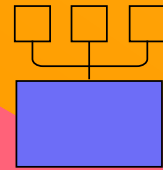Chef Automate Nodes

Chef Infra Server Nodes

# Load Balancing Progress Chef Automate and Infra Server

SOLUTION BRIEF

**Progress** Chef

**Progress** Kemp

**Is Progress Chef / LoadMaster the right fit for your organization?**

1. Does your organization need centralized infrastructure management solution?

2. Is availability and scalability important to your automated infrastructure management solution?

3. Is infrastructure security a challenge due to the number of systems in the environment?

4. Are you running an environment that spans across clouds and want to centralize infrastructure management?

More enterprise organizations have shifted their focus to find solutions to automate infrastructure management. This requirement is due to the advancements and complexities of the environment and the need to focus more on growing the business.

## Business Challenge

As many organizations have expanded their infrastructure to support the business, it has become a challenge to properly manage. The infrastructure that just existed on-premises has extended to the cloud making it more difficult to secure. The cost to manage the infrastructure has also become more expensive due to the increase in effort to manually manage these environments. For these organizations to stay relevant in today's market, the speed of innovation is key to the success of the business.

## The Progress Solution

**Progress Software** a a trusted leader in providing products designed to empower customers and push innovation for an available, scalable, intuitive, and secure solution.

Progress Chef delivers secure, scalable, and flexible infrastructure automation solution for the enterprise. Chef Automate delivers management and observability with real-time interactive dashboards. Highly regulated organizations can take advantage of the Chef Infra Agent, role-based access controls and the auditable history of changes to meet security compliance.

Progress Chef Infra Server works with Chef Automate and acts as a repository for configuration data. The Infra Server stores cookbooks, policies, and metadata for the Chef Infra Clients to digest. The Chef Infra Clients obtains the configuration details from the Chef Infra Server and makes the necessary configuration changes. This distributed approach provides the necessary scale for enterprise organizations.

LoadMaster's advanced health checking will ensure the Chef Automate and Infra Server services are available and ready to accept connections from systems through the infrastructure. Properly distribute traffic across the multiple back-end Chef servers ensure

**Progress**

Kemp Loadmaster

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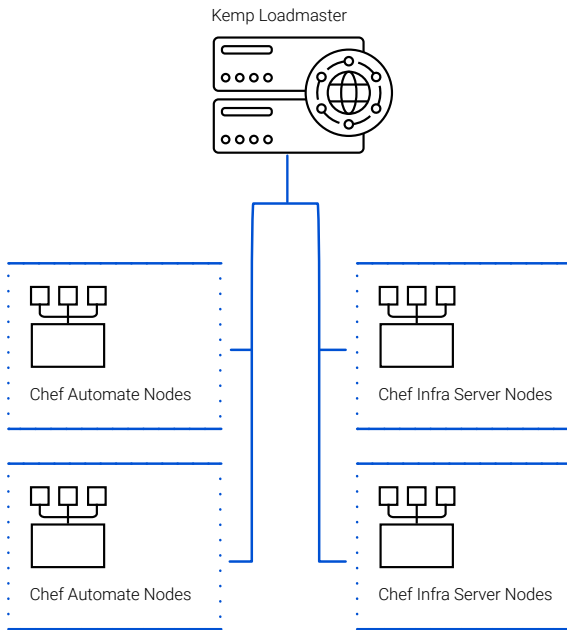
system resources are being appropriately utilized and therefore delivery the best performance.

**LoadMaster** combined with **Chef Automate** and Infra Server deliver an always-on application experience of a flexible, scalable and secure infrastructure automation solution for the enterprise. .

# Chef Advantages

1   **Secure** – Automate desired system state to minimize security risks.

2   **Scalable** – Deploy multiple back-end Chef servers to meet and exceed enterprise demands.

3   **Actionable Insights** – Real-time data for every node under management.

4   **Multi-Cloud** – Manage across data centers and clouds consistently and seamlessly.

5   **Risk Management** – Reduce risk with the ability to remediate quickly after discovery of vulnerability.

6   **Compliance** – Auditable history of changes to systems.

7   **Speed** – Ability to make changes and updates to the infrastructure in a fraction of the time.

# LoadMaster Advantages

**1**    **Deploy Anywhere** – Hardware, Virtual, and Cloud load balancing appliance are available.

**2**    **Scalability** – Hardware appliances with up to 90Gbps throughput to meet the needs for any size deployment.

**3**    **High Availability** – Deploy multiple LoadMasters to eliminate single points of failure.

**4**    **Simplified Configuration** – Use Application Template built for DataDirect to publish with ease using best practices.

**5**    **Automation** – Automate load balancing configuration using the LoadMaster API, Java, or PowerShell wrapper.

**6**    **Multi Site**– Provide multi site/ cloud resilience with LoadMaster Global Server Load Balancing (GEO).

## Contact Us

Progress Software offers an enterprise end to end secure, available, scalable, and flexible universal data connectivity solution. To learn more about this solution, call your Progress sales representative.

**About Progress**

Progress is the experienced, trusted provider of products designed with you, our customers, in mind. With Progress, you can build what you need, deploy where and how you want, empower your customers, then manage it all safely and securely. That way, you achieve growth even faster. Because Progress is not only our name, it's also what we want you to achieve.

→    **Try** a LoadMaster free for 30 days

**Progress®**