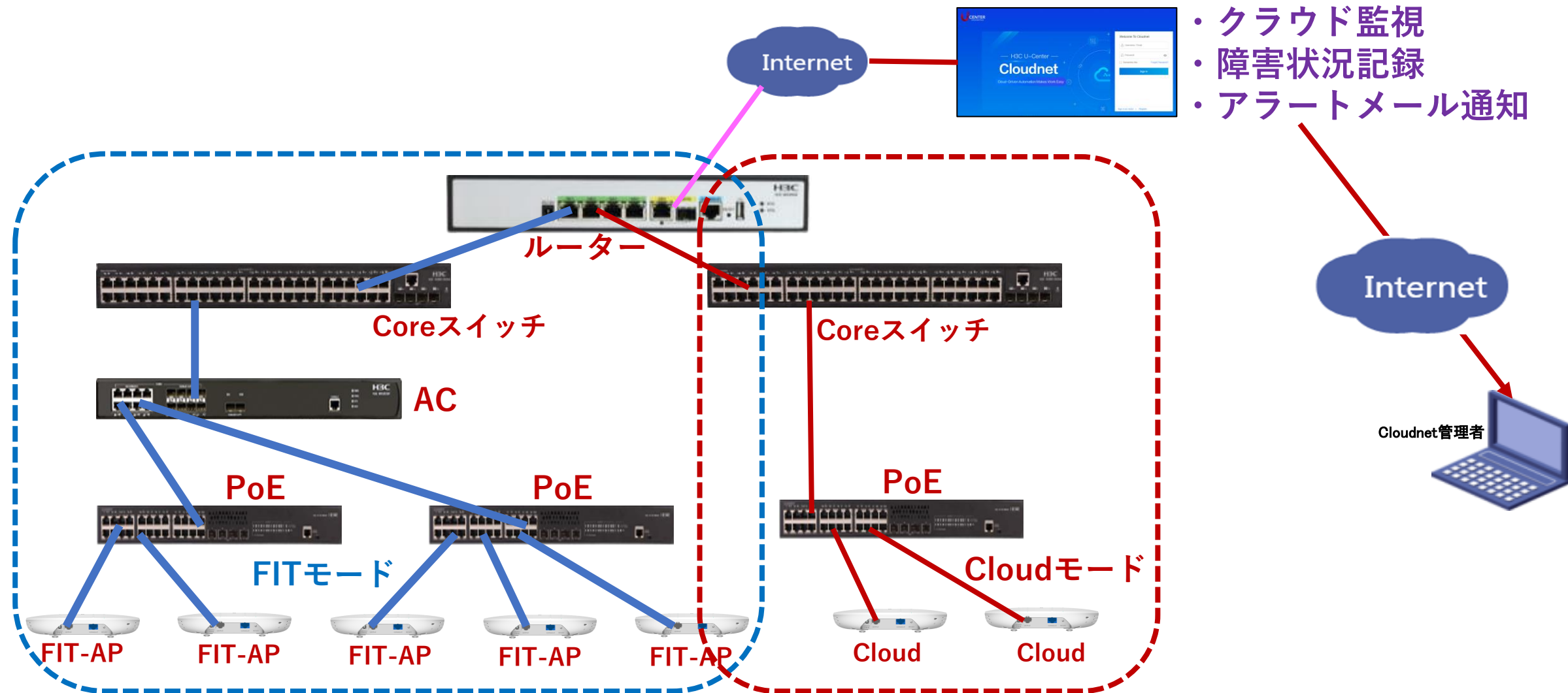


The background of the slide features a close-up photograph of hands assembling a puzzle. Most of the puzzle pieces are white, but one piece in the center-left is a vibrant red. The hands are shown from the top and bottom, with fingers carefully placing the pieces together. The lighting is soft, highlighting the texture of the puzzle pieces and the skin of the hands.

# H3C Cloudnet装置障害メール通知設定

# H3C製品のCloud管理

以下の図を構成する全てのH3C製品はCloudnetで管理できます。



# 管理者のメールアドレスはアカウントに設定されています

- ネットワーク > システム > アカウント

Cloudnet  
H3C Cloud Center Unified O&M Cloud

ネットワーク スマートO&M サービス

アカウント管理 | アカウントセキュリティ設定 | MSP管理

①

基本情報

顔写真

アバターを変更する

アカウント名 H3C\_salesdemo [パスワードを変更する](#) | [アカウントをキャンセルする](#)

メールボックス **site\_manager@h3c.com** [変更](#)

業務情報

\* 業界タイプ Others Restaurant Shopping Government Enterprise [もっと見る](#)

\* 企業名 H3C TS

\* 企業LOGO Cloudnet  
ロゴは変更可能です  
[企業LOGOを修正する](#)

連絡先

会社の住所

確定

② システム

- SMS Gateway
- サービススイッチ
- タグ
- サブアカウント
- オープンプラットフォーム
- アカウント**
- デバイスのバインド解除

③

アカウント管理

ログアウト

# Cloudnet検知した攻撃を管理者にメールで伝える

- スマートO&M > ブランチ > サイト > Device/Areaで対象の装置を選択

The screenshot displays the H3C Cloudnet Smart O&M interface. At the top, the navigation menu includes 'ネットワーク', 'スマートO&M', and 'サービス'. The breadcrumb path is 'ダッシュボード > ブランチ: PJ\_DEMO > サイト: TS Demo > Device/Area: WX2510H-F'. The 'スマートO&M' menu item is highlighted with a red box and a circled '1'. The main content area is titled 'サマリー' (Summary) and is also highlighted with a red box and a circled '2'. It features several charts and statistics:

- ネットワーク健康度** (Network Health): A gauge chart showing the current network health score.
- 健康度スコア** (Health Score): A line chart showing health scores for '端末' (Terminal), 'AP', and 'AC' over time. A significant dip is visible around 04/11 12:45.
- 健康度分布** (Health Distribution): A bar chart showing the distribution of health scores: 優秀 100%, 良好 0%, 一般 0%.
- 影響されたAPの統計** (Affected AP Statistics): Shows 100% of APs are not affected and 0% are affected.
- 影響された端末の統計** (Affected Terminal Statistics): Shows 100% of terminals are not affected and 0% are affected.
- 問題分布統計** (Problem Distribution Statistics): A donut chart showing the distribution of problems.
- 問題トレンド** (Problem Trend): A line chart showing the number of problems over time, with a single peak of 1 problem at 04/11 10:50.

# Cloudnet検知した攻撃を管理者にメールで伝える(続き)

- 問題 > アラーム > 警報購読

The screenshot displays the H3C Cloudnet management interface. The left sidebar contains a navigation menu with the following items: ダッシュボード, 問題 (1), 問題分析, アラーム (2), クライアント, ネットワーク, 最適化, セキュリティ, Safeguard, VIP, and AI-Driven Tasks. The main content area is titled '警報購読' (3) and includes a '警報トレンド' (Alert Trend) line chart and a '警告レベル 警報タイプTOP5' (Warning Level Top 5 Alert Types) bar chart. The '警告レベル' chart shows 2 alerts at the 'ヒント' (Hint) level and 0 alerts at other levels. Below the charts is a '警報詳細' (Alert Details) section with filters for '警告レベル', '警報解除状態', '警報タイプ', '警報エリア', and '警報デバイス'.

警告レベル	数
致命的	0
緊急	0
重大	0
注意	0
ヒント	2
解除されました	0

項目	設定
警告レベル	無制限
警報解除状態	無制限
警報タイプ	無制限
警報エリア	無制限
警報デバイス	無制限

# Cloudnet検知した攻撃を管理者にメールで伝える(続き)

- スマートO&M > 問題 > アラーム > 警報購読

アラームを検知した場合、「メール警報」を選択し、警報を送信するメールアドレスを選択します。  
メールアドレスは管理者のアドレスとなります。

①

②

③

# Cloudnet検知した攻撃を管理者にメールで伝える(続き)

- 警報分類 > Device stateとSmart O&Mからの警報を通知する

The screenshot shows the Cloudnet interface with the 'Smart O&M' tab selected. The 'Alarm List' page is displayed, showing a table of alarm configurations. The 'Device state' category is selected, and a red box highlights the 'Device state' section of the table.

Alarm Category	Alarm Type	Alarm Severity	Alarm Triggers
<input checked="" type="checkbox"/>	CPU Usage	Tip	Avg CPU usage within 10 min exceeds 85 % (75 to 100, 85 by default)
<input checked="" type="checkbox"/>	Memory Usage	Tip	Avg memory usage within 10 min exceeds 85 % (75 to 100, 85 by default)
<input checked="" type="checkbox"/>	AP bulk dropped	Tip	In the past 0 min one or more APs are disconnected,(0 to 120, 0 by default) ?
<input checked="" type="checkbox"/>	AP frequent dropped	Info	An AP dropped more than 5 times in 24 hours yesterday
<input checked="" type="checkbox"/>	Device offline	Info	Device offline from cloud platform for more than 10 minutes / 24 hours
<input checked="" type="checkbox"/>	Device frequently offline	Minor	Device offline from cloud platform more than 7 times within 10 minutes
<input checked="" type="checkbox"/>	AP batch online	Tip	In the past 0 min one or more APs are connected,(0 to 120, 0 by default)
<input checked="" type="checkbox"/>	Port UP/DOWN	Info	Device port status changed
<input checked="" type="checkbox"/>	Port PoE	Info	Port PoE function status changed
<input checked="" type="checkbox"/>	IP Address Conflict	Minor	IP address conflicts were detected on a switch interface
<input checked="" type="checkbox"/>	EoGRE Tunnel Interface Up/D own	Tip	EoGRE Tunnel Interface State Change
<input type="checkbox"/>	Device upgraded successfully	Tip	Device upgraded successfully
<input type="checkbox"/>	Device upgraded failed	Minor	Device upgraded failed
<input type="checkbox"/>	Device restart	Info	Device restart
<input type="checkbox"/>	Device unbinding	Info	Device unbound from the CLI

# Cloudnet検知した攻撃を管理者にメールで伝える(続き)

- 警報分類 > Device stateとSmart O&Mからの警報を通知する

The screenshot displays the Cloudnet interface with the 'Alarms' section selected in the left sidebar. The main content area shows a table of alarms, with a red box highlighting the table and the 'Alarms' menu item. The table lists various system alerts with their severity levels and descriptions.

Alarm Title	Severity	Description
<input checked="" type="checkbox"/> High forwarding CPU utilization	Tip	The device's CPU usage is high because it forwards too many data packets
<input checked="" type="checkbox"/> Broadcast multicast ratio is too high	Tip	Broadcast / multicast messages take up too much channel resources
<input checked="" type="checkbox"/> Excessive wired port traffic	Tip	Excessive traffic on the physical interface
<input checked="" type="checkbox"/> Device temperature alarm	Tip	Device temperature abnormality detected
<input checked="" type="checkbox"/> RF does not start	Info	RF is off
<input checked="" type="checkbox"/> High noise floor	Info	AP noise floor is too high
<input checked="" type="checkbox"/> Message congestion	Info	Message congestion
<input checked="" type="checkbox"/> Channel radar avoidance	Tip	The RF working channel has detected a radar and has evaded
<input checked="" type="checkbox"/> Wired port receiving error packets continue to grow	Tip	Continuously receiving error packets on the physical interface of the AP
<input checked="" type="checkbox"/> AP wired port is Down	Info	AP physical interface status is set to DOWN
<input checked="" type="checkbox"/> Wired port negotiation rate is low	Tip	AP physical interface negotiation rate is low <input type="checkbox"/> Enable Periodic Sending (Once a Day)
<input checked="" type="checkbox"/> Wired port receiving resources are insufficient	Tip	The AP physical interface peer sends packets too fast
<input checked="" type="checkbox"/> Wired ports continue to send wrong packets	Tip	The physical interface of the AP continues to send out error messages
<input checked="" type="checkbox"/> Wired ports negotiate half-duplex	Tip	AP physical interface duplex mode negotiation is half duplex
<input checked="" type="checkbox"/> AP temperature alarm	Info	AP temperature abnormality detected
<input checked="" type="checkbox"/> Insufficient sending resources	Info	Insufficient sending resources
<input checked="" type="checkbox"/> Beacon frame sending failed	Info	Beacon frame sending failed
<input checked="" type="checkbox"/> Beacon frame resource is insufficient	Info	Beacon frame resource is insufficient



# Cloudnet検知した攻撃を管理者にメールで伝える(続き)

- 警報分類 > Device stateとSmart O&Mからの警報を通知する

The screenshot shows the Cloudnet interface with the 'Smart O&M' tab selected. The 'Alarms' section is active, displaying a list of 15 alarms. Each alarm entry includes a checkbox, a severity level dropdown, and a description with configuration options.

Alarm Name	Severity	Description
Beacon frame resource is insufficient	Info	Beacon frame resource is insufficient
Data message sending failed	Info	Data message sending failed
Insufficient message resources	Info	Insufficient message resources
WAN port uplink bandwidth alarm	Tip	Alarm uplink bandwidth within past 10 minutes on the WAN port: 50 M (Value range: 1-1000. Default: 50).
WAN port downlink bandwidth alarm	Tip	Alarm downlink bandwidth within past 10 minutes on the WAN port: 2 M (Value range: 1-1000. Default: 50).
Large deviation in flow ratio in and out direction	Tip	The proportion of the outgoing and incoming traffic of the device exceeds the preset threshold of the system
High 2.4GHz channel usage	Info	Channel usage of 2.4 GHz radios exceeds 60 % (Range: 20-100, Default: 60).
High 5GHz channel usage	Info	Channel usage of 5 GHz radios exceeds 60 % (Range: 20-100, Default: 60).
Too many clients on 2.4 GHz radios	Info	Number of clients on 2.4 GHz radios exceed 20 (Range: 10-200, Default: 20).
Too many clients on 5 GHz radios	Info	Number of clients on 5 GHz radios exceed 40 (Range: 10-200, Default: 40).
WAN port connectivity	Minor	WAN port connectivity check. Packet loss rate exceeded 10 % (10-100, 10 by default) in 10 minutes
Loop detected on switch port	Minor	Loop detected on switch port
Too much Tx broadcast or multicast traffic	Minor	Broadcast or multicast transmission rate exceeds 100 in the statistics collection period(40-500, 100 by default)
IRF split	Minor	IRF split
STP discarding detected on switch port	Minor	STP discarding detected on switch port

# Cloudnet検知した攻撃を管理者にメールで伝える(続き)

- 警報分類 > Device stateとSmart O&Mからの警報を通知する

The screenshot shows the Cloudnet Alarm List interface. The left sidebar contains navigation options: Dashboard, Issues, Issue Analysis, Alarms (highlighted), Clients, Network, Optimization, Security, Safeguard, VIP, and AI-Driven Tasks. The main content area is titled 'Alarm List | Subscription' and displays a list of alarm categories and their notification settings. A red box highlights the 'Fault Reports' section, which includes the following settings:

Category	Alarm Name	Severity	Notification	Description
Router	Region lock	Tip	<input type="checkbox"/>	Device moved out of locked region
	3G/4G link detection	Tip	<input type="checkbox"/>	3G/4G link disconnected/established
	Traffic threshold	Tip	<input type="checkbox"/>	Traffic threshold exceeded
Clients	Signal strength	Tip	<input type="checkbox"/>	Signal strength lower than threshold
	Online device ratio	Tip	<input type="checkbox"/>	Online device ratio lower than threshold
	VPN tunnel state	Tip	<input type="checkbox"/>	VPN tunnel established/disconnected
	Wired link detection	Minor	<input type="checkbox"/>	Wired connection disconnected/established
Fault Reports	Card Insertion or Removal	Tip	<input checked="" type="checkbox"/>	A card or sub card on the device was inserted or removed;
	Camera Disassociation	Minor	<input type="checkbox"/>	Camera went offline.
	Abnormal Camera Traffic	Info	<input type="checkbox"/>	Uplink traffic of client failed to reach <input type="text" value="50"/> KB/s (10-2048, 50 by default).
	Critical client goes offline	Minor	<input type="checkbox"/>	In the past <input type="text" value="0"/> min one or more critical clients were disconnected (0 to 120, 0 by default) ?
Clients	Critical client goes offline frequently	Info	<input type="checkbox"/>	A critical client went offline over 5 times in the past day
	Critical client goes online	Tip	<input type="checkbox"/>	In the past <input type="text" value="0"/> min one or more critical clients were connected (0 to 120, 0 by default) ?
	Doctor AP	Minor	<input type="checkbox"/>	One Doctor AP test notification sent

At the bottom of the interface, there are 'OK' and 'Cancel' buttons. The 'OK' button is highlighted with a red box.

## 受信したメールの例

From: <[cloudnet@oasisinfo.h3c.com](mailto:cloudnet@oasisinfo.h3c.com)>

日付: 2022年4月12日(火) 10:46

件名: Cloud platform-Alarm

To: <[site\\_manager@h3c.com](mailto:site_manager@h3c.com)>

Cloud platform-Alarm The device WX1840H\_DEMO in the TS Demo site outgoing and incoming traffic ratio exceeds the system pre-made threshold, and there may be a large number of broadcast message replication.

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