带AireOS控制器的DNA空间强制网络门户配置示例

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简介

本文档介绍如何使用Cisco DNA Spaces和AireOS控制器配置强制网络门户。

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先决条件

要求

Cisco 建议您了解以下主题：

- 对无线控制器的命令行界面(CLI)或图形用户界面(GUI)访问
- 思科DNA空间

使用的组件

本文档中的信息基于以下软件和硬件版本：

- 5520无线LAN控制器版本8.10.112.0

配置

网络图

cisco DNA Spaces



```
*apfMsConnTask_5: Apr 09 21:49:06.227: 34:e1:2d:23:a6:68 Updating the client capabiility as 4
*apfMsConnTask_5: Apr 09 21:49:06.227: 34:e1:2d:23:a6:68 Processing assoc-req station:34:e1:2d:23:a6:68
*apfMsConnTask_5: Apr 09 21:49:06.227: 34:e1:2d:23:a6:68 CL_EVENT_ASSOC_START (1), reasonCode (1), Resu
*apfMsConnTask_5: Apr 09 21:49:06.228: 34:e1:2d:23:a6:68 Sending assoc-resp with status 0 station:34:e1
```

DHCP和第3层身份验证：

```
*apfMsConnTask_5: Apr 09 21:49:06.228: 34:e1:2d:23:a6:68 Mobility query, PEM State: DHCP_REQD
*webauthRedirect: Apr 09 21:49:51.949: captive-bypass detection enabled, checking for wispr in HTTP GET
*webauthRedirect: Apr 09 21:49:51.949: captiveNetworkMode enabled, mac=34:e1:2d:23:a6:68 user_agent = A
*webauthRedirect: Apr 09 21:49:51.949: 34:e1:2d:23:a6:68- Preparing redirect URL according to configure
*webauthRedirect: Apr 09 21:49:51.949: 34:e1:2d:23:a6:68- unable to get the hostName for virtual IP, us
*webauthRedirect: Apr 09 21:49:51.949: 34:e1:2d:23:a6:68- Checking custom-web config for WLAN ID:1
*webauthRedirect: Apr 09 21:49:51.949: 34:e1:2d:23:a6:68- Global status is 0 on WLAN
*webauthRedirect: Apr 09 21:49:51.949: 34:e1:2d:23:a6:68- checking on WLAN web-auth type
*webauthRedirect: Apr 09 21:49:51.949: 34:e1:2d:23:a6:68- Web-auth type External, using URL:https://spl
*webauthRedirect: Apr 09 21:49:51.949: 34:e1:2d:23:a6:68- Added switch_url, redirect URL is now https:/
*webauthRedirect: Apr 09 21:49:51.949: 34:e1:2d:23:a6:68- Added ap_mac (Radio ), redirect URL is now ht
*webauthRedirect: Apr 09 21:49:51.949: 34:e1:2d:23:a6:68- Added client_mac , redirect URL is now https:
*webauthRedirect: Apr 09 21:49:51.950: 34:e1:2d:23:a6:68- Added wlan, redirect URL is now https://splas
*webauthRedirect: Apr 09 21:49:51.950: 34:e1:2d:23:a6:68- http_response_msg_body1 is <HTML><HEAD><TITLE
*webauthRedirect: Apr 09 21:49:51.950: 34:e1:2d:23:a6:68- added redirect=, URL is now https://splash.dn
*webauthRedirect: Apr 09 21:49:51.950: 34:e1:2d:23:a6:68- str1 is now https://splash.dnaspaces.io/p2/me

*webauthRedirect: Apr 09 21:49:51.950: 34:e1:2d:23:a6:68- Message to be sent is
HTTP/1.1 200 OK
Location: https://splash.dnaspaces.io/p2/mexeast1?switch_url=https://192.0.2.1/login.html&ap_mac=70:d3:
*webauthRedirect: Apr 09 21:49:51.950: 34:e1:2d:23:a6:68- 200 send_data =HTTP/1.1 200 OK
Location: https://splash.dnaspaces.io/p2/mexeast1?switch_url=https://192.0.2.1/login.html&ap_mac=70:d3:
*webauthRedirect: Apr 09 21:49:51.950: 34:e1:2d:23:a6:68- send data length=688
*webauthRedirect: Apr 09 21:49:51.950: 34:e1:2d:23:a6:68- Url:https://splash.dnaspaces.io/p2/mexeast1
*webauthRedirect: Apr 09 21:49:51.950: 34:e1:2d:23:a6:68- cleaning up after send
```

第3层身份验证成功，将客户端移至RUN状态：

```
*emWeb: Apr 09 21:49:57.633: Connection created for MAC:34:e1:2d:23:a6:68
*emWeb: Apr 09 21:49:57.634:
ewaURLHook: Entering:url=/login.html, virtIp = 192.0.2.1, ssl_connection=0, secureweb=1

*ewmwebWebauth1: Apr 09 21:49:57.634: 34:e1:2d:23:a6:68 10.10.30.42 WEBAUTH_NOL3SEC (14) Change state t
*ewmwebWebauth1: Apr 09 21:49:57.634: 34:e1:2d:23:a6:68 CL_EVENT_WEB_AUTH_DONE (8), reasonCode (0), Res
*ewmwebWebauth1: Apr 09 21:49:57.634: 34:e1:2d:23:a6:68 CL_EVENT_RUN (9), reasonCode (0), Result (0), R
*ewmwebWebauth1: Apr 09 21:49:57.634: 34:e1:2d:23:a6:68 10.10.30.42 RUN (20) Successfully plumbed mobil

*emWeb: Apr 09 21:49:57.634: User login successful, presenting login success page to user
```

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思科采用人工翻译与机器翻译相结合的方式将此文档翻译成不同语言，希望全球的用户都能通过各自的语言得到支持性的内容。

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