

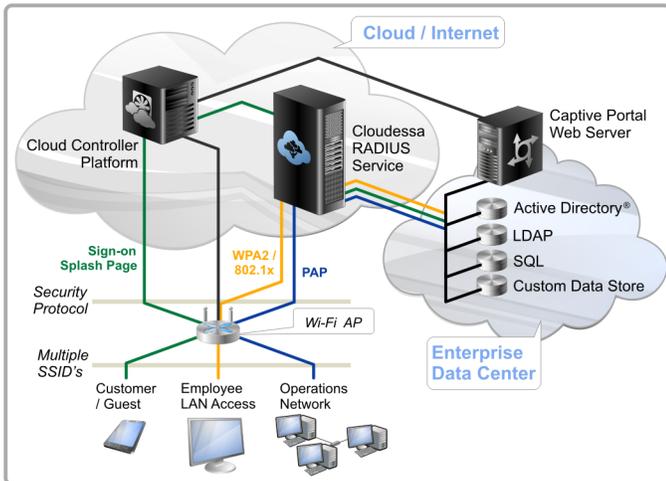
Cloudezza RADIUS

RADIUS Access Security is now a Cloud Service

Cloudezza RADIUS is a cloud service that provides a managed RADIUS/AAA and 802.1X access security solution. Now you can securely authenticate and control network access for all your users and devices without the cost and complexity of an on-premises RADIUS deployment.

Control Network Access for all your Users and Devices

Standards-based Cloudezza RADIUS provides the authentication, authorization, and accounting (AAA) infrastructure that businesses need to control and secure access to their networks and services, delivering the operational efficiency and cost savings of a cloud service, while freeing administrators to focus on core security configuration requirements.



All user & device network access requests are directed to Cloudezza RADIUS. Cloudezza then securely authenticates the request against appropriate enterprise or cloud user store.

RADIUS is the trusted and proven global standard for securing and controlling network access. It is the policy engine that mediates access through all types of network devices. Cloudezza RADIUS works with any RADIUS compatible network access gateway, including WiFi Access Points, VPN's, Firewalls, and other access gateways from Cisco, Meraki, Ruckus, Aruba, Juniper, and other leading vendors.

Powerful and Cost Effective

RADIUS/AAA is a vital component of any organization's network. And Cloudezza's cloud RADIUS service is a powerful and cost-effective choice for a wide variety of organizations:

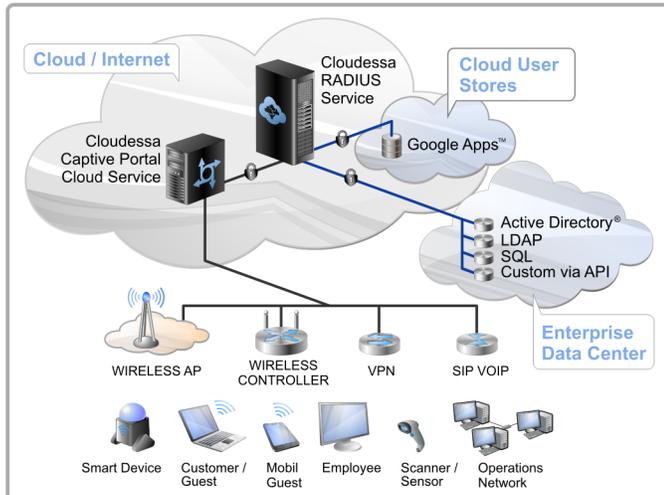
- **Small businesses** that might not have considered deploying RADIUS before can now avail themselves of powerful 802.1X based security, at an affordable price that scales with size.
- **Larger enterprises, educational institutions, and government agencies** that are migrating applications and infrastructure to the cloud, can now add RADIUS to that list, eliminating the cost of on-premises servers, while simplifying administration, and gaining scalability.
- **Guest, Hotspot and CoWorking Space access providers** now have a flexible and scalable RADIUS service option, that easily integrates with Captive Portal Sign-on Splash Pages to provide access control and usage logging, that requires no physical footprint.
- **M2M and Smart Meter network owners** that need to control access and accounting for networks of devices such as smart meters, sensors and vending machines can now easily integrate RADIUS into their network on a service basis, without any infrastructure investment.



Powerful Features to make your Deployment a Success

State-of-the-art Authentication Capabilities

- **Integrate with your existing user database.** You can choose to use Cloudezza's native user data store to authorize users, or you can link Cloudezza to your existing data store, whether Active Directory, LDAP or SQL databases such as Oracle and MySQL.



All user password exchanges are encrypted. Cloudezza does not duplicate user directories. Identities are controlled by IT in enterprise or cloud user store.

- **Integrate with new cloud user stores, such as Google Apps.** If Google Apps is your user authentication engine, Cloudezza RADIUS can forward RADIUS authentications to it, allowing your users to log in to the WLAN with their Google credentials.
- **Choose from a variety of authentication protocols.** Use MS-CHAPv2, SIP-Digest, MSISDN or EAP protocols such as TTLS, PEAP or LEAP for user logins, or use non-EAP protocols such as PAP for device authentication.
- **Make double-sure with 2-factor authentication.** A smartphone can provide a second layer of authentication in addition to a password. Cloudezza, in combination with Google Authenticator, turns your users' smartphones into one-time-password security tokens.

Advanced RADIUS Functionality

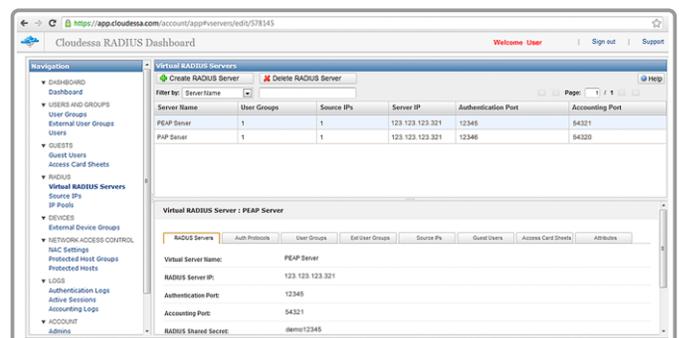
- **IP Address Management** – Cloudezza provides flexible IP address management capabilities, including static IP address assignment and dynamic address assignment from a pool.
- **System Logging & Reporting** – Cloudezza provides administrative level reports documenting all network login activity, and supports the export of CSV log files compatible with external reporting and billing applications.

Flexible Deployment Options

- **Cloud service** – the standard Cloudezza offering, providing a managed RADIUS service residing on the Amazon Web Services platform.
- **"White label"** managed cloud service – the same cloud service, private-labeled for resale by managed service providers.
- **Virtual appliance** – the Cloudezza RADIUS server packaged as a virtual machine for easy installation into a private cloud.

Easy Administration

Cloudezza's modern, easy-to-use HTML5 browser interface makes it simple and intuitive to configure and monitor your RADIUS service. And configuration wizards will guide you through the steps that will quickly make your service operational.



Cloudezza's secure Administrator Dashboard enables easy centralized configuration of all elements of access security.

Cloudezza, Inc.
2225 East Bayshore Road, Suite 200
Palo Alto, CA, 94303

