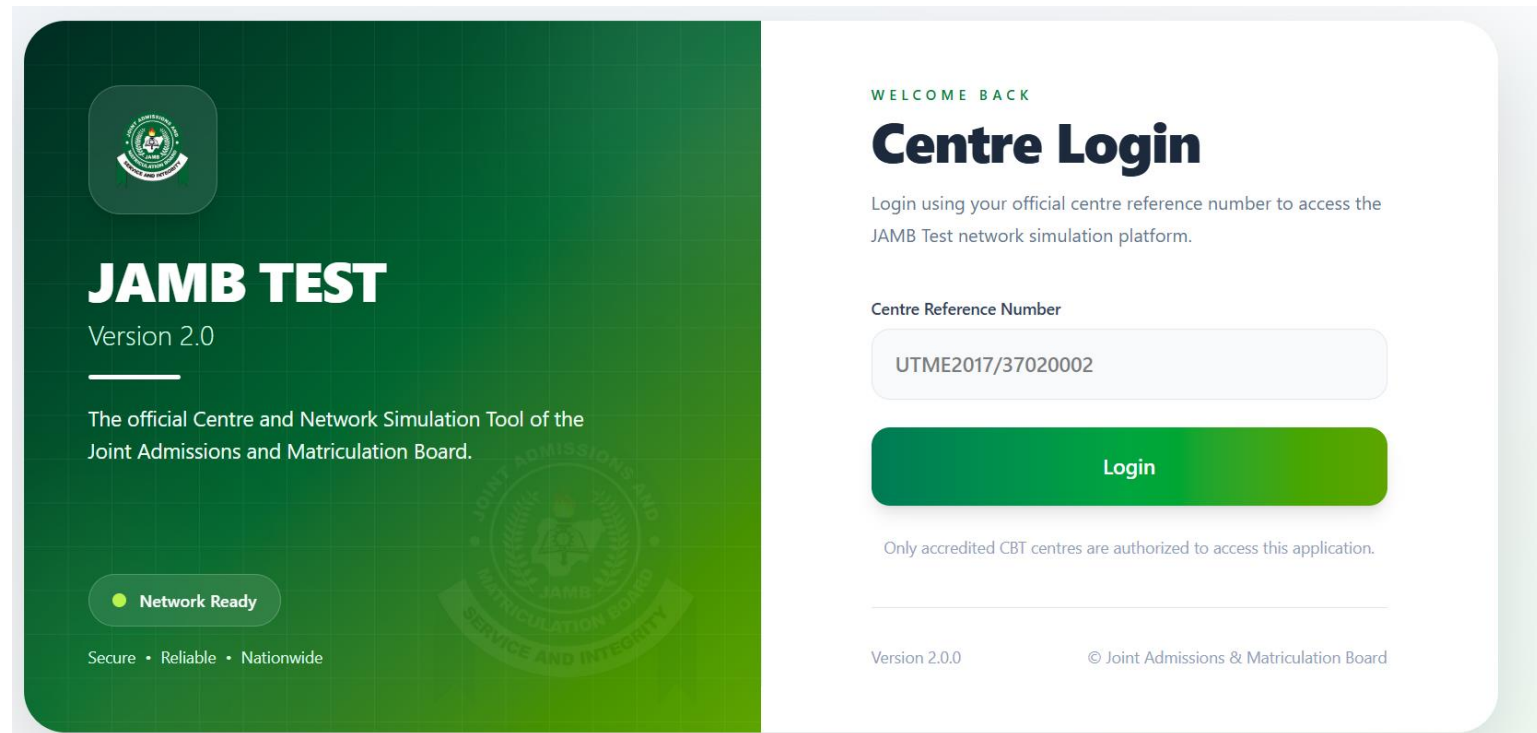
=====
APPLICATION STOPPED
=====

Press any key to continue . . .
```

Launching the app

Once everything is set, then the app is ready to launch.

On the server, go to <http://localhost:3000/admin> and enter the centre's reference number.



Logged in Successfully

The following landing page
will show on successful
login.

**JAMB TEST**
Version 2.0

[Home](#) [Computers](#) [Network Tests](#) [Infractions](#) [Profile](#)

Logged in as **MIGHTYEAGLE22** [Logout](#)

WELCOME BACK

JAMB TEST Dashboard

Monitor computers, registrations, network simulations and examination activities from one central location.

SYSTEM STATUS
● Operational


0
Registered Computers


0
Pending Computers


0
Network Tests


0
Infractions

Quick Actions

Synchronize computers with the cloud and manage network simulations for your CBT centre.


Upload Computers
Upload the computers in your facility to the cloud. Please ensure they are not shared with another CBT centre.
[Upload Computers](#)


Download Computers
Uploaded systems to the cloud before? Synchronize now to download the latest registered computers for this CBT centre.
[Download Computers](#)

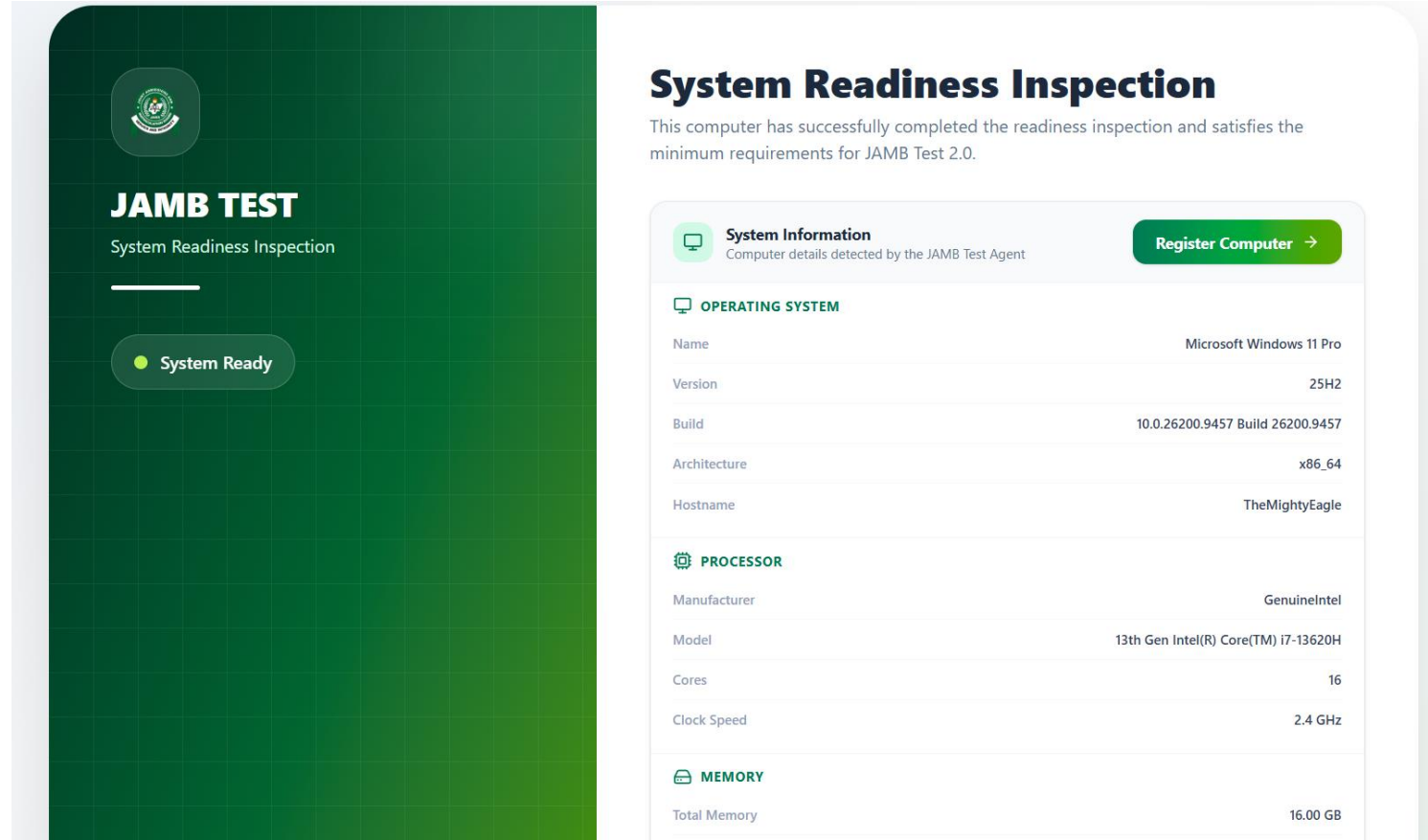

Create Network Test
Generate a new network simulation to verify connectivity and readiness of all registered computers before examination day.
[Create Test](#)

On the client machine:

Open the server's IP address:3000

e.g
<http://192.168.10.2:3000>

Please ensure that the jamb test agent is running on the pc.



The image displays the JAMB TEST System Readiness Inspection interface. The left panel shows a green background with the JAMB TEST logo and a 'System Ready' status. The right panel shows the 'System Readiness Inspection' results, indicating that the computer has successfully completed the inspection and satisfies the minimum requirements for JAMB Test 2.0. Below this, there are sections for 'System Information', 'OPERATING SYSTEM', 'PROCESSOR', and 'MEMORY'.

JAMB TEST
System Readiness Inspection

System Ready

System Readiness Inspection
This computer has successfully completed the readiness inspection and satisfies the minimum requirements for JAMB Test 2.0.

System Information
Computer details detected by the JAMB Test Agent

Register Computer →

OPERATING SYSTEM

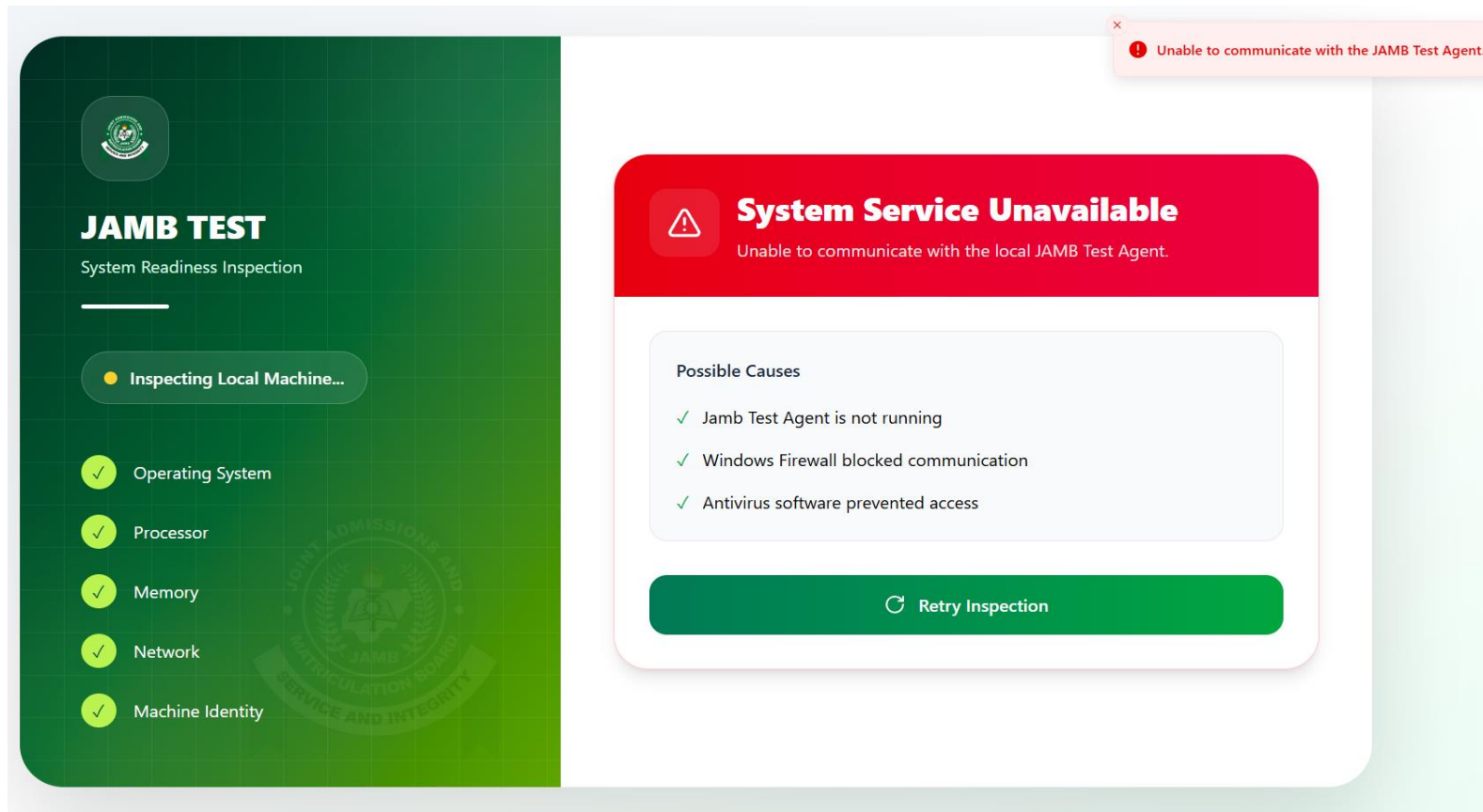
Name	Microsoft Windows 11 Pro
Version	25H2
Build	10.0.26200.9457 Build 26200.9457
Architecture	x86_64
Hostname	TheMightyEagle

PROCESSOR

Manufacturer	GenuineIntel
Model	13th Gen Intel(R) Core(TM) i7-13620H
Cores	16
Clock Speed	2.4 GHz

MEMORY

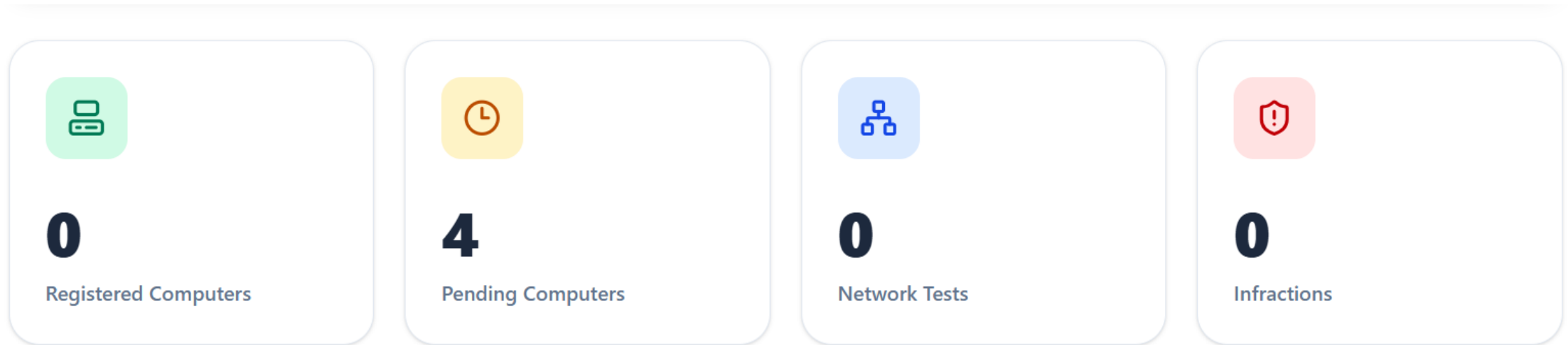
Total Memory	16.00 GB
--------------	----------



Above will display when the JAMB Test Agent is not running on the client.

Understanding the dashboard

When systems are newly registered, it will display the status “pending” until they are uploaded. After upload the systems will be checked for infractions then the status will change to registered.



Upload, Clearance and Download of registered computers (prior to first network test).

The clearance process (check for history of infractions) is a 3-step process.

1. Upload of locally registered computers (with pending status).
2. After clearance, download of cleared and now registered computer list.
3. Creation of first network test.
4. Only computers cleared of infractions will participate in the network test.

Quick Actions

Synchronize computers with the cloud and manage network simulations for your CBT centre.



Upload Computers

Upload the computers in your facility to the cloud. Please ensure they are not shared with another CBT centre.

Upload Computers



Download Computers

Uploaded systems to the cloud before?
Synchronize now to download the latest registered computers for this CBT centre.

Download Computers



Create Network Test

Generate a new network simulation to verify connectivity and readiness of all registered computers before examination day.

Create Test



Systems Pushed Online

Your computer systems have been successfully pushed online.

JAMB TEST Network is currently investigating the uploaded systems. This process verifies the systems and identifies any systems that may have been flagged for infractions.

You do not need to wait. Please check back in about **1–2 minutes**.

Then click **Download Computers** to download the list of computers verified by JAMB TEST Network.

Okay, Got It

After uploading your computers, It might take a few moments to thoroughly investigate your uploads.

Click the “Okay, Got it” button to close this dialog.

Please allow up to 5 minutes for clearance of your computers.

Then click on “**Download Computers**” button, to download the list of ratified computers belonging to the centre.

Successfully Cleared

On successful clearance of uploaded computers, clicking the “**Download Computers**” button will cause the registered computers count to increase.



250

Registered Computers



0

Pending Computers



0

Network Tests

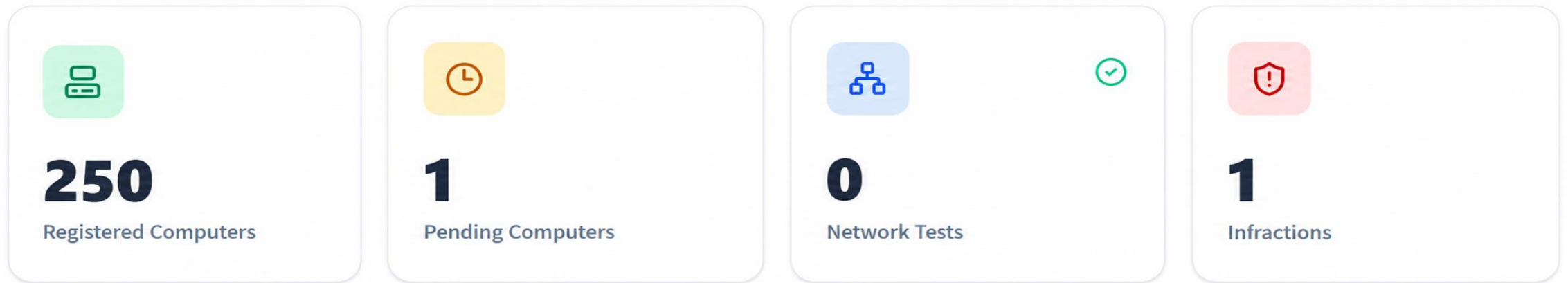


0

Infractions

Infractions

When a centre attempts to register an already registered computer from another centre, this is regarded as an infraction. The number of computers involved will be displayed under infractions as shown below.



Creating a Network Test



Network Test

Create and monitor network performance tests for your CBT centre.

[View Uploaded Tests →](#)

Test Duration

🕒 30

minutes

▶ Create Test

Tests below 60 minutes cannot be uploaded.



Create Network Test

Configure the network simulation duration.

Network Tests

View and manage your existing network tests.



No network tests yet

Your network tests will appear here.

To create a network test, click on network test tab. The page on the left will display. Enter the duration of the test and click, create test.

Please note that only a network test of 60 minutes and above can be uploaded

IMPORTANT INFORMATION

Before a network test can be uploaded, the following parameters must be satisfied.

1. The centre's capacity must be realized
2. The network test must have a minimum average response throughput of 95%
3. No more than 45 network losses must be recorded throughout the test
4. No more than 5 computers must have a network loss.

1. When a network test is created, it will have a status of pending, till it is activated. To activate, click actions Where the view button will be shown.

Network Tests

View and manage your existing network tests.

Test ID	60 min	Pending	0	0	0.00%	17/09/2026	Actions ^
1998b1e2368feed675786899			connected	total losses		16:09	
							View

2. When the view button is clicked, it will display the page below, which will allow activation of the test

← Network Tests



Network Connectivity Test

Pending

1998b1e2368feed675786899

Activate Test

Monitor the connectivity and response behaviour of computers participating in this network test.



SYSTEMS CONNECTED

0/250



TEST DURATION

60 minutes



RESPONSE THROUGHPUT

0.00

When the test is activated, the connected systems will automatically join the test.
Please monitor the network losses section. This will display problematic systems and their IP

← Network Tests



Network Connectivity Test

7eb3b93771bfa55d0c408245

Active

☐ End Test

Monitor the connectivity and response behaviour of computers participating in this network test.



SYSTEMS CONNECTED

250/250



TEST DURATION

60 minutes



RESPONSE THROUGHPUT

99.00

Network Performance

Connectivity statistics recorded during the test.

NETWORK LOSSES

1

AFFECTED COMPUTERS

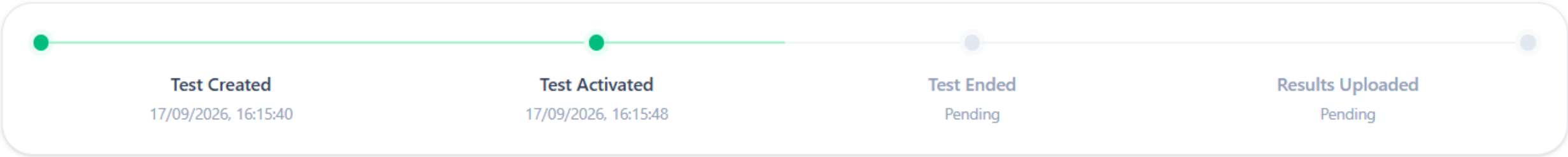
1

ENDED COMPUTERS

250

Test Timeline

Important events throughout the test lifecycle.



Connected Systems

Live participation in this network test

4 Systems

SYSTEM	IP ADDRESS	LOGGED IN	RESPONSES	LOSSES	TIME LEFT	STATUS
System 1 6aabc1d70edcb4d279362fda	192.168.17.146	16:15:49	4	0	00:55:59	Connected
System 2 6aabc1d70edcb4d279362fdb	192.168.17.89	16:15:49	4	0	00:55:59	Connected
System 3 6aabc1d70edcb4d279362fdc	192.168.17.143	16:15:49	3	1	00:56:10	Connected
System 4 6aabc1d70edcb4d279362fdd	192.168.17.144	16:15:49	4	0	00:55:59	Connected

When test is completed, click on end test.

← Network Tests



Network Connectivity Test

7eb3b93771bfa55d0c408245

● Active

End Test

Monitor the connectivity and response behaviour of computers participating in this network test.



SYSTEMS CONNECTED

250/250



TEST DURATION

60 minutes



RESPONSE THROUGHPUT

99.00

Network Performance

Connectivity statistics recorded during the test.

NETWORK LOSSES

1

AFFECTED COMPUTERS

1

ENDED COMPUTERS

250

Next, click on upload test results

← Network Tests



Network Connectivity Test

● Ended

7eb3b93771bfa55d0c408245

Upload Test Results

Monitor the connectivity and response behaviour of computers participating in this network test.



SYSTEMS CONNECTED

250/250



TEST DURATION

60 minutes



RESPONSE THROUGHPUT

99.00

Network Performance

Connectivity statistics recorded during the test.

NETWORK LOSSES

1

AFFECTED COMPUTERS

1

ENDED COMPUTERS

250



Upload Network Test Results

The test must satisfy all upload requirements.



All upload requirements have been met.

This network test is eligible for upload.



Participating Computers

At least 4 computers must participate.

4 / 4 computers



Response Throughput

Response throughput must be greater than 95%.

99.17%



Test Duration

The network test must run for at least 60 minutes.

60 minutes



Computers With Network Losses

No more than 5 computers may experience network losses.

1 computer(s)



Total Network Losses

Total network losses must not exceed 45.

1 loss(es)



Close



Upload Results

The following requirements must be duly satisfied as shown with the checkmark.

Conditions not satisfied will be displayed in red.

PLEASE PAY ATTENTION TO THE FOLLOWING:

When a network test has been uploaded, click on the “**VIEW
UPLOADED TEST**” to be sure it has been uploaded, before logging out of the application.

Clicking “View Uploaded Tests” will display all tests successfully uploaded by the centre.



Uploaded Network Tests

View and monitor network tests uploaded from this centre.

[← Back to Tests](#)

Uploaded Tests

1 uploaded network test

Uploaded

TEST	DURATION	COMPUTERS	THROUGHPUT	NETWORK LOSSES	UPLOADED AT	ACTION
Network Test 1 6aac14e1d1eb2d0476ca26c6	60 min	250	99.17%	1	17 Sept 2026, 17:27	View Responses

**Got any complaints on
accreditation/Jamb Test? kindly go
to support.jamb.gov.ng, login with
your center details and create a
ticket.**

Produced by ITS, JAMB.