Loadbalancer ADC Portal
Manage any load balancer, anywhere, from a single platform
**Table of contents**

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>What is the ADC Portal?</td>
<td>1</td>
</tr>
<tr>
<td>One ADC Portal to replace them all</td>
<td>2</td>
</tr>
<tr>
<td>How it connects to your network</td>
<td>3</td>
</tr>
<tr>
<td>Enhanced visibility</td>
<td>4</td>
</tr>
<tr>
<td>Effortless backups</td>
<td>5</td>
</tr>
<tr>
<td>Seamless updates</td>
<td>6</td>
</tr>
<tr>
<td>Automated tasks</td>
<td>7</td>
</tr>
<tr>
<td>Improved security</td>
<td>8</td>
</tr>
<tr>
<td>Effortless HA monitoring</td>
<td>9</td>
</tr>
<tr>
<td>Secure communication</td>
<td>10</td>
</tr>
<tr>
<td>End-to-end encryption</td>
<td>11</td>
</tr>
<tr>
<td>Governance and compliance</td>
<td>12</td>
</tr>
<tr>
<td>New and upcoming features</td>
<td>13</td>
</tr>
</tbody>
</table>
What is the ADC Portal?

An Application Delivery Platform for all your load balancers

Manage the load balancers you already have more efficiently with this intuitive vendor-agnostic solution.

Full observability, management, and automation of your ADCs for more effective application delivery across all your environments.

F5 BIG-IP, Citrix NetScaler, Progress Kemp LoadMaster, and Loadbalancer.org Enterprise all supported. More third-party vendors coming soon.
One ADC Portal to replace them all

Manage all of your load balancers from one platform.

**A single window of control**

Consolidate all your appliances from different vendors in a comprehensive ADC 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**

Built on a zero-trust security model with end-to-end encryption, the ADC Portal ensures data remains fully secure, both at rest and in transit.
How it connects to your network

Secure, bi-directional communication

The ADC Portal is offered as a managed service, 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 called the Shuttle is used to further facilitate management of ADC instances from the Portal. This Shuttle agent is also available as a standalone virtual appliance that can be deployed within a client’s local environment, data center, or cloud.

Loadbalancer Enterprise v8.11.1 and later, and Endurance ADC appliances, are pre-configured with built-in agents.
Enhanced visibility

Monitor all your third-party load balancers

Gain full visibility and control of your entire ADC infrastructure with the Portal ADC List.

The List view enables insight of the operational and high availability status of your ADCs, as well as the ability to see their IP address, Port, and software version.

Use Name, Tags, and Namespace to group, search for, and organize your appliances by location, network, application, or team.
Effortless backups

Operational peace of mind

Centralized visibility and intuitive backup functionality mean your ADCs can be backed up in just a few simple clicks, with the added reassurance that you can easily roll back to the preceding version if required.

Create an instant backup ahead of a major change, or use our automation workflows to schedule backups in advance.

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

Take the pain out of staying up to date

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

Keeping lots of different ADC appliances up to date can be complex and challenging.

With centralized visibility and updates, that burden can be substantially reduced.
Automated tasks

Quickly and easily set up an automated workflow

Automate backups
Choose a daily, weekly or monthly cadence and securely store your backups within the Portal.

Schedule updates
Schedule updates in advance for times of low usage, 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.
Improve security

Security insights to keep your ADCs protected and secure

Instantly see new Common Vulnerabilities and Exposures (CVEs) for your deployed load balancers.

Get tailored advice on how to remediate these CVEs.

Ensure all your appliances are patched and updated.
Effortless HA monitoring

High availability status at a glance

Running two ADCs in Active/Passive mode is the best way to deliver uninterrupted services.

The Portal allows easy checking of HA status with a simple traffic light system.

Clear Active and Passive signalling saves you time, preventing you from having to click through to individual records to establish their status.

<table>
<thead>
<tr>
<th>ADC Name</th>
<th>Running Status</th>
<th>HA Status</th>
<th>IP Address</th>
<th>Port</th>
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</thead>
<tbody>
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<td>Medi_Centre_1</td>
<td></td>
<td></td>
<td>192.168.69.243</td>
<td>9443</td>
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<tr>
<td>Medi_Centre_S1</td>
<td></td>
<td></td>
<td>192.168.69.240</td>
<td>9443</td>
</tr>
<tr>
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<tr>
<td>Data_Store_AB</td>
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<td>2035</td>
</tr>
<tr>
<td>Data_Store_AB</td>
<td></td>
<td></td>
<td>192.168.69.245</td>
<td>9443</td>
</tr>
</tbody>
</table>
Secure communication

Secure two-way communication using WebSocket Security

All communication takes place via a secure WebSocket protocol (WSS) with mTLS, requiring mutual certificate authentication of both the client and the server.

Only once this two-way authentication has taken place is a secure connection established, leading to the exchange of data.

Within this encrypted WSS channel, there are two methods of communication:

1. Event-driven requests - Sent as events to a sidecar agent we call the ‘Shuttle’ for added security and efficiency.

2. WARP-enabled remote HTTP proxy - Allowing ADC WebUIs to be viewed and manage over an encrypted connection.
End-to-end encryption

PGP encryption for additional security

In addition to secure WebSocket encryption, the Portal uses PGP encryption to send data via a sidecar agent called the ‘Shuttle’.

Because the ‘Shuttle’ is unable to read the messages being communicated its only role is to act as a vector to forward this information when, and only when, the private and public keys match.
Governance and compliance

A secure, cloud-based subscription service

The Loadbalancer ADC Portal leverages an advanced cloud authentication and network communications model that has been built for the highest levels of privacy, security and trust.

Loadbalancer.org holds Quality Management System (QMS) in high regard and carries out regular security audits and penetration tests internally, and with independent third-parties.

We also adhere to the SOC2 principles of security, availability, processing integrity, confidentiality, and privacy.
New and upcoming features

An aggressive innovation roadmap

More vendors coming soon!
A10, F5 NGINX Plus, AVI Networks, and Edgenexus appliances will also be supported, in addition to existing third-parties.

Workflow pipelines
Workflow pipelines will allow you to create custom automations using a simple, no-code interface, or choose from a library of ready-made tasks.

Certificate management
Keep your ADCs secure and compliant, with SSL/TLS certificate management. Discover, manage and renew.

Updates
New features will allow Progress Kemp, F5, and Citrix NetScaler appliances to be updated.

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

Test the ADC Portal for free

Scan me to try

Try the Portal with our fully-featured 90 day trial

SMART • FLEXIBLE • UNBREAKABLE