Cloudi-Fi
certified with OmniAccess Stellar™

As the number of local internet breakouts deployed rapidly increases, Wi-Fi is massively used by a rising number of untrusted devices—such as guest devices or BYOD—needing to connect to the Internet quickly and efficiently to operate. Corporations face new security risks and challenges, legal liabilities, and resource allocation concerns. It is crucial to onboard those users and devices with controlled, secured, and compliant access to the Internet.

Cloudi-Fi answers those challenges by offering a global cloud-based Identification platform and captive portal solution to securely onboard and connect untrusted users and devices at scale.

Integration Overview:

The Cloudi-Fi solution's integration with ALE is based on the following services and components that need to be activated during the configuration:

- Cloudi-Fi external captive portal to automate authentication, profiling, and smooth onboarding of user devices' access to private and public networks.
- Radius Server service for authentication and accounting
- Syslog server service to collect logs and implement the compliance feature.
- DNS service for name resolution.
- HTTP / HTTPS service for a captive portal redirection.

The illustration shows the association between Cloudi-Fi and Alcatel Lucent Enterprise.
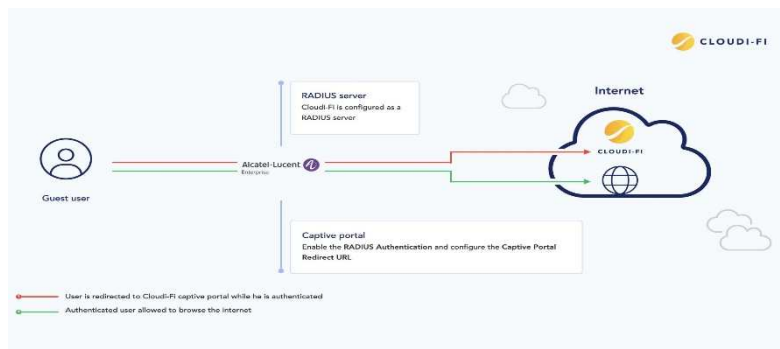
- First, the guest user connects to the Internet through an open (SSID) configured on the Alcatel Lucent Enterprise Access point.
- Then, a custom authentication portal is immediately displayed on the user's device.
- Finally, they are redirected to the Cloudi-Fi portal for authentication.
- Cloudi-Fi hosts the captive portal, handles guest authentication, and manages access logs.
- The guest user is invited to identify himself with the method of his choice.
- Once authenticated, the user can browse the Internet.

Integration Details:

The Alcatel-Lucent Enterprise and Cloudi-Fi partnership takes Alcatel-Lucent Enterprise's Wi-Fi one step further, offering a cloud-based captive portal solution, global data privacy regulation compliance, and enriched user experience for guests and BYOD. The Cloudi-Fi Identification platform and cloud captive portal service provide a complete offer with unique added value benefits:

- Modern cloud-based captive portal builder
- Compliance with local regulations
- Enriched user
- Enhanced security on the Wi-Fi access
- API-friendly CRM integration enhances the opt-in collection and management of identities, related campaigns, and monetization.
- Event module

For technical support, contact:
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Technical Details:

Environment	
Partner	ALE
• April 2024 release	• OAW AP 4.0.5 • OmniVista Cirrus 4.8.2

Supported APIs/Protocols
• HTTP/HTTPS

Company Overview:

Cloudi-Fi offers a cloud-based Identification platform through its captive portal service, helping organizations securely and efficiently manage Internet access for guests and BYOD in any physical location (Office campuses, buildings, manufacturing facilities, vehicles or retail shops, etc.).

The solution addresses modern organizations' vital challenges by securely onboarding, identifying, and authenticating unmanaged devices, respecting compliance obligations with existing local regulations, user data privacy, and personalized digital services through a personalized cloud-based captive portal.

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CAUTION: This validation provides customers with confidence that a partner's integration with an Alcatel-Lucent Enterprise on-premises platform is functionally sound and performs as designed. This can help customers reduce deployment risk, lower total cost of ownership, and improve the user experience related to the partner's integrated offering.
However, be aware, this document is associated with an InterWorking Report (IWR) available on the ALE Business Portal which give all possible restrictions and limits.

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Solution

Alcatel·Lucent
Enterprise