

H3C WSS Cloud Engineering Survey



01 **Cloud Engineering Survey Introduction**

02 **Access to Cloud Engineering Survey**

03 **Scheme Design**

Introduction

1.What is that?

- ✦ Cloud Engineering Survey is a simulation software launched by H3C.

2.What can it do?

- ✦ Rendering AP coverage range and generating engineering survey map.

3.What is the effect?

- ✦ Easily view wireless signal coverage and efficiently deploy and maintain wireless networks.



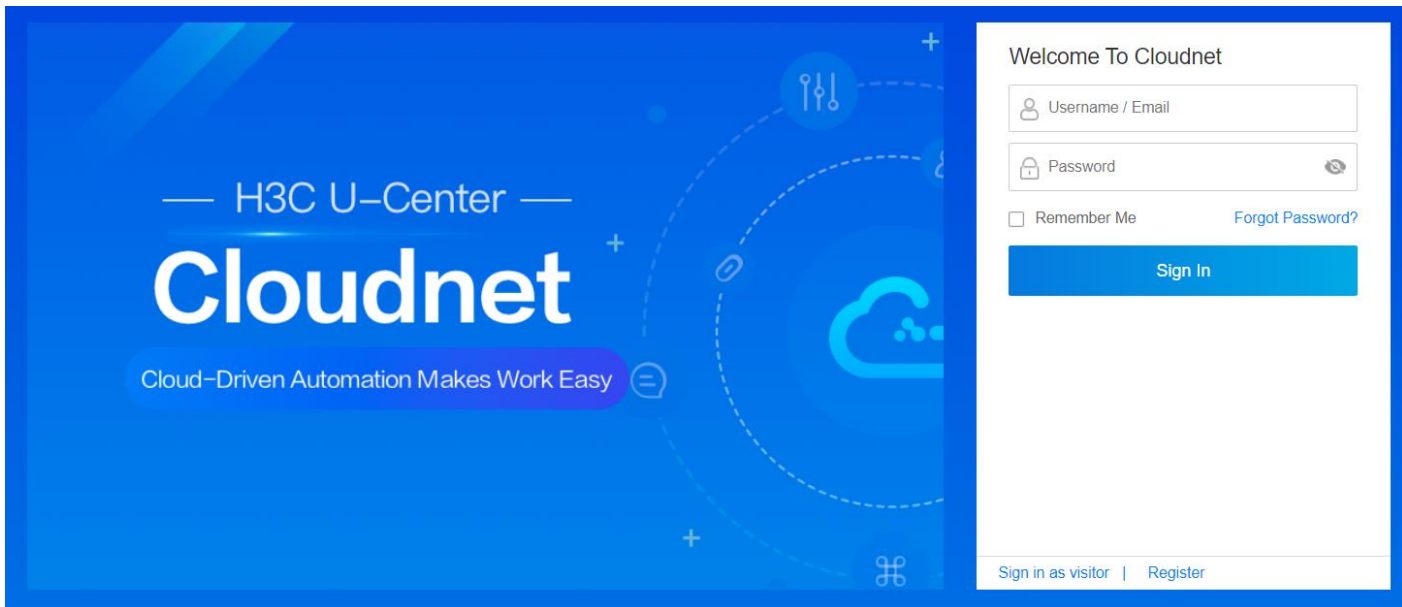
01 Cloud Engineering Survey Introduction

02 Access to Cloud Engineering Survey

03 Scheme Design

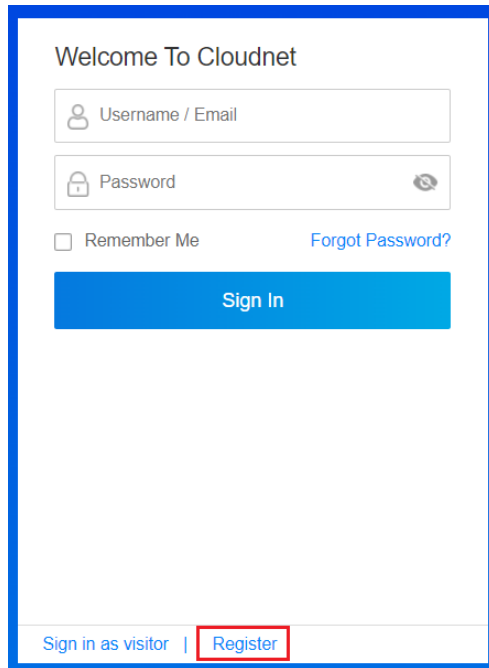
Access to Cloud Engineering Survey

1. Access the following link :<https://oasiscloud.h3c.com/>




Access to Cloud Engineering Survey

2. Click the “Register” button



Welcome To Cloudnet

Username / Email

Password 

☐ Remember Me [Forgot Password?](#)

[Sign In](#)

[Sign in as visitor](#) | [Register](#)

Access to Cloud Engineering Survey

3. Fill in the necessary information and click “Complete”.

Username ✖ Required field.
(6-32 chars that start with a letter.
Only letters, digits, and underscores (_) are allowed.)

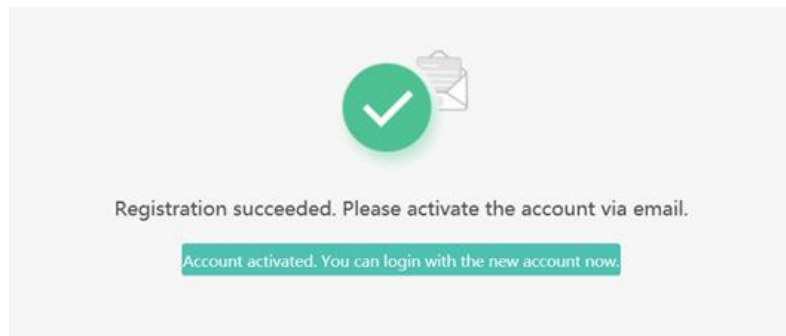
Email Please enter email address ✖ Required field.

Password 8-32 chars. ✖ Required field.

Confirm Password Please confirm password

☒ Agree [Oasis User Registration Agreement](#)

The account already exists. Please go to
login.



Access to Cloud Engineering Survey

4. Click the confirmation link in Email to active your account.

答复 全部答复 转发 即时消息



2020/7/7 (周二) 16:42

lvzhou@oasisinfo.h3c.com

【H3C绿洲平台】绑定邮箱

收件人

[点击这里激活账户](#)

激活账号，24 小时内有效，否则重新验证，请尽快激活！



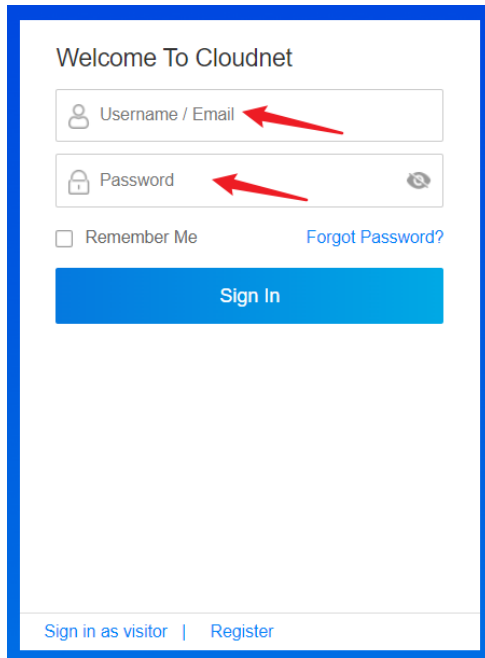
Congratulations.You have activated your email address successfully.

4s, You will be redirected to the login page

Login Now

Access to Cloud Engineering Survey

5. Input your account and password.



Welcome To Cloudnet

Username / Email

Password

☐ Remember Me [Forgot Password?](#)

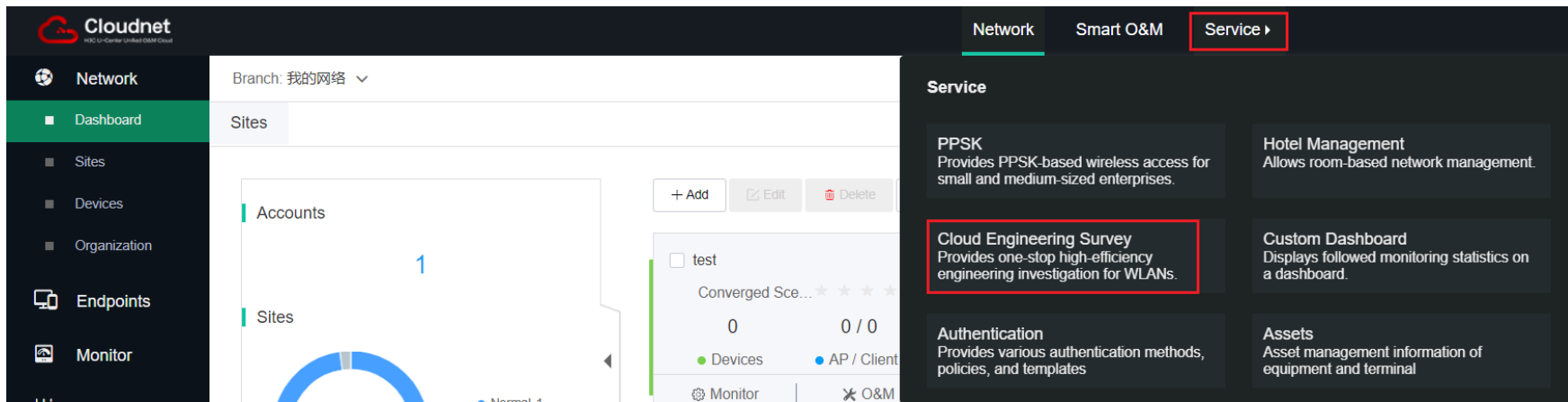
[Sign In](#)

[Sign in as visitor](#) | [Register](#)

The image shows a login form for 'Cloudnet'. It has a title 'Welcome To Cloudnet'. Below the title are two input fields: 'Username / Email' and 'Password'. The 'Password' field has a toggle icon on the right. Below these fields are a 'Remember Me' checkbox and a 'Forgot Password?' link. A blue 'Sign In' button is centered below the inputs. At the bottom, there are links for 'Sign in as visitor' and 'Register'.

Access to Cloud Engineering Survey

6. Access the oasis platform.





01 Cloud Engineering Survey Introduction

02 Access to Cloud Engineering Survey

03 Scheme Design

Wireless engineering survey platform

Wireless engineering survey platform

Engineering >

Basic Data >

Engineering office

Project name

Founder

Query

Reset

Add project

Export project

Import project

	Project name	Project description
<input type="checkbox"/>	123	

Modify basic data

1. Device management





















Engineering

Basic Data

Device management

+

Add device

Device management	AP model	2.4G transmit power (dBm)	5G transmit power (dBm)	2.4G protocol	5G protocol	Support channel	Radio1	Radio2	Radio3	AP type	System preset	AP description	Founder	Operation
Obstacle settings	WA6628	20	20	802.11ax	802.11ax	1-13,36-64,149-165				Placement	Yes		admin	 
Environment settings	WA6622	20	20	802.11ax	802.11ax	1-13,36-64,149-165				Placement	Yes		admin	 
Scene settings	WA6638	20	20	802.11ax						Placement	Yes		admin	 
	WA6630X	24	27	802.11ax						Outdoor	Yes		admin	 
	WA6330	20	20	802.11ax						Placement	Yes		admin	 
	WA6320	20	20	802.11ax						Placement	Yes		admin	 
	WA6320H	20	20	802.11ax						Panel type	Yes		admin	 
	WA560	15	22	802.11n						Placement	Yes		admin	 
	WA538	18	21	802.11n						Placement	Yes		admin	 
	WA536	18	24	802.11n						Placement	Yes		admin	 

Add device

AP model :

2.4G transmit power (dBm) :

Please enter an integer from 1-27

5G transmit power (dBm) :

Please enter an integer from 1-27

2.4G protocol :

802.11n

5G protocol :

802.11n

Support channel :

☐ 1-13
 ☒ 36-64
 ☒ 149-165

Radio1 :

Please enter an integer

Radio2 :

Please enter an integer

Radio3 :

Please enter an integer

AP type :

Please select

AP description :

Save

Cancel

Modify basic data

2. Obstacle settings

Basic Data

Device management
Obstacle settings
Environment settings
Scene settings

+

 Add obstacles

Obstacle type	Thickness (cm)	2.4G attenuation(dB)	5G attenuation(dB)	System preset	Founder
Wooden wall	4	3	5	Yes	admin
12 Concrete wall	12			Yes	admin
18 Concrete wall	18			Yes	admin
24 Concrete wall	24			Yes	admin
Window	5			Yes	admin
Wooden door	4			Yes	admin
Metal door	3			Yes	admin
Drywall	3			Yes	admin

Add obstacles

Obstacle type : *

Thickness : *

2.4G attenuation : *

5G attenuation : *

1~100, keep 2 decimal places.

1~100, keep 2 decimal places.

Save

Cancel

Modify basic data

3. Environment settings

Basic Data

Device management

Obstacle settings

Environment settings

Scene settings

+ Add environment

Environment name	Category	2.4G attenuation ...	5G attenuation (dB)	Recommended signal ...	System preset	Environmental description	Founder
Teaching building					Yes		admin
Library					Yes		admin
Administrative building					Yes		admin
Dormitory					Yes		admin
Playground					Yes		admin
Canteen					Yes		admin
Ward					Yes		admin
Nurses' station					Yes		admin
Office					Yes		admin
Meeting room					Yes		admin

Add environment

Environment name : *

Category : * Please select

2.4G attenuation (dB) : * 2~2.5

5G attenuation (dB) : * 2.2~3.

Recommended signal strength (dBm) : * Integer from -100 to 0 (≠0).

Environmental description :

Modify basic data

4. Scene settings

Basic Data

Device management

Obstacle settings

Environment settings

Scene settings

+

 Add scene

Scene name	Recommended signal strength ...	System preset	Scene description
Normal wireless coverage	≥ -65		
High-density wireless coverage	≥ -65		
Voice wireless coverage	≥ -60		
Wireless positioning	≥ -70		
Wireless probe	≥ -75		

Add scene

Scene name :

*

Recommended signal strength (dBm) :

*

Integer from -100 to 0 (≠0).

Scene description :

Save

Cancel

Wireless engineering survey platform

Wireless engineering survey platform



Engineering



Basic Data



Engineering office

Project name

Founder



Query



Reset



Add project



Export project



Import project



Project name

Project description



123

Project Design

Engineering office

Project name Founder [Query](#) [Reset](#)

[+ Add project](#) [Export project](#) [Import project](#)

<input type="checkbox"/>	Project name	Project description	Founder	Last modified time
<input type="checkbox"/>	123		g21365	2020-05-29 09:28

Operation



- View project scheme
- Edit project information
- Engineering BOM
- Download report
- Collaboration
- Delete project

Add Scheme

Engineering scheme

Add scheme



Scheme name

Scheme name *

Founder

Operation



123

Category *

Please select

Environment name *

Please select

Import engineering survey picture *

Select the file

Scheme description






Save and design

Save

Cancel







Scheme Design

Engineering scheme

Scheme name	Description	Last modified time	Founder	Operation
 123				 
 123		2020-06-03 06:02:30	g21365	   

Modify Scheme

Operation



Modify scheme

Modify scheme

Scheme name *

122

Scheme grouping *

123

Category *

School

Environment name *

Teaching building



Scheme description





Save

Cancel

Scheme Results

Operation

Scheme results

Scheme Results Details

Material checklist

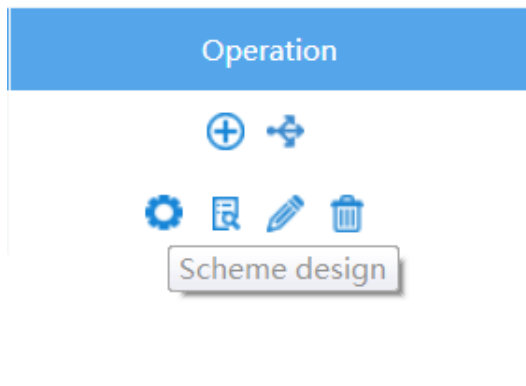
Simulation diagram

Weak field diagram

Bitmap

AP model ▼	AP type	AP number
WA560	Placement	1

Scheme Design



Calibration scale-I

Draw a horizontal or vertical line on the drawing and check the scale

↔ Horizontal calibration

↑↓ Vertical calibration

Guide Mode

1px : 0.096m

100%

100%

Navigation icons: Arrow, Previous, Next, Pan, Rotate, Zoom In, Zoom Out, Reset, etc.

Obstacle settings

Obstacle shape: Straight line

Wooden wall

Metal door

Wooden door

Window

Concrete

24 Concrete

Device deployment

WA6628

WA6320

WA6330

WA530

WA536

WA6630

Scene settings

Scene shape: Rectangle

Normal wireless coverage

High-density wireless coverage

Voice wireless coverage

Render Area

Acceptance point

Add comments

Tool bar

Heat map rendering

Upload the drawing

Device deployment

Identify obstacles

Adjust channel

Adjust power

Heat map settings

line width: 5

Icon radius: 18

Heat map ribbon: Ribbon 1

Interference map ribbon: Ribbon 1

Rendering Accuracy: Low

Signal frequency band: 2.4G 5G

Heat map type: Simulation Weak field Interference

Simulation effect: Open Close

Property editor

Guide Mode

1px : 0.096m

100%

100%

Navigation icons: Arrow, Previous, Next, Zoom In, Zoom Out, Rotate, etc.

Obstacle settings

Obstacle shape: Straight line

Wooden wall

Metal door

Wooden door

Window

Concrete

24 Concrete

Device deployment

WA6628

WA6320

WA6330

WA530

WA536

WA6630

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Scene shape: Rectangle

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Heat map settings

line width:

Icon radius:

Heat map ribbon:

Interference map ribbon:

Rendering Accuracy:

Signal frequency band:

Heat map type: ☒ Simulation ☐ Weak field ☐ Interference

Simulation effect:

Property editor

1px : 0.051m

100%

Scene settings

Scene shape: Rectangle

Normal wireless coverage
Wireless probe
Wireless positioning

Obstacle settings

Obstacle shape: Straight line

Wooden wall
Metal door
Wooden door
Window
Concrete
24 Concrete

'A' Device deployment

WA6628
WA536
WA6330
WA538
WA560
WA6638

Acceptance point

Signal frequency band: 2.4G 5G

Heat map type: Simulation Weak field

Simulation effect: Open Close

Property editor

Target type: Device

Device name: WA536

Device model: WA536

Device type: Placement



2.4G power: 18

5.xG power: 24

Installation height: 2.5

Installation posture:
X : 0° , Y : 0° , Z : 0°

Change Delete

1px : 0.051m   100%            

Scene settings

Scene shape: Rectangle

 Normal wireless coverage  Wireless probe  Wireless positioning

Obstacle settings

Obstacle shape: Straight line

 Wooden wall  Metal door  Wooden door

 Window  Concrete  24 Concrete

Device deployment

 WA6628  WA536  WA6330

 WA538  WA560  WA6638

Acceptance point

Property editor

Target type: Device

Device name: WA536

Device model: WA536

Device type: Placement

2.4G power: 18

5.xG power: 24

Installation height: 2.5

Installation posture:
X : 0°, Y : 0°, Z : 0°

 Change  Delete

Signal frequency band: 2.4G 5G

Heat map type: Simulation Weak field

Simulation effect: Open Close



Thanks!