Progress®
Kemp® LoadMaster®

Deployment Guide Sage X3

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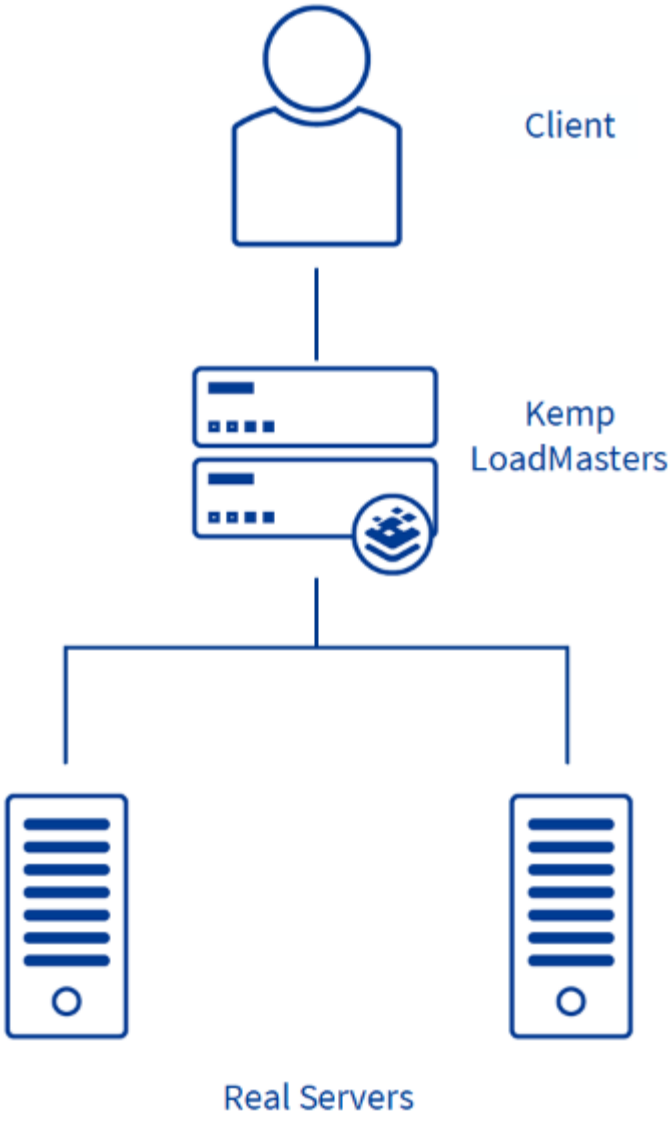
1

Introduction

This guide details the steps required to configure a load balanced Sage X3 Server environment using the 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 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 LoadMaster. The Progress Kemp Support Team is available to provide solutions for scenarios not explicitly defined.

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Template

Progress 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.

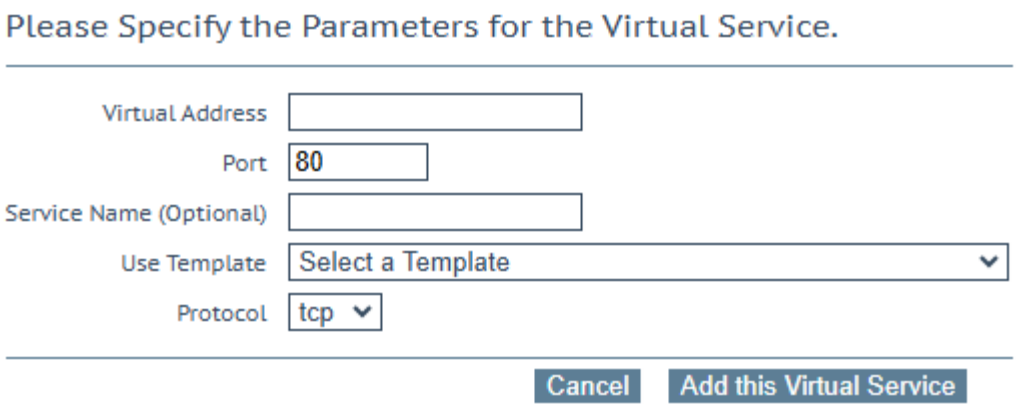
You can remove templates after use and this will not affect deployed services. If needed, you can make changes to any of the VS settings after using the template.

Download released templates from the following page: LoadMaster Templates.

You can import templates to the LoadMaster through the **Manage Templates** page under **Virtual Services** in the main menu of the LoadMaster User Interface (UI).

Click **Choose File**, select the template to install and click **Add New Template**. The template will then be available to select when you are adding a new Virtual Service.

To begin the process of creating a new Virtual Service, click **Virtual Services** and **Add New** in the main menu.



This opens the Virtual Service parameters page which prompts to enter the Virtual IP (VIP) address of the Virtual Service, the port, and the name to give the service and the protocol. You can select a previously-imported template in the **Use Template** drop-down list.

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

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Virtual Service - Sage X3

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

Contents

- Using the Template
- API Configuration

Using the Template

This step-by-step setup of the Virtual Service (VS) leverages the Progress 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 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.

API Configuration

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

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