

Free LoadMaster

Product Overview

UPDATED: 27 July 2023

© 2022 Progress Software Corporation and/or one of its subsidiaries or affiliates. All rights reserved.

These materials and all Progress® software products are copyrighted and all rights are reserved by Progress Software Corporation. The information in these materials is subject to change without notice, and Progress Software Corporation assumes no responsibility for any errors that may appear therein. The references in these materials to specific platforms supported are subject to change.

#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.

Analytics360, AppServer, BusinessEdge, Chef Automate, Chef Compliance, Chef Desktop, Chef Workstation, Corticon Rules, Data Access, DataDirect Autonomous REST Connector, DataDirect Spy, DevCraft, Fiddler, Fiddler Classic, Fiddler Everywhere, Fiddler Jam, FiddlerCap, FiddlerCore, FiddlerScript, Hybrid Data Pipeline, iMail, InstaRelinker, JustAssembly, JustDecompile, JustMock, KendoReact, OpenAccess, PASOE, Pro2, ProDataSet, Progress Results, Progress Software, ProVision, PSE Pro, Push Jobs, SafeSpaceVR, Sitefinity Cloud, Sitefinity CMS, Sitefinity Digital Experience Cloud, Sitefinity Feather, Sitefinity Thunder, SmartBrowser, SmartComponent, SmartDataBrowser, SmartDataObjects, SmartDataView, SmartDialog, SmartFolder, SmartFrame, SmartObjects, SmartPanel, SmartQuery, SmartViewer, SmartWindow, Supermarket, SupportLink, Unite UX, and WebClient are trademarks or service marks of Progress Software Corporation and/or its subsidiaries or affiliates in the U.S. and other countries. Java is a registered trademark of Oracle and/or its affiliates. Any other marks contained herein may be trademarks of their respective owners.

Please refer to the NOTICE.txt or Release Notes – Third-Party Acknowledgements file applicable to a particular Progress product/hosted service offering release for any related required third-party acknowledgements.

© 2022 Progress Software Corporation and/or one of its subsidiaries or affiliates. All rights reserved.

Table of Contents

1 Introduction **4**

1.1 Document Purpose 4

1.2 Intended Audience 4

2 Free LoadMaster **5**

2.1 Limitations 5

2.2 Set Up and License a Free LoadMaster 6

2.2.1 License a Free LoadMaster 6

2.3 Further Information 7

References **9**

Last Updated Date **10**

© 2022 Progress Software Corporation and/or one of its subsidiaries or affiliates. All rights reserved.

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.

© 2022 Progress Software Corporation and/or one of its subsidiaries or affiliates. All rights reserved.

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)

> Commercial rule updates are not supported on the Free LoadMaster.

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

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

> 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).

- 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.

© 2022 Progress Software Corporation and/or one of its subsidiaries or affiliates. All rights reserved.

- 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 be 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 > License Management** 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

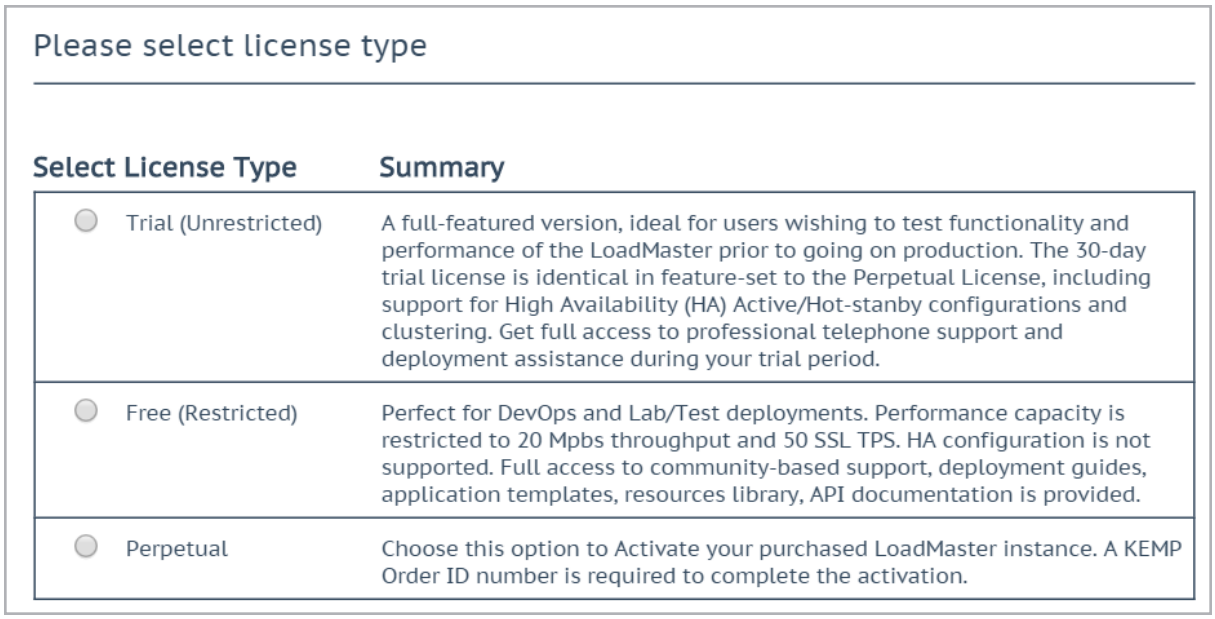
After the LoadMaster has been installed and initially configured, the LoadMaster needs to be licensed. To license the Free LoadMaster, follow the steps below:

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.



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

© 2022 Progress Software Corporation and/or one of its subsidiaries or affiliates. All rights reserved.



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



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

> 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.

6. 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/.

© 2022 Progress Software Corporation and/or one of its subsidiaries or affiliates. All rights reserved.

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

© 2022 Progress Software Corporation and/or one of its subsidiaries or affiliates. All rights reserved.

References

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

Licensing, Feature Description

© 2022 Progress Software Corporation and/or one of its subsidiaries or affiliates. All rights reserved.

Last Updated Date

This document was last updated on 27 July 2023.

© 2022 Progress Software Corporation and/or one of its subsidiaries or affiliates. All rights reserved.