

Sage X3

Deployment Guide

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**

2 Template **5**

3 Virtual Service - Sage X3 ..... **6**

3.1 Using the Template 6

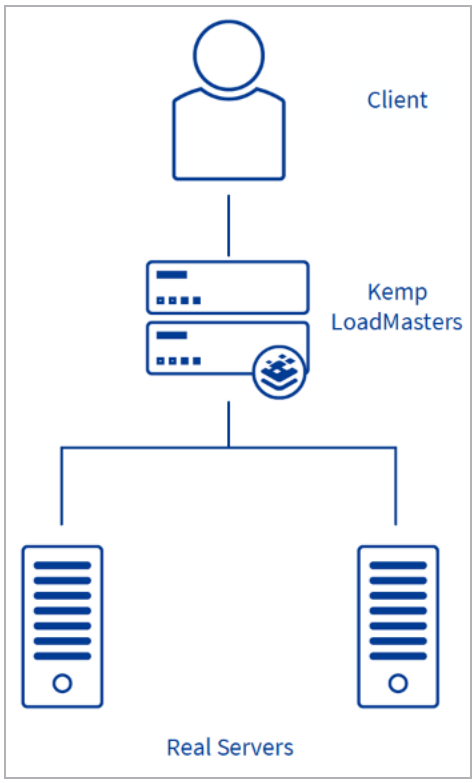
3.2 API Configuration 6

Last Updated Date **8**

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

1 Introduction

This guide details the steps required to configure a load balanced Sage X3 Server environment using the Kemp LoadMaster.



The LoadMaster offers advanced Layer 4 and Layer 7 server load balancing, SSL Acceleration, and a multitude of other advanced Application Delivery and Optimization (ADC) features. The Kemp LoadMaster can load balance the Sage X3 servers. The LoadMaster intelligently and efficiently distributes user traffic among the application servers so that users get the best experience possible.

This document provides guidance and recommended settings on how to load balance Sage X3 servers with a Kemp LoadMaster. The Kemp Support Team is available to provide solutions for scenarios not explicitly defined.

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

2 Template

Kemp has developed a template containing our recommended settings for this workload. You can install this template to help create Virtual Services (VSs) because it automatically populates the settings. You can use the template to easily create the required VSs with the recommended settings. For some workloads, additional manual steps may be required such as assigning a certificate or applying port following. These steps are covered in the document, if needed.

You can remove templates after use and this will not affect deployed services. If needed, you can make changes to any of the VS settings after using the template.

Download released templates from the following page: LoadMaster Templates.

For more information and steps on how to import and use templates, refer to the Virtual Services and Templates, Feature Description on the Kemp Documentation page.

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

3 Virtual Service - Sage X3

Refer to the sections below for details on using the Kemp template and recommended Application Program Interface (API) parameter values.

3.1 Using the Template

This step-by-step setup of the Virtual Service (VS) leverages the Kemp application template for Sage X3.

The table in the **API Configuration** section outlines the settings configured by the application template. You can use this information to manually configure VS or using the Kemp LoadMaster API and automation tools.

To configure a VS using the application template, perform the following steps:

1. In the main menu of the LoadMaster WUI, go to **Virtual Services > Add New**.
2. Type a valid **Virtual Address**.
3. Select **Sage X3** in the **Use Template** drop-down list.
4. Click **Add this Virtual Service**.
5. In the left-hand navigation select **View/Modify Services**
6. Click **Modify** on the **Sage X3** Virtual Service on port **tcp 8124**.
7. Expand the **Real Servers** section.
8. Click **Add New**.
9. Type the **Real Server Address**. (These are the Sage X3 servers.)
10. Confirm that **Port 8124** is entered.
11. Click **Add This Real Server**.
12. Repeat these steps to add more Real Servers as needed.

3.2 API Configuration

This table outlines the API parameters and values set using the Kemp application template. You can use these settings with scripts and automation tools.

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

API Parameter	API Value
port	8124
prot	tcp
schedule	lc
idletimeout	3600

© 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.