Cloudi-Fi integration within Zscaler ZIA
Empower your Zscaler with a compliant identity provider for guest, BYOD and IoT

KEY FEATURES OF OUR SOLUTION

- Extend existing Zscaler tenant to guests, BYOD and IoT with total control and visibility
- Authenticate corporate guests, BYOD and IoT as well as customers with hotspots
- Provide personalized onboarding and security for users
- Ensure compliance with local regulations (Data privacy and Internet provider regulations)
- Leverage captive portal services for Hotspots and Retailers
- Enable quick & frictionless deployment using existing infrastructure

INTEGRATIONS

- Cloudi-Fi
- Zscaler ZIA

The rise of cloud adoption by enterprises has democratized distributed networks. As the Internet is consuming corporate networks, local Internet breakouts with SD-WAN and Wi-Fi are becoming essential (and often sufficient) to users’ connectivity and productivity.

Distributed networks by nature are promoting cloud-based services gradually replacing central infrastructure. Zscaler authenticates and secures employees and their managed devices. Still, the lack of complete and accurate identification of users (such as consultants, freelancers, and employees with BYOD) and untrusted devices like IoT makes organizations continue to authenticate on central infrastructure (controller, anchor controller, NAC, etc.). This consumes bandwidth resources unnecessarily and adds complexity in managing those users and devices.

Cloudi-Fi is extending the authentication capability of Zscaler to authenticate (and secure accordingly) all users and devices, including BYOD and IoT. This is particularly relevant to existing Zscaler ZIA customers who are one click away of this capability.

Zscaler integration into the Cloudi-Fi administration interface
HOW IT WORKS

Cloudi-Fi is a 100% cloud-based SaaS solution that centralizes and unifies Guests, BYOD and IoT access management. It seamlessly integrates within Zscaler and is particularly suited for SD-WAN architectures with local internet breakouts. Cloudi-Fi increases visibility, compliance, and control of Internet usage by all users.

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.

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.

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.

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.

Identified devices & authenticated users
- Guest
- IoT
- BYOD
- Cabled IoT

Internet security with Zscaler
Authentication embedded into the security solution

Enhancements
- Captive portal for user based authentication
- Quarantine & whitelist of IoT devices
- Security profiling: Specific policy for each category of devices & users
- Compliance with local regulations
APPLICATION

With Corporate networks, the solution uses the local Internet breakouts efficiently while removing the dependence to central solution.

The different types of users are profiled to propose and adapt a compliant, secure, and personalized Wi-Fi access.

Captive portal pages can be leveraged to automate digital services on site.

With IoT, the solution accompanies the full IoT lifecycle by controlling the network access of the IoT assets, identifying, and classifying the IoT into category, applying automated IoT security rules accordingly and monitoring the IoT behavior in real time for control and remediation.
ZSCALER AND CLOUDI-FI BENEFITS

One central management with delegated administration capabilities.

Cloudi-Fi solution provides user profiling and identification which allows Zscaler to define specific security policies per user profile.

Cloudi-Fi solution provides IoT identification and classification which allows Zscaler to define specific security policies per IoT category.
ZSCALER AND CLOUDI-FI ELIGIBILITY

Uncover guests, BYOD & IoT

Are you a Zscaler customer?  

**NO**

Are you a ZIA customer?  

**NO**

SUBSCRIBE TO ZSCALER

**YES**

Are your guests, BYOD and IoT routed to Zscaler?  

**NO**

Set up a VPN to Zscaler to route guests, BYOD and IoT traffic

**YES**

Do you want to uncover your guests and BYOD by identifying them precisely?  

**NO**

Do you want to uncover your IoT? Quarantine and whitelisting  

**YES**

Enable Cloudi-Fi on Zscaler locations/sub-locations with API

**YES**

Activate specific Zscaler security policies per user profile

**NO**

**MONITOR AND CONTROL UNTRUSTED DEVICES AND USERS**

**SUMMARY**

Zscaler offers security as a service through a unique zero trust platform. Combined with Cloudi-Fi services, enterprises gain visibility and control on Guests, BYOD and IoT use. The solution provides a full-featured compliant and secure solution.

To learn more about Zscaler and Cloudi-Fi solutions
Please visit
Zscaler deployment
Zscaler Technology Partner page

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