



Accsium Quick Start Guide – 2026 Edition

Accsium is a carrier-grade access enforcement platform designed for ISPs, hospitality networks, campuses, and enterprise environments. This guide will help you deploy your appliance quickly and securely.





Understanding the Appliance

Front Panel

- POWER LED – Displays power status
- HDD LED – Indicates hard drive activity
- Ethernet LED – Displays network link and activity

Back Panel

- VGA Port – Connects to the management console
- USB Port – Reserved for future use
- LAN0, Port 1, Port 2, Port 3 (As per your requirement) – Network connections for LAN/WAN interfaces



The type of Ethernet cable used depends on your setup.

- Straight-through Cable – Connects to a LAN through a hub or switch

Usage of ports depends on your network design, any port can be used for WAN or LAN as needed.



Package Contents

Your Accsium package includes everything you need to get started with your deployment:



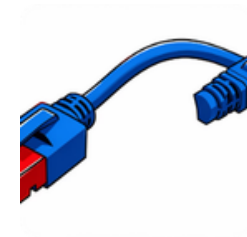
Accsium Appliance

The main access enforcement device



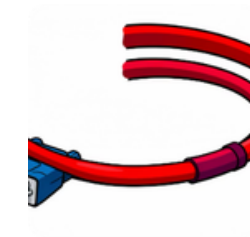
Power Adapter Cable

For connecting to power source



Ethernet Cable

For network connectivity



VGA Cable

For display connection



Quick Start Guide

This installation manual

Hardware Components

Explore the complete Accsium hardware lineup designed for enterprise-grade performance and reliability.

Entry-Level Edge



Rack-Mounted Server

High-density computing for data center integration.




1U Server Unit

An efficient, space-saving server solution.



Factory Network Configuration

Your Accsium appliance comes pre-configured with the following default network settings. These factory defaults allow you to connect and configure the device immediately upon first boot.

| | | | |
|--|--|--|--|
|  |  |  |  |
| eth0 | eth1 | eth2 | eth3 |
| 192.168.254.1 | 10.20.1.1 | 10.20.2.1 | 10.20.3.1 |
| Internal | External/WAN | Internal | Internal |

Configuring the Accsium Appliance

Follow these essential steps to configure and deploy your Accsium appliance for proper operation.

Initial Console Setup

- Connect a monitor using the VGA cable and power on the appliance.
- Once the system boots, the screen will prompt for a password. Enter the default password: accsium123.
- Type 00 and press Enter to begin interface configuration.
- To configure Interface eth1 or any port:
 - Enter the IP Address and press Enter.
 - Enter the Subnet Mask and press Enter.
 - Define the link type: Type e for External (WAN) or i for Internal (LAN) and press Enter.
- Gateway Configuration:
 - When prompted to configure the gateway, type Y.
 - Enter the Gateway Name and press Enter.
 - Enter the Gateway IP Address and press Enter to finish.

Physical Connections

Connect your Ethernet or SFP Fiber cables to the WAN/LAN ports (e.g., eth1) according to your configured IP addresses and the port mapping labels (eth1, eth2, eth3, eth4).

Connectivity Test

- Return to the Console Menu.
- Type 4 to access the Ping utility.
- Ping your interface gateway IP to verify the connection.

Accessing the GUI

Open a web browser on a computer connected to the network and enter the appliance's IP address to access the Accsium GUI.

Registration

01

Login Credentials

- Username: accsium
- Password: accsium123

02

View Interface Details

Navigate to: System Configuration >
Network > Interface Configuration.

03

Complete Registration Form

Navigate to: Help & Support >
Company Information > enter your
details.

After successful registration, the
"About" page will display your
registration status.

Post-Installation Checklist

Verify that your Accsium appliance is properly configured and operational by completing this comprehensive checklist. Each item must be confirmed before putting the system into production.



WAN reachable

Confirm external network connectivity is established



DNS resolving

Test that domain name resolution is working correctly



GUI accessible

Verify web management interface loads properly



Password changed

Ensure default credentials have been replaced



License activated

Confirm your Accsium license is properly registered

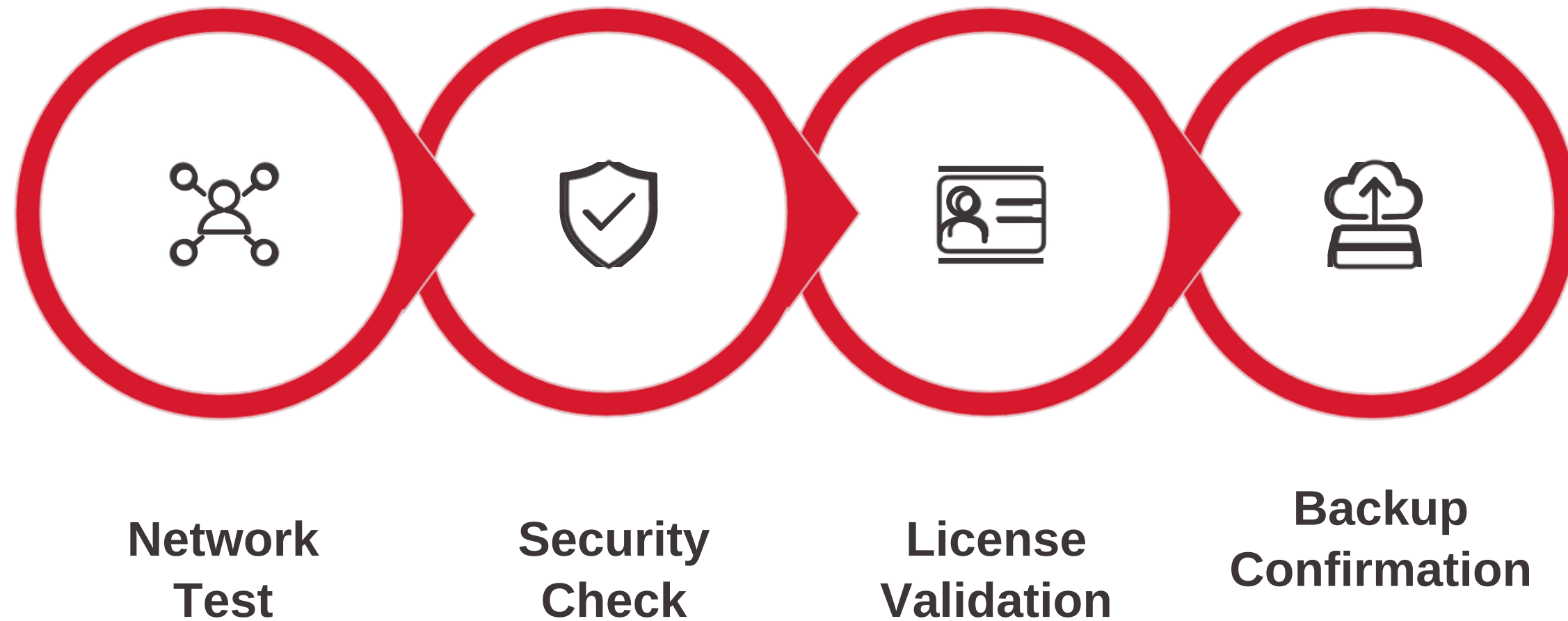


Backup created

Create initial configuration backup for disaster recovery

Configuration Verification

Use these verification steps to ensure your Accsium appliance is ready for production deployment.



Complete all verification steps before deploying the appliance in your production environment. This ensures optimal performance and security from day one.

Best Practice: Document your configuration settings and keep them in a secure location separate from the appliance itself.

Support

Our technical support team is available to assist you with installation, configuration, and troubleshooting. Contact us through any of the following channels:

Phone Support

+91-6291618833

Available during business hours

Email Support

support@accsium.com

24/7 ticket submission

Website

<https://accsium.com>

Documentation and resources

What's Next?

1 Security

It is highly recommended that you change the default passwords for both the GUI and the Text-Based Console.

2 DNS Configuration

Ensure your Firewall rules for Domain Name Servers (DNS) are properly defined, or the system will not be able to connect to the Internet.

3 Appliance Mode

Use the GUI to configure Accsium as a NAS, RADIUS, or both.

4 Provisioning

Create packages, policies, and users according to your requirements.

5 Licensing

To enable additional features, go to Help > Register Accsium Module License. Click the desired module and provide the necessary registration info.

Important Notice

- ❏ Information provided by Accsium is believed to be accurate and reliable. However, it is supplied without warranty of any kind, expressed or implied. Accsium reserves the right to modify product design or specifications without notice.

Thank You!