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## Loadbalancer PORTAL

Centralized management, automation and observability for your entire ADC infrastructure



## **ADC Portal**

The Loadbalancer ADC Portal is an intuitive, yet comprehensive platform that enables automation, orchestration, management, and analytics for application delivery across on-prem, cloud, hybrid and multi-cloud environments.

Centralized Management

3rd-party ADCs

Workflow scheduler

Observability

LOADBALANCER

Automation

Secure back-ups

Remote ADC updates

360° view of your ADC infrastructure

## What is the Portal?

# An ADC management and observability platform



#### A comprehensive ADC dashboard

Consolidate all your appliances in a single dashboard to effortlessly monitor their status.

#### A way to automate routine tasks

Create automated workflows to allow common ADC tasks to be set up and scheduled in advance.

#### A fully secure way to control assets

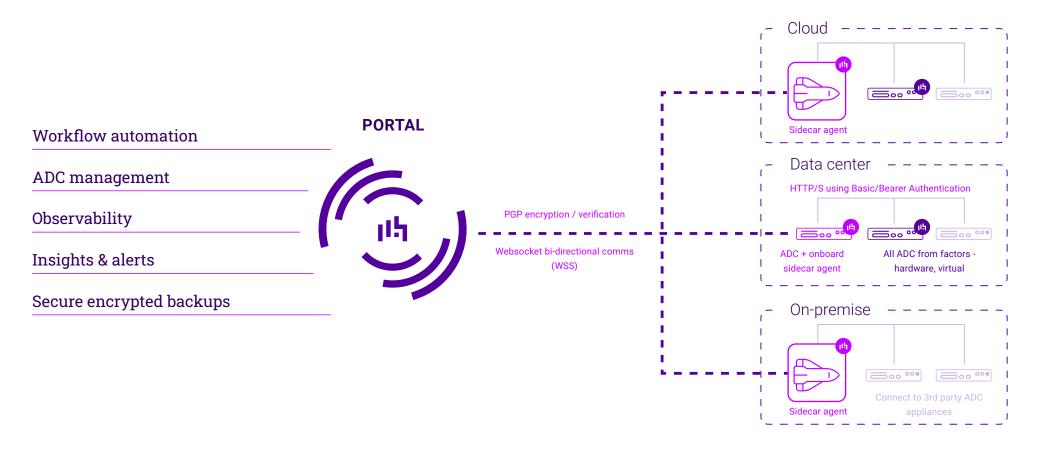
Full end-to-end security, using state-of-the-art cryptographic technology, combined with role based access, means you're always in control.



## Infrastructure

The ADC Portal is offered as a managed service and is located in Loadbalancer's secure cloud. Communication between the Portal and client instances (ADCs) is facilitated via a secure, encrypted websocket tunnel enabling bi-directional communication.

An intermediary sidecar agent (Shuttle) is used to further facilitate management of ADC instances from the Portal. Loadbalancer Enterprise (v8.8.1 and later) and Endurance ADC appliances are configured with built-in agents. The Shuttle agent is also available as a standalone virtual appliance that can be deployed within a client's local environment, data center or cloud.



## Is the ADC Portal secure?

The Loadbalancer Portal is offered as an ultra-secure, cloud-based subscription service (SaaS)

#### **Deep security architecture**

The ADC Portal is built around a concept of zero trust encryption and uses the Zero Trust Security model. This end-to-end encryption (E2EE) approach ensures all data within the Portal is always encrypted both at rest and in transit, meaning Loadbalancer.org can never see or read your data. All data encryption/decryption occurs within the client's environment using unique 256-bit ECC Account Keys.

#### Single Sign-on (SSO)

Single Sign-on is offered through Google, Microsoft Azure AD and SAML.

#### **Multi-factor authentication (MFA)**

Two-factor authentication (2FA) is available via SMS, authenticator app or email.

#### **Role-based access control (RBAC)**

Role based access control (RBAC) allows for the granular and secure control of Portal functionality by administrators using varying roles, groups, and users.

#### **Governance & risk compliance**

Loadbalancer.org is an ISO 9001 certified company and is actively working towards ISO 27001 certification. The company carries out regular security audits both internally and with independent 3rd-parties. The company adheres to the SOC 2 principles of security, availability, processing integrity, confidentiality and privacy.



## **ADC Dashboard**

# A centralized overview of your infrastructure

The Dashboard gives a single consolidated view of all your load balancing assets, wherever they are located. ADC appliances (hardware, virtual or cloud) and other network devices can be easily onboarded, giving a single view of all your appliances.

The List view enables instant sight of the operational and high availability (HA) status of your ADCs, as well as the ability to see their IP address, Port and software version. And, depending on privileges, various aspects of the load balancer can be edited (such as its name, Tags and Namespace).

To simplify the viewing of large numbers of appliances, Namespaces can be set up to group ADC instances together, for instance by physical location, network, application or team. A further level of filtering is available through the use of Tags. These user-defined monikers can be added to appliances and then easily searched. Up to 50 user defined Tags can be set-up and assigned to any number of appliances.

## **Automated workflows**

# Quickly and easily set up an automated workflow

#### Automated back ups



Use the scheduling tool to automate regular back ups on a daily, weekly, monthly, or annual basis.

#### **Scheduled updates**

Schedule updates in advance for times when usage is low, freeing up your IT team in the midnight hours.

#### **More efficient**

Tasks are completed without delay, guaranteeing the most efficient operating environment.

#### **More secure**

Vulnerabilities are patched much faster with automated updates, resulting in a more secure ADC suite.

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## **Online updates**

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|          | ADC Name                | Running Status | HA Status | IP Address     | Port        | Version         |             |
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# Take the burden out of staying up to date with automated online updates

ADC software is constantly evolving, whether to ward off new security threats or to provide improved functionality.

Keeping ADC appliances up to date (while obviously good practice) can be a challenge, especially in a large production environment.

With automated and scheduled updating that burden can be substantially reduced.

## Backups

## Automate backups on a daily, weekly, monthly, or annual basis

Regular backing up just makes good sense, and now its just become a lot easier with automated and centralized backup management.

Make changes to your ADC appliances with the full confidence that you can easily roll back to a backup version.

Create an instant backup ahead of major appliance changes or schedule regular backups at intervals that suit your needs.

Backups can be scheduled daily, weekly, monthly or annually at a time and date that suits you and each appliance can have an individual schedule.



## **Backup storage**

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| Backups            | Scheduled Date/Time            | File Size (Mb)         |                 |
|                    | 09 Jan 2022 01:00              | 0.1                    | 1               |
|                    | 23 Mar 2022 08:00              | 2.2                    | Restore Backup  |
|                    | 01 Jun 2022 01:00              | 1.4                    | Download Backup |
|                    | 15 Feb 2022 01:30              | 0.6                    | Delete Backup   |
|                    | 08 Dec 2022 01:30              | 0.6                    | i               |
|                    | 5 Total                        |                        |                 |
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### All your ADC backups securely stored

Backups are securely stored\* in the Portal for retrieval when required. The number of backups and length of time they can be stored is dependent upon the subscription package you are on.

Backups can be easily viewed and either restored, downloaded for storage elsewhere, or deleted.

\*Backups are fully encrypted (PGP encryption with 256-bit ECC keys) and stored within the Loadbalancer cloud. They can only be accessed by authorized client users. Loadbalancer.org have no access to client backups.



# New and upcoming features

# The Portal is following an aggressive innovation roadmap with new features added frequently

#### **3rd party ADC support**

The following ADC appliances are either supported (or will be shortly): Loadbalancer.org, F5 Big-IP, Progress Kemp LoadMaster, Citrix NetScaler, A10 Thunder and Edgenexus

### **Workflow Pipelines**

Take automation to the next level with Pipelines. Choose from a ready-made library of Pipeline tasks or create your own custom automations using a simple, intuitive no-code interface.

### **Security Advisory**

Instantly see new Common Vulnerabilities and Exposures (CVEs) issued for your deployed ADCs and get tailored advice on how to remediate.

#### See all the latest features

Keep up to date with the latest ADC Portal features at https://loadbalancer.org/products/portal/features



### LOADBALANCER

#### About the company

Our mission is to ensure your business is never interrupted by downtime — using tailored, high availability solutions to optimize application delivery.

Bringing decades of experience to your deployment, we're here to get to the heart of what matters to you, delivering uptime you measure in years, not months.

Find out if our clever, not complex, Application Delivery Controllers (ADCs), automation tools and exceptional, personalized support are the right fit for your application stack.

www.loadbalancer.org



SMART • FLEXIBLE • UNBREAKABLE

