



H3C Cloudnet

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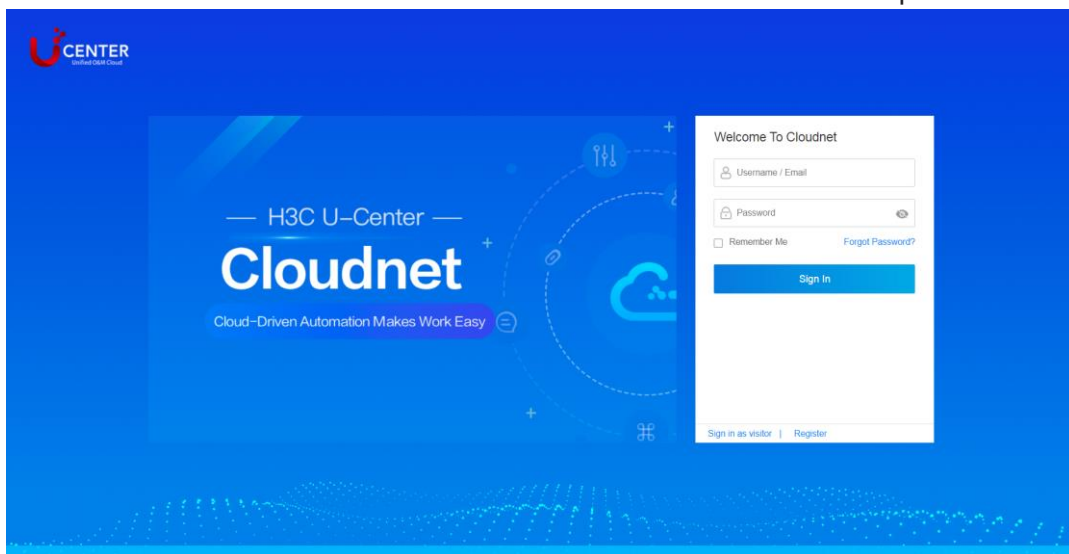


New H3C Technologies Co., Limited

Product Overview

H3C Cloudnet is a H3C-proprietary comprehensive operation management and maintenance platform. Based on H3C unified O&M cloud platform (known as U-center), It provides a light-weight and multi-service platform to manage network and a powerful O&M service for small business. It uses Kubernetes for containerized applications and a fully distributed architecture to provide management of networks, terminals, users and service enabling features. With management and monitoring of multiple network services, the platform breaks the data barriers between services caused by isolated and vertical service deployment.

H3C Cloudnet supports the delivery model of public clouds and provides customers with comprehensive network solutions to meet the needs of customers from different industries and operators.

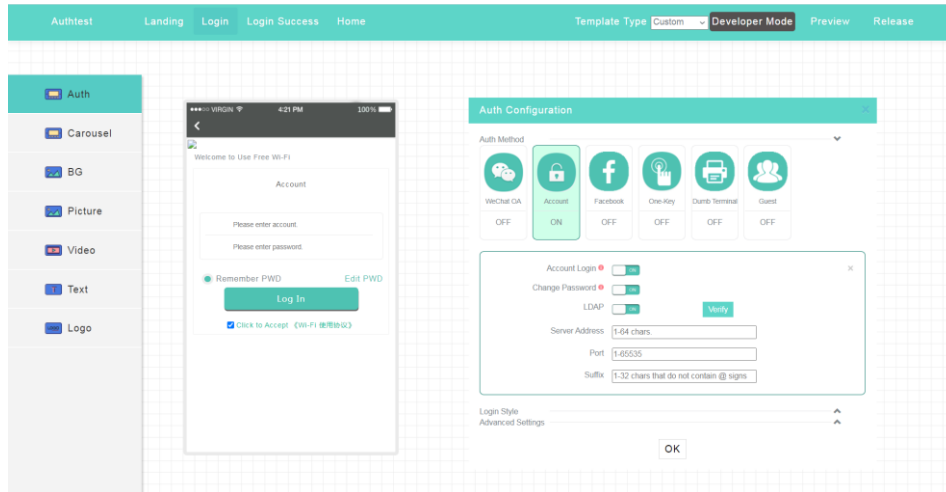


H3C Cloudnet

Features

Cloud authentication

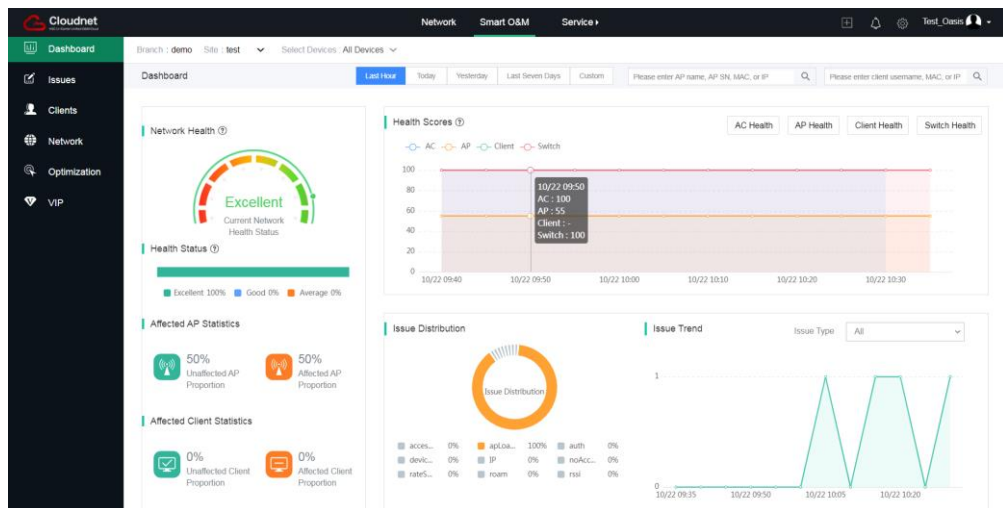
Support Facebook authentication, one-click authentication, fixed account authentication, Portal authentication, WeChat authentication, visitor QR code authentication, dumb terminal authentication, etc. Support the ability to customize the authentication page, full graphical configuration, what you see is what you get; support drag and drop to adjust the layout, support text, pictures, carousel diagrams, videos, authentication boxes, buttons and other parts of the customization. Support developer mode, support users to develop authentication pages by themselves; support separate allocation of permissions, and authorize operators. Customization and pages bring the ultimate experience to user operations.



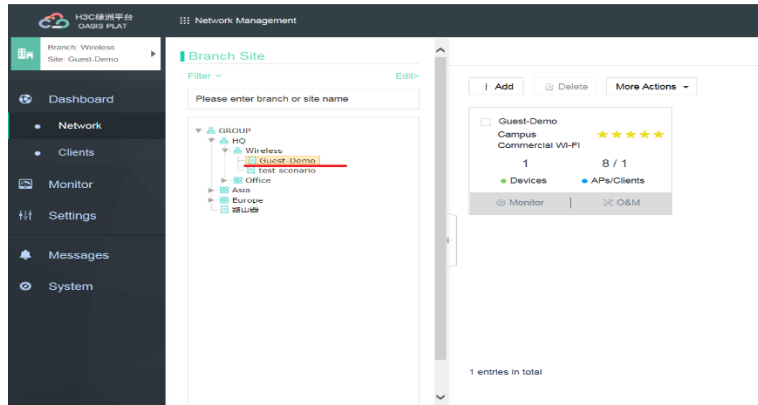
Various authentication methods for users to choose

Network O&M

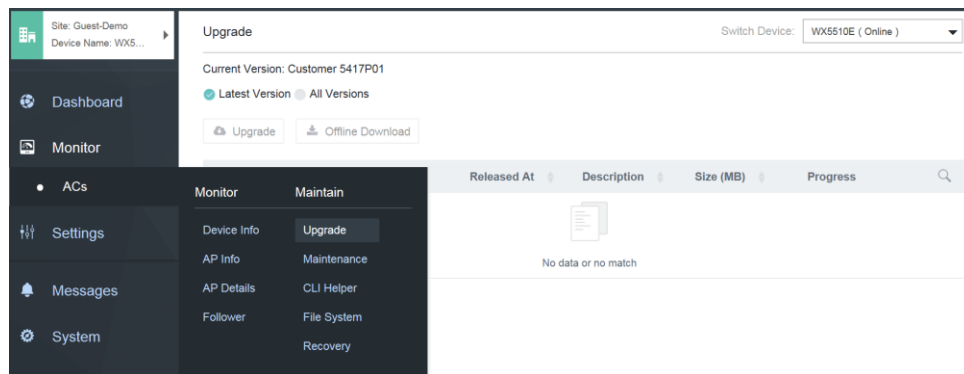
Support one-key inspection, one-key network optimization and other functions, enabling users to complete network detection and optimization with simple click operations. The intelligent operation and maintenance of Cloudnet makes the network resource information visible, automatically senses the hidden dangers of the entire network, and automatically eliminates the entire network failure. Tracking and automatically optimizing the network at all times, so that the network is always in the best state, providing users with an excellent online experience.



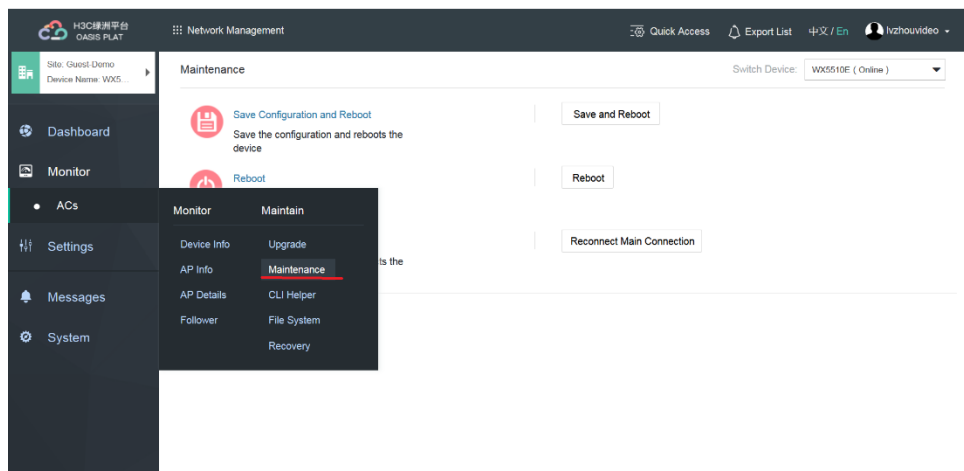
Smart O&M escorts networks



Configure from branch, site to device, easy deployment



Software upgrade



Device maintenance

Role-based access control

With role-based access control (RBAC), you can perform fine-grained access management of the Cloudnet platform. A user can create subaccounts with different user roles and authorize them with different sites or branches to separate rights and achieve hierarchical management.

Username	Phone Number	Email	Account Type	Permission	Add	Edit	Delete
lvzhouvideo	13800000005	—	Tenant	—	⊕	—	—
oasisclouddemo	13800000006	13800000006@q...	Demo Account	⊕	⊖	✎	🗑
oasis_JT	13800000001	13800000001@h...	Maintenance Acco...	⊕	⊖	✎	🗑
oasis_HQIT	13800000002	13800000002@h...	Maintenance Acco...	⊕	⊖	✎	🗑
osis_BranchT	13800000003	13800000003@h3...	Maintenance Acco...	⊕	⊖	✎	🗑
oasis_OP	13800000004	13800000004@h...	Operation Account	⊕	⊖	✎	🗑

Subaccount authority

Terminal management

The platform provides unified management of various terminals to reduce management costs.

Full network management

The Cloudnet platform supports full-standard network connection and management, wired and wireless integration, supports unified monitoring, configuration, maintenance, and operation of switches, routers, wireless ACs, APs, and security devices, and provides unified cloud management.

State	Device Name	Category	Model	Site	Device Version	Actions
●	CLOUDAP	Cloud AP	WAS30-WW	test	Release 243P01	Deploy Cfg Local Management CLI Helper File System Save Restart
●	ROUTER	Router	MSR2630	test	Release 080P28	Deploy Cfg Local Management CLI Helper File System Save Restart
●	SWITCH	Switch	S5130S-28P...	test	Release 6311	Deploy Cfg CLI Helper File System Save Restart
●	WX1804-PWR	AC	WX1804H-P...	test	Customer 5429P01	Deploy Cfg Local Management CLI Helper File System Save Restart

Device management

Device Score: 100

- Remaining Bandwidth: ★★★★★
- Online AP Ratio: ★★★★★
- Security Score: ★★★★★
- Client Rate: ★★★★★
- Wireless Environment: ★★★★★
- System Health: ★★★★★

Operating Info: Memory 53%, CPU 10%, Disk 49%

Device State: Online (Online For: 12d 21h 10m 02s)

Realtime Rate: 37.0Kbps Total Rate (Uplink: 15.0Kbps, Downlink: 22.0Kbps)

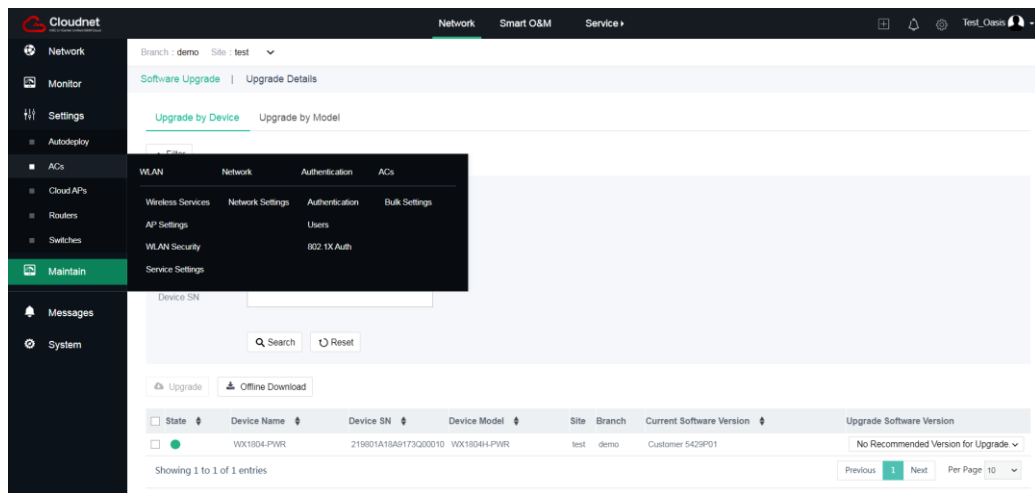
AP Info: 100% Online AP Ratio (Online: 1, Offline: 0, Invalid APs: 1)

Client Info: 0 Clients (2.4GHz: 0, 5GHz: 0)

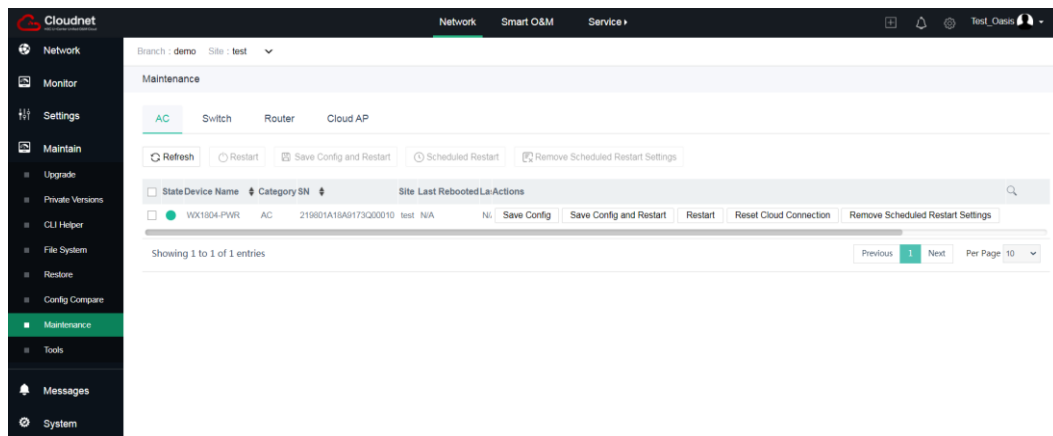
Panel Info: No port data. Version not supported.

Basic Info: Device Category: AC, Current Version: Customer 5429P01, Previous Version: -, Updated At: -, MAC: 9C06-1B51-0100

Device monitoring



Device configuration



Device maintenance

Multi-service

The Cloudnet provides various business functions including cloud engineering survey, large-screen monitoring, PPSK, cloud authentication, hotel management, etc., which comprehensively shows the business capacity of Cloudnet in network deployment, network management, and customized services.

Mobile service capability

Cloudnet APP provides mobile operation and maintenance capabilities, and IT personnel can carry it with them and grasp the network operation status anytime and anywhere. When a network failure occurs, it can be monitored in real time and remotely processed in time, enabling zero distance operation and maintenance. The Cloudnet APP not only supports one-click diagnosis, real-time monitoring and alarm push, but also can remotely perform common operations such as version upgrade, configuration backup, configuration restoration, and file management of related devices.

Open API, application value-added, accelerate enterprise

operation

Cloudnet provides a wealth of open interfaces such as passenger flow analysis, basic management, wireless services, authentication, operation and maintenance, and uses network data to empower customers to accelerate business value-added.

Advanced Architecture design

The Cloudnet platform adopts an advanced full-containerization solution and a fully distributed deployment architecture design. Based on which, the computing resources can be adaptively adjusted and allocated according to business characteristics, and achieve the flexible expansion and user-unaware business iterative.

Ecosystem enablement

Supporting online developing capabilities for upper-layer app development and system collaboration and providing visible device management from the GUI, the platform supports end-to-end service deployment with low cost. H3C also provides a professional development lab to offer R&D-level support to business partners and customers.

Software Specifications

Features	Description
Deployment mode	Public cloud through virtualization platform
Multi-user management	Role-based access control
Authentication	<ul style="list-style-type: none"> Facebook authentication WeChat authentication Account authentication One-key authentication PPSK authentication Guest authentication Dumb terminal authentication
O&M	<ul style="list-style-type: none"> Intelligent operation and maintenance escort the customer network Network health monitoring Client connection snapshot Problem location and analysis Wireless network optimization One-click diagnosis and optimization VIP policy for AP and Client WIPS Client access analysis
Network management	<ul style="list-style-type: none"> Hierarchical and decentralized management Full network monitoring Sites management Devices management (including switches,routers,ac,cloud ap, firewall,acg, etc)



	<p>Clients management</p> <p>Alarm management</p> <p>Operation logs</p> <p>System messages</p> <p>Fault reports</p> <p>Sub-accounts management</p>
Multi-service	<p>PPSK (provides PPSK-based wireless access for small and medium-sized enterprises)</p> <p>Hotel Management (Allows room-based network management)</p> <p>Cloud engineering survey (provides one-stop high-efficiency engineering investigation for WLANs)</p> <p>Custom Dashboard (Displays followed monitoring statistics on a dashboard)</p> <p>Assets (Asset management information of equipment and terminal)</p>
Mobile APP	<p>Mobile network management and monitoring</p> <p>Mobile devices operations</p> <p>Mobile MSP service</p> <p>Mobile network tools</p> <p>Mobile WLAN settings</p> <p>Mobile O&M</p>
Open API	Support open and rich APIs, share business data with customers, and realize rapid business value-added
Technologies	The platform integrates a variety of advanced technologies including cloud computing, big data , AI, etc.
Ecosystem enablement	<p>Support of full network standards, system collaboration, and app development</p> <p>Support Google Map at Q4 in 2021</p>



The Leader in Digital Solutions

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