

Uncover guests, BYOD and IoT with Zscaler



Secure • Authenticate • Automate • Simplify

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Discover how Cloudi-Fi and Zscaler work together to authenticate guests, BYOD, and IoT devices

Empower your Zscaler ZIA with a compliant identity and access management provider to authenticate and secure guest, BYOD, and IoT, delivering ZTNA by design.

What if securely and reliably identifying guests, BYOD, and IoT were as easy as closing your home's front door? Well, Santa may have heard your wishes! Cloudi-Fi cloud-based captive portal is now the ONLY identity and access management Zscaler partner with native integration in the Zscaler platform!

Here is what Patrick Lecadet from TotalEnergies says about Cloudi-Fi:

“Cloudi-Fi are experts in what they are selling. They understand our complex requirements and pain points. Sometimes, they can even advise on problems beyond their scope of work. Cloudi-Fi's unique and innovative solution helped us simplify our guest wifi authentication process. Their team is very responsive to our needs. I appreciate their professionalism and agility”,



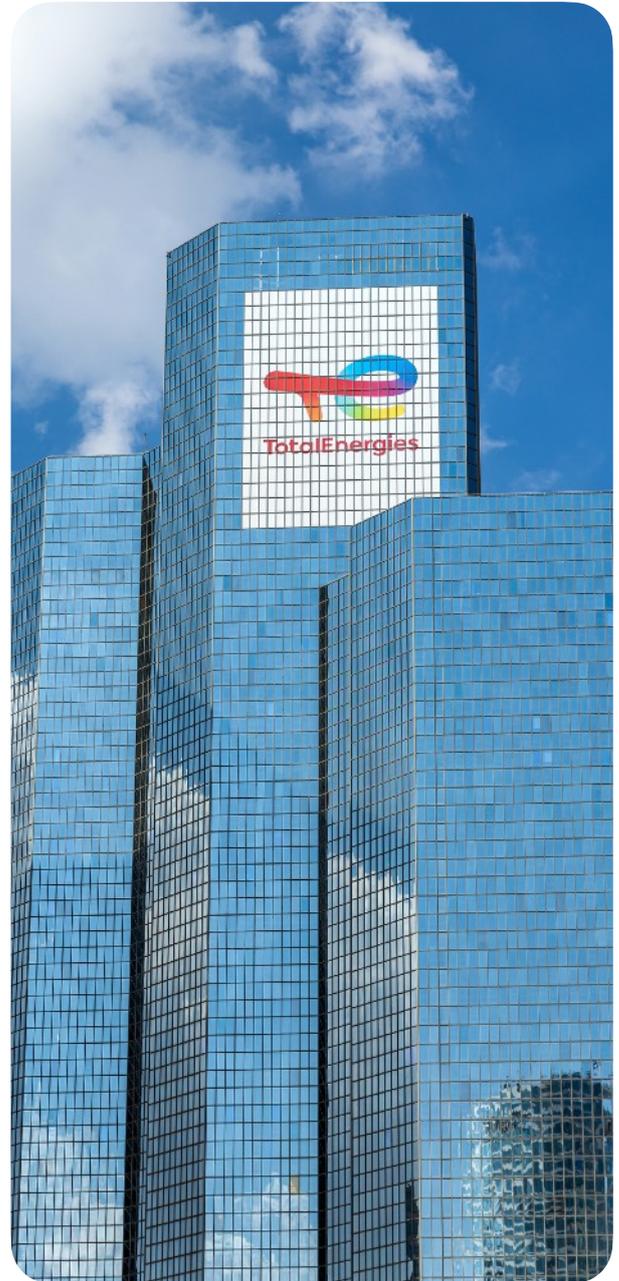
Patrick Lecadet, Security Engineer at Total Energies

Cloudi-Fi's helps TotalEnergies to power guest Wi-Fi authentication

TotalEnergies is a leading multi-energy company that produces and markets energies globally. The company has over 100,000 employees and works actively in over 130 countries. In 2017, TotalEnergies initiated the "IT Foundations" program and started to look for a SaaS solution to replace their on-premises infrastructure, which became obsolete and hard to maintain. Cloudi-Fi captive portal solution enables seamless deployment and management of all guests' internet access from one central administration interface.

Simple, autonomous, and secure wifi captive portal management

Previously, user login requests were pending until the responsible employee approved them manually. This manual approval process undermines the user experience and diminishes efficiency. Cloudi-Fi captive portal solution enables automatic secure authentication as users' login will be approved instantly right after registration steps are completed.



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Cloudi-Fi wifi captive portal makes guest wifi authentication effortless for users to safely and compliantly gain internet access in the shortest time possible. Cloudi-Fi cloud captive portal solution offers multiple authentication modes to enable secure verification of varying user types. Temporary visitors who need 24-hour Wi-Fi access can self-verify through email, while long-term contractors need sponsors and identification codes for self-authentication.

Cloudi-Fi's wifi captive portal's latest version offers native customization features to improve autonomy and flexibility for guests and solution administrators in charge. Administrators are fully autonomous in updating their wifi captive portal branding, legal assets, and onboarding options, simplifying the modification process and saving time and effort for the team in charge.

Meanwhile, the Cloudi-Fi user-friendly admin interface enables administrators to securely monitor, control, and manage all internet connections from one place. Cloudi-Fi cloud-based captive portal solution allows TotalEnergies to scale and adapt to fluctuating demand without effort.

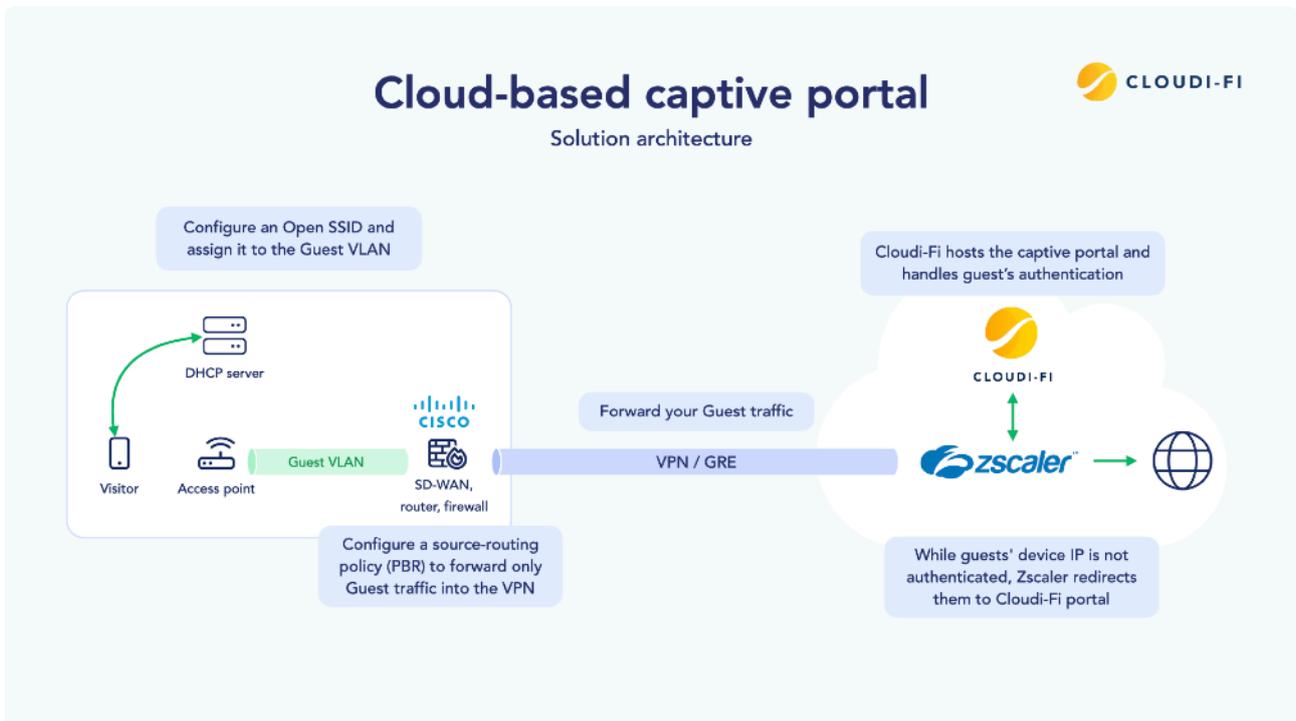
Captive portal all-in-one solution

Securing internet access and guest wifi authentication for different user profiles and requirements can be challenging for global organizations. Internet access control includes many verticals, such as duration/time, resource type, and security policy. Cloudi-Fi allows TotalEnergies to address all these complex requirements while managing different traffic with one solution, simplifying network administration without compromising security.

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Easy and seamless integration

Thanks to Cloudi-Fi native integration with Zscaler ZIA and Cisco, the connection with TotalEnergies' existing ecosystem was rapid, transparent, and seamless. The Cloudi-Fi solution can be configured on Zscaler ZIA and deployed on Cisco access points. No additional hardware or software is required to enable the Cloudi-Fi captive portal solution. TotalEnergies can maintain its existing infrastructure while enjoying the multiple benefits provided by Cloudi-Fi.

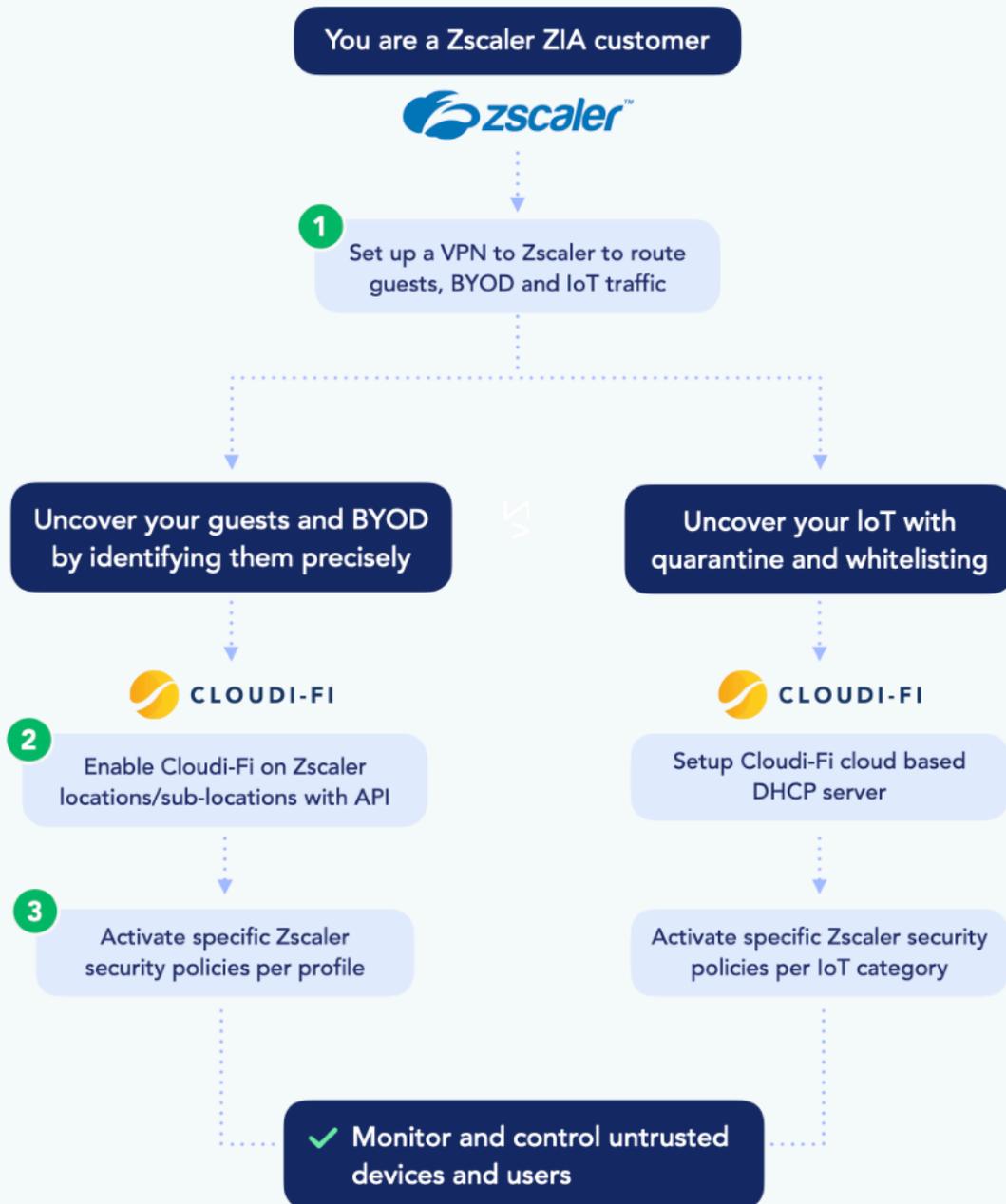


To conclude, Cloudi-Fi wifi captive portal offers a simple yet secure and scalable solution for modern enterprises to monitor and manage guest wifi authentication efficiently. By deploying a highly customizable captive portal solution, TotalEnergies improved guests' user experience while simplifying network administration for the internal team in charge.

With one single solution, TotalEnergies can now manage different traffic and user types with one centralized platform with complete wifi analytics dashboard access. The captive portal solution integration with the existing network infrastructure was effortless, thanks to Cloudi-Fi's unique native integration and partnership with many well-known network and security service providers.

How does it work?

Uncover guests, BYOD and IoT with Zscaler and Cloudi-Fi



How to video: enable authentication for guest, BYOD, and IoTs



[Click here to access the video](#)

Cloudi-Fi's unique native integration into Zscaler offers swift deployment, scalability, centralized management, and customization options for businesses and organizations looking to provide secure access to the internet. One of its key features is that the Cloudi-Fi cloud captive portal provides a unique entry point to authenticate and secure internet access for all users: Guest, IoT, and BYOD.

A cloud-captive portal can be a secure gateway for users to access the internet, easily customizable by the business to push specific context-based information. For example, some customers use the Cloudi-Fi captive portal to push special offers, coupons, or paid Wi-Fi options.

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Compliance, security

Identify your users for a personalized experience

Easily identify and personalize your guests and visitors. Profile your users to apply specific security policies and adapt your Wi-Fi usage accordingly.

Multiple authentication modes can be combined: employee sponsorship, SMS, QR code, social networks, Teams, Slack User will be automatically recognized for future visits.

IoT

Cloudi-Fi manages IoT access, security, and compliance. With its cloud-based DHCP service, Cloudi-Fi provides discovery, identification, and classification of all IoT devices. In combination with Zscaler, the solution allows IoT-specific security policies in line with a Zero Trust strategy.

Ensure compliance

With local data centers around the world, personal data encrypted, user management of his data. Cloudi-Fi makes sure the users comply with local regulations: Data privacy (GDPR, CCPA, LGPD...) but also internet service provider laws.

Adopt a global solution

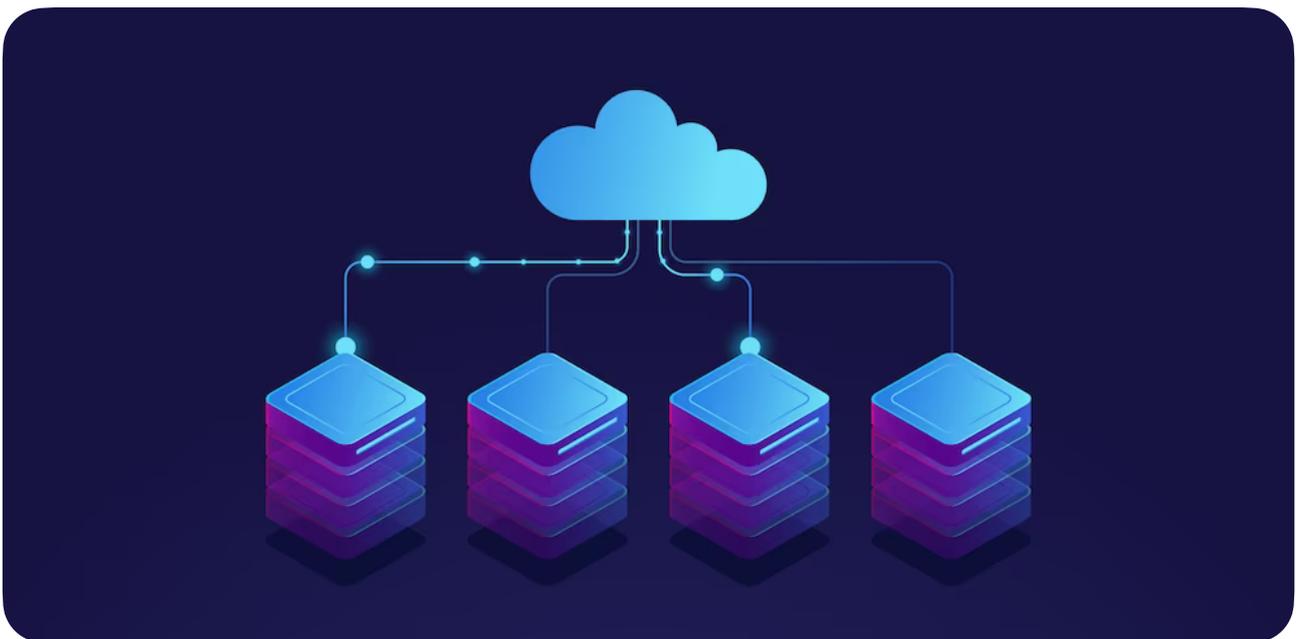
Cloudi-Fi can be deployed instantly, remotely, across the world regardless of the existing infrastructure. The architecture is flexible and suited for SD-WAN environments with local internet breakouts. The solution also interconnects with existing digital solutions.

Zscaler tenant and Cloudi-Fi identity and access management (IAM)

A Zscaler tenant is a logical group within the Zscaler platform representing a customer or organization. It provides a separate and isolated environment for the customer's users, applications, and data.

Cloudi-Fi allows a unique entry point wireless hotspot network using existing internet connections. These connections can be configured to require users to authenticate with their identity and access management (IAM) credentials before being granted access to the network. Cloud-Fi unique authentication gateway ensures that only authorized users can access the network and provide a central point for managing and tracking user access.

It can offer personalized user onboarding and security by providing customized login pages, role-based access control, and two-factor authentication, ensuring that access to these resources is secure and compliant.



Uncovering guests and BYOD can be done using Cloudi-Fi and Zscaler.

Businesses can quickly deploy and manage Guest internet access at multiple locations, ensuring that traffic is secured and compliant with relevant regulations and standards. This is made possible through our integration within the Zscaler API, which enables businesses to customize their guest and employee internet access experience based on their specific needs and requirements.

Damien Chastrette, co-founder and CEO at Cloudi-Fi, explains that “one of the key benefits of using Cloud-Fi and Zscaler together is enabling Cloudi-Fi at specific locations or sub-locations with the unique Zscaler API native integration.”

This allows businesses to tailor authentication requirements, processes, and experiences to the particular needs of each location, ensuring that users have a convenient and user-friendly experience while maintaining the necessary level of security and compliance. It is also possible to enable specific security policies per user profile, offering optimal combinations for managing and securing network access for offices, campuses, retail locations, and Wi-Fi hotspots.

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Cloudi-Fi's unique cloud-based DHCP server



When deploying and managing a secure network, DHCP servers are essential to safelist devices. DHCP servers are responsible for assigning IP addresses to all devices on a network, ensuring that they can communicate with each other and access the internet.

Cloudi-Fi has developed a unique solution to offer a 100% cloud-based DHCP server. Cloudi-Fi cloud-based DHCP server offers several benefits over traditional on-premise servers. First and foremost, it is highly scalable and flexible, allowing businesses to add or remove devices as needed quickly. This is particularly useful for companies that operate in multiple locations or experience fluctuating demand to connect to their network. It is also possible to activate specific security policies per IoT category.

Another key benefit of our cloud-based DHCP server is its high reliability and uptime. By hosting the DHCP server in the cloud, Zscaler customers can use the cloud's redundant infrastructure and failover capabilities, ensuring optimal internet connection experience, security, and uptime.

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