



# Free LoadMaster

## Product Overview

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#1 Load Balancer in Price/Performance, 360 Central, 360 Vision, Chef, Chef (and design), Chef Habitat, Chef Infra, Code Can (and design), Compliance at Velocity, Corticon, Corticon.js, DataDirect (and design), DataDirect Cloud, DataDirect Connect, DataDirect Connect64, DataDirect XML Converters, DataDirect XQuery, DataRPM, Defrag This, Deliver More Than Expected, DevReach (and design), Driving Network Visibility, Flowmon, Inspec, Ipswitch, iMacros, K (stylized), Kemp, Kemp (and design), Kendo UI, Kinvey, LoadMaster, MessageWay, MOVEit, NativeChat, OpenEdge, Powered by Chef, Powered by Progress, Progress, Progress Software Developers Network, SequeLink, Sitefinity (and Design), Sitefinity, Sitefinity (and design), Sitefinity Insight, SpeedScript, Stylized Design (Arrow/3D Box logo), Stylized Design (C Chef logo), Stylized Design of Samurai, TeamPulse, Telerik, Telerik (and design), Test Studio, WebSpeed, WhatsConfigured, WhatsConnected, WhatsUp, and WS\_FTP are registered trademarks of Progress Software Corporation or one of its affiliates or subsidiaries in the U.S. and/or other countries.

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# 1 Introduction

Free LoadMaster is a free of charge Virtual LoadMaster appliance which offers access to the core LoadMaster capabilities. The Free LoadMaster is restricted by capacity and, as such, is ideally suited to low-volume environments such as development, QA and pre-production.

## 1.1 Document Purpose

The purpose of this document is to provide an overview of the Free LoadMaster product.

## 1.2 Intended Audience

This document is intended to be read by anyone who is interested in finding out details about the Free LoadMaster product.

# 2 Free LoadMaster

The Free LoadMaster product has all core LoadMaster capabilities, including the:

- Global Server Load Balancing (GSLB) Feature Pack
- Edge Security Pack (ESP)
- Web Application Firewall Pack (WAF)

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Commercial rule updates are not supported on the Free LoadMaster.

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By default, only Community Support is available for the Free LoadMaster.

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## 2.1 Limitations

There are a number of limitations to be aware of if using a Free LoadMaster:

- 20Mbits L7 throughput
- 50 Transactions Per Second (TPS) 2K SSL keys

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Statistics will be sent to Kemp indicating the current peak traffic levels. If the traffic levels are approaching the license levels, a message will be displayed on the Web User Interface (WUI).

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- A maximum of two FQDNs can be created in the **Global Balancing** section. There is a limit of 100 UDP Queries Per Second (QPS) per FQDN for IPv4 and 100 UDP QPS for IPv6. These limits are exclusive to IP version, so it is possible to have a maximum of 200 IPv4 and IPv6 requests together. TCP connections are not limited.
- No firmware updates can be performed on the Free LoadMaster after receiving the initial firmware release
- Only community forum support is provided by default - <http://support.kemptechnologies.com>. However, there is an option to purchase support.

- High Availability (HA) is unavailable
- If the LoadMaster cannot contact the Kemp licensing service at all in a period of 30 days, the LoadMaster stops load balancing, that is, the Virtual Services are stopped. In this case, it is possible to download the LoadMaster configuration by taking a backup (**System Configuration > System Administration > Backup/Restore > Create Backup File**). It is also possible to upgrade the LoadMaster license to a permanent license using the **Upgrade** option on the **Home** page of the LoadMaster WUI. After a permanent license has been purchased, you can apply this to the LoadMaster using the **System Configuration > System Administration > Update License** option.

## 2.2 Set Up and License a Free LoadMaster

To install and configure the initial settings in the LoadMaster, follow the instructions which are specific to the type of platform the LoadMaster is being deployed on. Kemp have a number of Installation Guides with step-by-step instructions on how to install the LoadMaster. Refer to the Kemp documentation page to find the relevant Installation Guide:

<http://kemptechnologies.com/documentation/>

Please keep in mind that the licensing steps vary for the Free LoadMaster, such as the fact that online licensing is the only available licensing method. Refer to the next section for instructions on how to license the Free LoadMaster.

### 2.2.1 License a Free LoadMaster

After the LoadMaster has been installed and initially configured, the LoadMaster needs to be licensed. To license the Free LoadMaster, follow the steps below:

1. In a web browser, go to the LoadMaster WUI by entering **http://<LoadMasterIPAddress>** in the address bar.
2. The End User License Agreement (EULA) will be displayed.

If you do not agree with terms put forth above contact your KEMP Representative for further information and help.

Cancel

Agree

3. Scroll to the bottom of the page and click the **Agree** button to proceed.

### Please select license type

#### Select License Type

#### Summary

<input type="radio"/> Trial (Unrestricted)	A full-featured version, ideal for users wishing to test functionality and performance of the LoadMaster prior to going on production. The 30-day trial license is identical in feature-set to the Perpetual License, including support for High Availability (HA) Active/Hot-standby configurations and clustering. Get full access to professional telephone support and deployment assistance during your trial period.
<input type="radio"/> Free (Restricted)	Perfect for DevOps and Lab/Test deployments. Performance capacity is restricted to 20 Mbps throughput and 50 SSL TPS. HA configuration is not supported. Full access to community-based support, deployment guides, application templates, resources library, API documentation is provided.
<input type="radio"/> Perpetual	Choose this option to Activate your purchased LoadMaster instance. A KEMP Order ID number is required to complete the activation.

4. Select **Free (Restricted)** as the license type.

### Allow Call Home

As part of KEMPs continuous drive to offer better value and services to our customers KEMP has introduced a Call Home feature.

The LoadMaster can utilize Call Home to get available license updates, information regarding any updated firmware for your product and provide system status information to KEMP. The system status information will include Throughput, Enabled Features, Virtual Services and Real Servers details but will not include any unique personal information or actual traffic from your network.

Your LoadMaster will initiate a connection to KEMP once during any 24 hour interval.

**NOTE** – Allowing Call Home is mandatory for Free LoadMaster versions.

For more details on this visit [www.kemptechnologies.com/callhome](http://www.kemptechnologies.com/callhome)

**Don't allow** **Allow**

5. Click **Allow**.

KEMP ID:	<input type="text"/>	<b>License Now</b>
Password:	<input type="password"/>	
Order ID# (optional):	<input type="text"/>	

6. Enter the **Kemp ID** which is the email address which was used when registering a Kemp ID.

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A Kemp ID is needed to license a LoadMaster. To register for a Kemp ID, click the link provided in the LoadMaster. For instructions on how to create a Kemp ID, refer to the [Licensing, Feature Description](#).

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7. Click **License Now**.

## 2.3 Further Information

For more information, such as details on each of the features available and step-by-step instructions on how to configure them, please refer to the Kemp documentation:

<http://kemptechnologies.com/documentation/>.

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Please keep in mind when referring to the Kemp documentation that some functionality may differ or be unavailable in the Free LoadMaster.

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# References

Unless otherwise stated, the following documents are available from \_  
<http://kemptechnologies.com/documentation>

## **Licensing, Feature Description**

# Last Updated Date

This document was last updated on 27 July 2023.