



VMware Horizon Workspace 1.5

Deployment Guide

UPDATED: 30 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.

Table of Contents

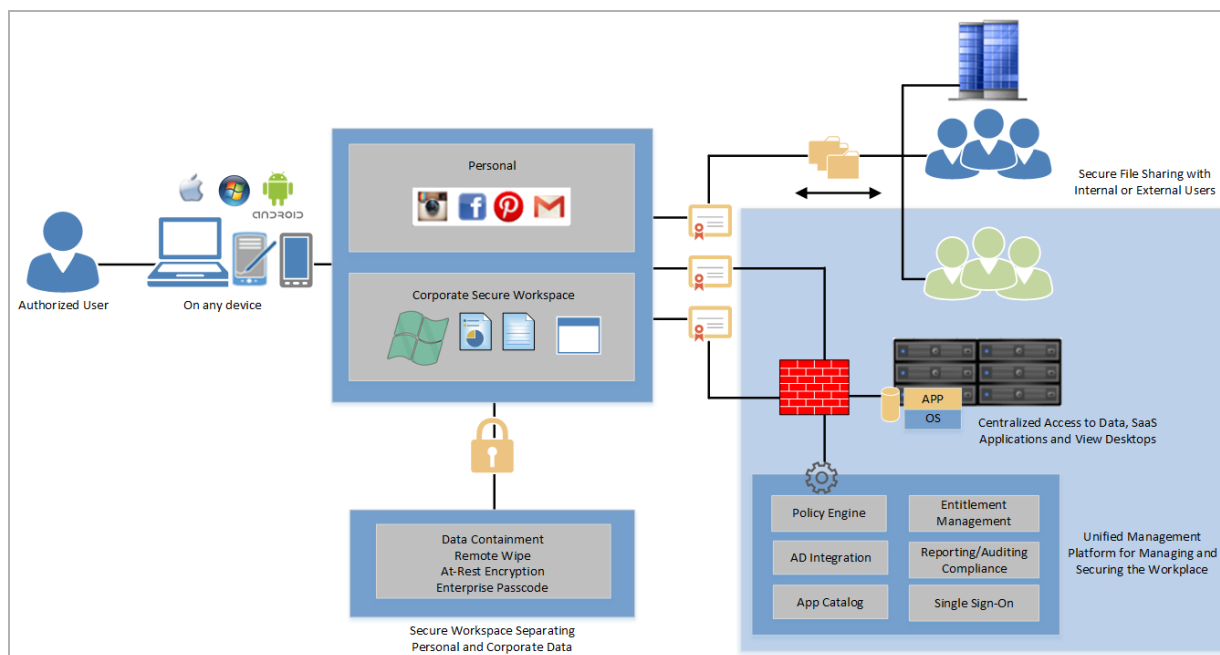
| | |
|---|-----------|
| 1 Introduction | 5 |
| 1.1 Document Purpose | 6 |
| 1.2 Intended Audience | 6 |
| 2 VMware Horizon Workspace Overview | 7 |
| 2.1 Horizon Connector Virtual Appliance (Connector-VA) | 7 |
| 2.2 Horizon Gateway Virtual Appliance (Gateway-VA) | 7 |
| 2.3 Other Horizon Workspace Components | 8 |
| 2.4 Load Balancing VMware Horizon Gateway-VAs | 10 |
| 2.5 Load Balancing VMware Horizon Connector-VAs | 12 |
| 3 Example Environment Setup | 14 |
| 4 Prerequisites | 15 |
| 4.1 Configure Gateway-VA NGINX Components | 15 |
| 4.1.1 Horizon Workspace 1.5 X-Forwarded-For Configuration | 15 |
| 4.1.2 Horizon Workspace 1.0 X-Forwarded-For Configuration | 16 |
| 4.2 Create a Content Matching Rule | 16 |
| 4.3 DNS | 17 |
| 4.4 SSL Certificate Import on the LoadMaster | 18 |
| 4.5 Update Connector iDP Hostname | 19 |
| 5 Template | 20 |
| 6 Virtual Service Configuration | 21 |
| 6.1 Gateway-VAs (External Virtual Service) | 21 |

| | |
|--|-----------|
| 6.2 Gateway-VAs (Internal Virtual Service) | 23 |
| 6.3 Connector-VAs | 23 |
| References | 26 |
| Last Updated Date | 27 |

1 Introduction

VMware Horizon Workspace provides a single workspace for easy and secure access to applications, files and desktops on virtually any device. It is delivered as a SUSE Linux-based vApp (an Open Virtual Appliance (.OVA) file) consisting of multiple Virtual Appliances (VA) that are deployed through VMware vCenter in a VMware infrastructure. The various deployed Virtual Appliances are used by the Workspace solution to provide:

- A centralized workspace for application and data access
- Cloud-Identity management
- Compliance requirements support
- Data and file synchronization
- Data leak prevention through separation of corporate and personal data
- Secure file sharing both internally and externally for collaboration enablement
- Simplified administrative management of resource entitlement and policy control



1.1 Document Purpose



The Virtual LoadMaster is VMware ready. This document is intended to provide guidance on how to configure the Kemp LoadMaster to provide High Availability (HA) for a VMware Horizon Workspace 1.5 environment. This document is not exclusively restricted to this version of VMware Horizon Workspace nor does it claim explicit support for any or every other version of the application.

This documentation is created using a representative sample environment which is described later in the document. As the intent of this document is not to cover every possible deployment scenario, it may not address your unique setup, requirements, network layout or needs. In such an event that your infrastructure needs are not illustrated or reflected herein, the Kemp Engineering and Support Teams are available to provide guidance surrounding scenarios otherwise not explicitly defined.

1.2 Intended Audience

It is assumed that the reader is a server or network administrator who is familiar with networking, virtualization technologies, Windows and Linux Operating systems, VMware and the Horizon suite, DNS, Active Directory and general computer and network terminology. It is further assumed that the VMware Horizon Workspace environment, DNS and Active Directory have all been set up and that the Kemp LoadMaster is installed. Kemp recommends reviewing the LoadMaster documentation and VMware Horizon Workspace 1.5 documentation.

- LoadMaster documentation is available at <http://www.kemptechnologies.com/documentation>
- VMware Horizon Workspace documentation is available at <https://www.vmware.com/support/pubs/horizon-workspace-pubs.html>

2 VMware Horizon Workspace Overview

This section provides:

- A description of the VMware Horizon Workspace Virtual Appliances that require high availability provided by an Application Delivery Controller (ADC), that is, the Kemp LoadMaster
- A description of some other Workspace components
- A reference diagram of the VMware Horizon Workspace architecture

2.1 Horizon Connector Virtual Appliance (Connector-VA)

The Horizon Connector provides capabilities for local user authentication and Active Directory binding and synchronization services. Additional services provided by the Connector-VA are ThinApp catalog loading and View pool synchronization.

To provide high availability and improved scalability, multiple Connector virtual appliances should be deployed behind an internal load balancer/reverse proxy.

2.2 Horizon Gateway Virtual Appliance (Gateway-VA)

The Horizon Gateway serves as the single namespace for all Horizon Workspace interaction and enables a user-facing domain for access to Horizon Workspace. It serves as the central aggregation point for all client connections, routes client traffic to the correct destination and proxies all requests. Horizon Workspace requires one Gateway-VA for every two data virtual appliances or one Gateway-VA for every 2,000 users.

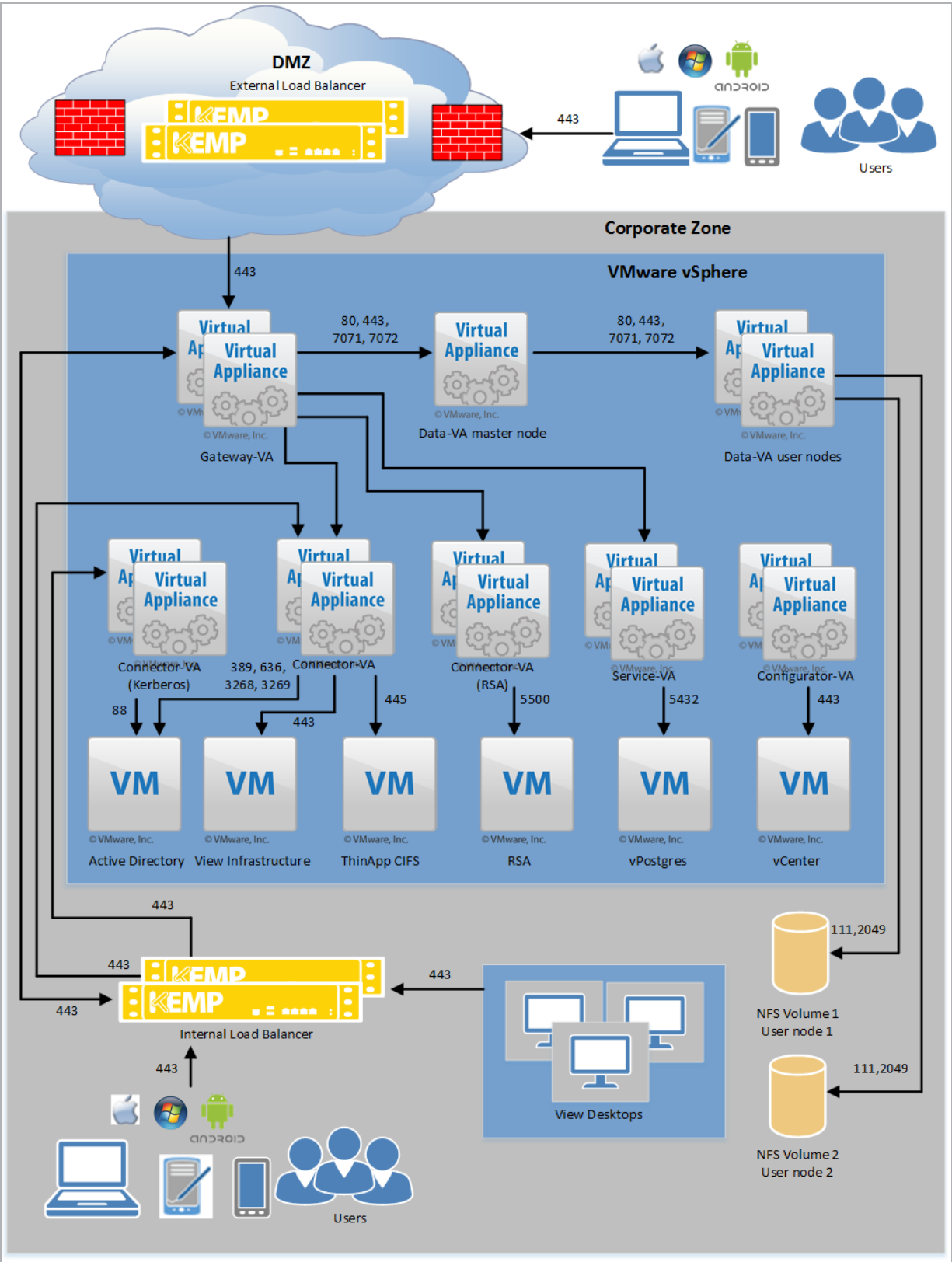
To provide high availability and improved scalability, multiple Gateway virtual appliances should be deployed behind a load balancer/reverse proxy. It is not supported to place Gateway virtual appliances in the DMZ.

2.3 Other Horizon Workspace Components

Other virtual appliances included in the Horizon Workspace vApp are:

- **Horizon Configurator (Configurator-VA)** – An administrative console and web user interface for central SSL management as well as network, Gateway, vCenter and SMTP configuration of the virtual appliances in the Horizon vApp.
- **Horizon Manager (Service-VA)** – A web-based administrative interface allowing configuration of the application catalog, user entitlement management and systems reporting.
- **VMware Horizon Data (Data-VA)** – Serves as a datastore for user files, controls file sharing policies, provides file preview services and acts as the Horizon Workspace web interface for end-users.

2 VMware Horizon Workspace Overview



Internal and external Gateway load balancing can be handled either by two separate load balancers or a single load balancer with connections to both the DMZ and internal trusted local area network segments.

Connector load balancing is handled by the internal load balancer.

2.4 Load Balancing VMware Horizon Gateway-VAs

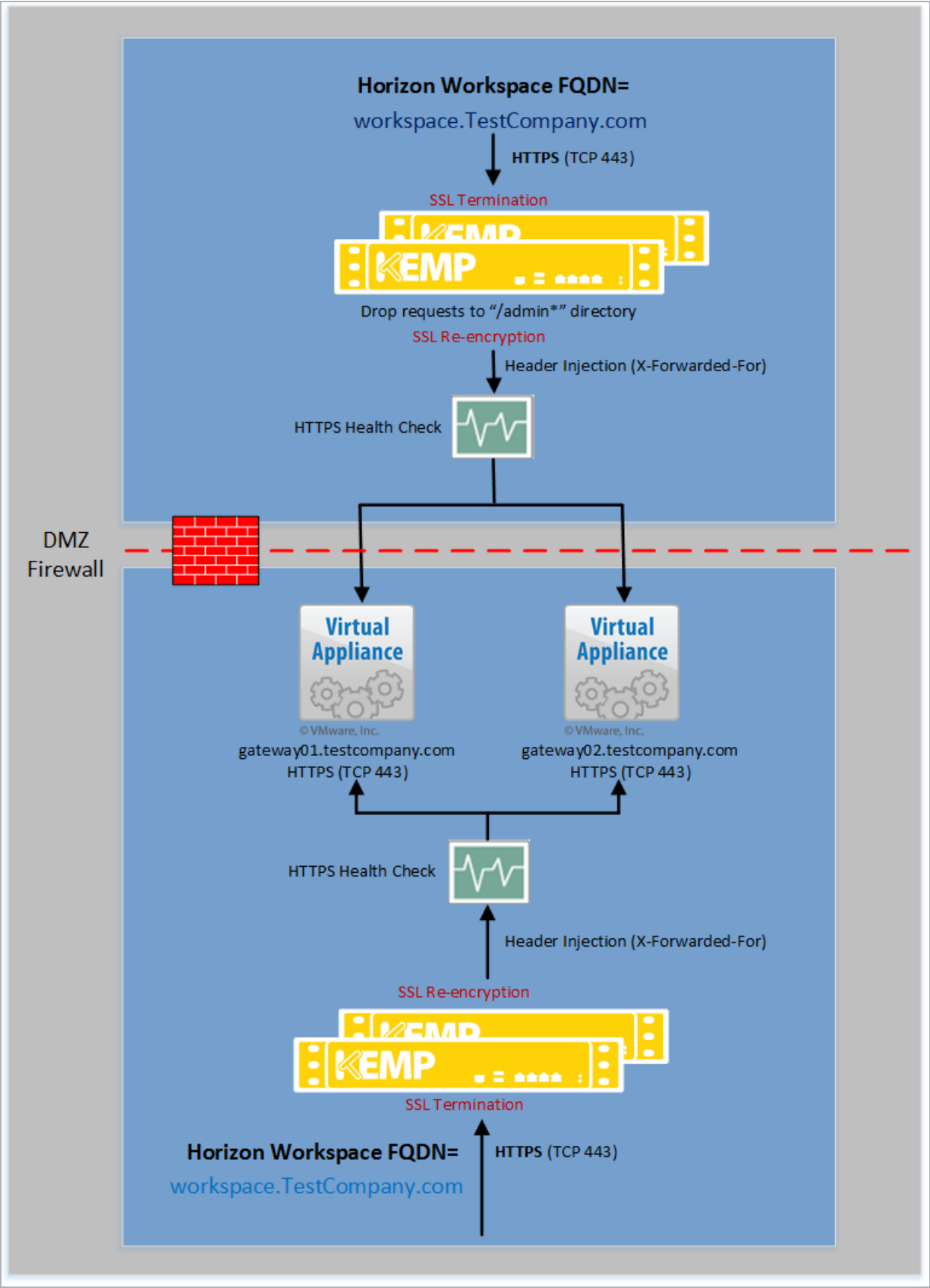
The steps and diagram below depict a Kemp LoadMaster deployment with a VMware Horizon Workspace environment:

1. The client establishes an SSL connection to the LoadMaster Virtual Service for the VMware Horizon Workspace URL and the LoadMaster performs SSL decryption.

If desired, the LoadMaster can be configured to deny external access to the administrative section of Horizon Workspace for added security.

2. The X-Forwarded-For header with the requestor's client IP address is inserted.
3. The LoadMaster re-encrypts the connection and continues communication with Gateway Virtual Appliance(s).
4. The client request is load balanced to the most appropriate Gateway Virtual Appliance based on health check and persistence validation.

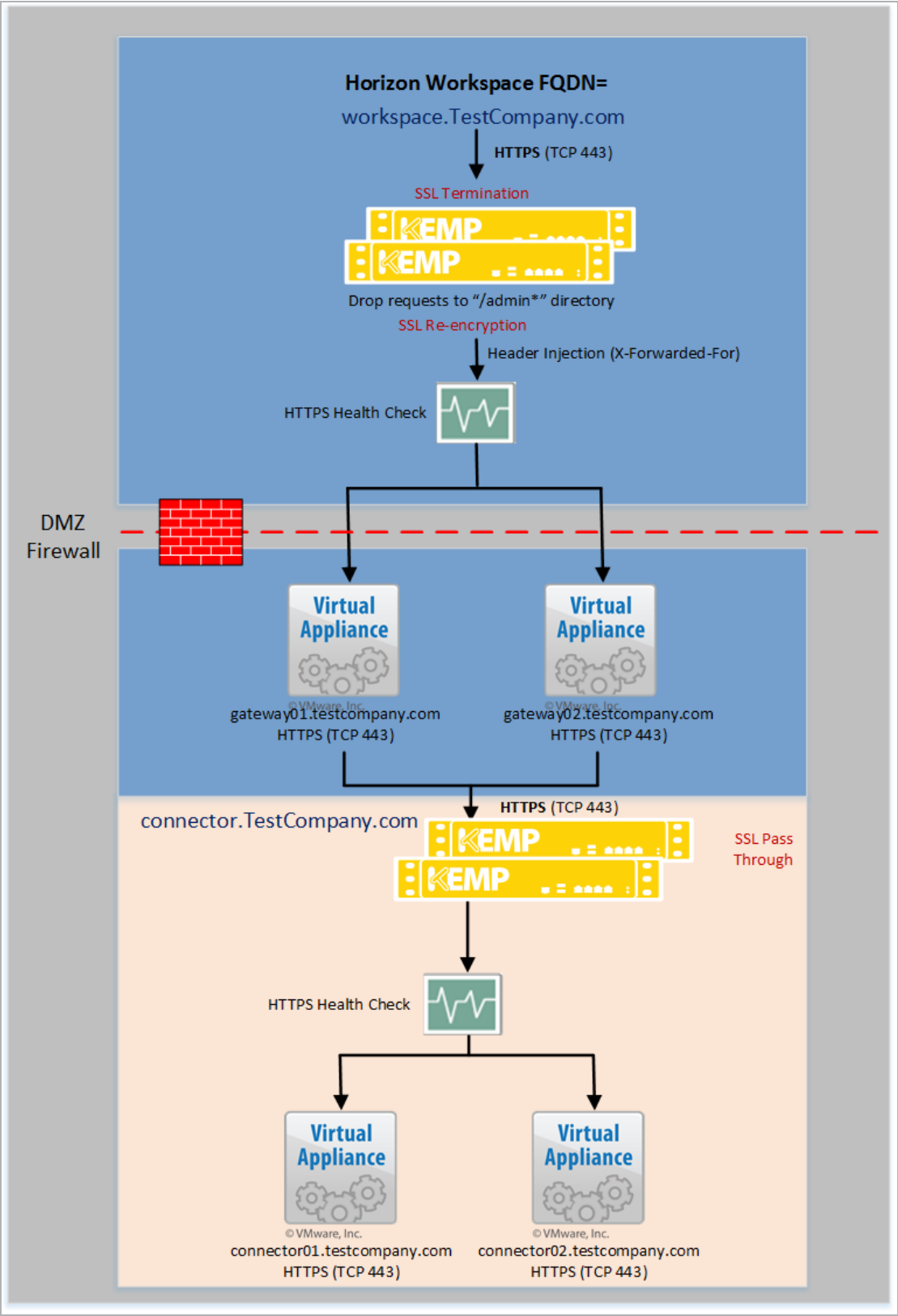
Traffic initiated by internal clients behaves in the same manner aside from restricting access to the administrative virtual directory.



2.5 Load Balancing VMware Horizon Connector-VAs

The steps and diagram below depict a Kemp LoadMaster deployment with a VMware Horizon Workspace environment:

1. After client traffic is passed through the LoadMaster to the appropriate Gateway-VA as detailed in the **Load Balancing VMware Horizon Gateway-VAs** section, the Gateway looks at the X-Forwarded-For header to determine which Connectors to use for authentication.
2. The client request is then redirected to the appropriate Connector iDP URL. The LoadMaster hosting the Connector Virtual Service sends the response to the best suited Connector-VA.
3. The Connector sends an HTTPS redirect to the client so that the client now connects directly to its FQDN.
4. Using Kerberos, the Connector authenticates the client request against Active Directory.



3 Example Environment Setup

TestCompany has deployed VMware Horizon Workspace 1.5 in their environment to provide centralized workspace access from a variety of devices by their workforce. The infrastructure is accessed by clients both internally and externally. Among other supporting components, the deployment contains the following:

- Two VMware Horizon Gateway-VAs
- Two VMware Horizon Connector-VAs
- One Kemp LoadMaster HA cluster deployed in the DMZ
- One Kemp LoadMaster HA Ccluster deployed in the trusted corporate LAN

In the deployment architecture defined herein, the LoadMaster handles internal and external HTTPS connectivity to the Gateway-VAs as well as connectivity for the Connector-VAs. The LoadMaster provides the following for Workspace deployments:

- Scheduling and health check algorithms which ensure that requests are sent to the best target
- L7 content matching capabilities which minimize attack vectors for added security
- Header injection functionality which ensures that client IPs are detected by Gateway-VAs
- SSL overlay functions ensure L7 processing and an end-to-end secure traffic stream

4 Prerequisites

Minimally, the following prerequisites should be complete:

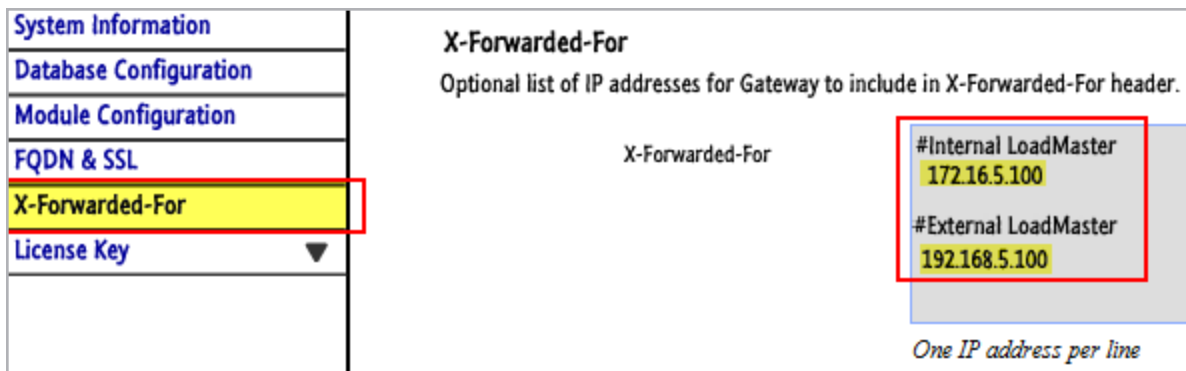
- Implemented Active Directory, DNS and other core requirements for Horizon Workspace
- Installed VMware ESXi servers, vCenter server, and Workspace virtual appliances
- Configured Certificate Authority (CA)-signed SSL certificates for the Workspace infrastructure
- Installed LoadMaster(s) with interfaces on the same network(s) as the virtual appliances
- Established administrative access to the LoadMaster Web User Interface (WUI)

4.1 Configure Gateway-VA NGINX Components

4.1.1 Horizon Workspace 1.5 X-Forwarded-For Configuration

To allow LoadMaster to request web services that are deployed behind the Gateway-VAs in Horizon Workspace 1.5, the following change must be made:

1. Navigate to the Configurator-VA URL and log in.



| | |
|------------------------|--|
| System Information | X-Forwarded-For Optional list of IP addresses for Gateway to include in X-Forwarded-For header. X-Forwarded-For <div style="border: 1px solid red; padding: 5px;"> #Internal LoadMaster 172.16.5.100 #External LoadMaster 192.168.5.100 </div> One IP address per line |
| Database Configuration | |
| Module Configuration | |
| FQDN & SSL | |
| X-Forwarded-For | |
| License Key ▼ | |

2. In the menu on the left, click **X-Forwarded-For**.
3. Enter the load balancer IP address(es) with descriptive comments (one per line).
4. Click **Save** and reboot all Gateway-VAs if changes do not take effect within a few minutes.

This X-Forwarded-For modification also sets the `real_ip_` header value in `/opt/vmware/nginx/conf/nginx.conf`.

4.1.2 Horizon Workspace 1.0 X-Forwarded-For Configuration

To allow LoadMaster to request web services that are deployed behind the Gateway-VAs in Horizon Workspace 1.0, the following change must be made:

1. SSH into each gateway-VA with the `sshuser` and `su` to root.
2. Edit `/opt/vmware/nginx/conf/nginx.conf` using VI, or another screen editor.
3. Find the section of the file that reads similar to the following:

```
real_ip_headerX-Forwarded-For;          real_ip_recursive
off;include gen/real_ip.conf;
```

4. Below the line that reads `include gen/real_ip.conf;` add a line - `set_real_ip_from <LoadMaster IP Address>` as shown in the example below:

```
real_ip_headerX-Forwarded-For;          real_ip_recursive
off;include gen/real_ip.conf;
set_real_ip_from 172.16.5.100
```

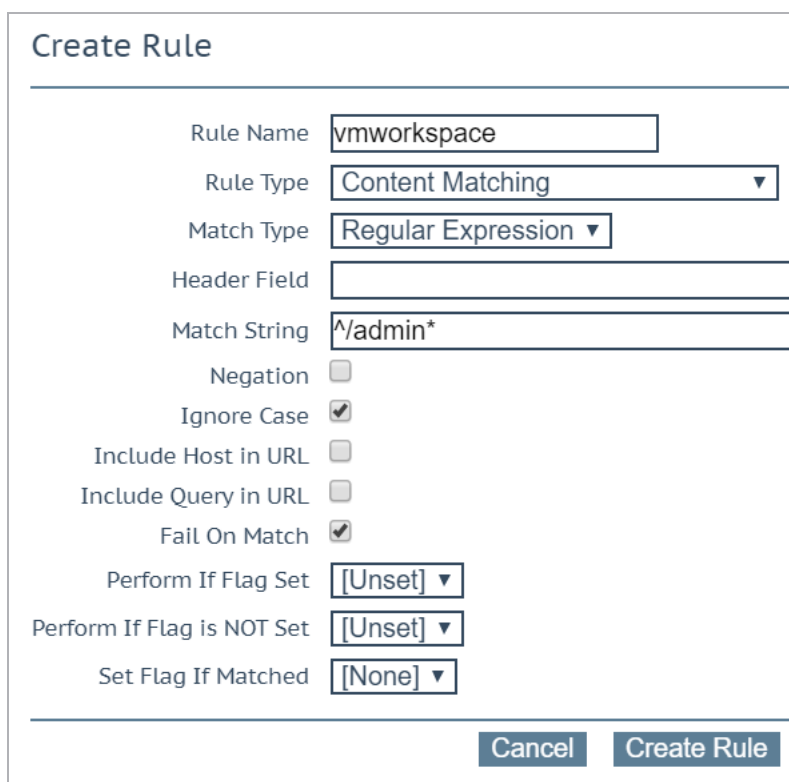
5. Commit the changes that have just been made and restart the `nginx` service:
 - a) If using VI to edit the file, type `ZZ` or `:wq!`.
 - b) To restart the `nginx` service type `service nginx restart`.

4.2 Create a Content Matching Rule

Follow the steps below to create a content matching rule on the LoadMaster that is used later to block external access to the administrative portion of the Workspace environment:

1. Log in to the LoadMaster WUI.
2. In the menu on the left select **Rules & Checking** and select **Content Rules**.
3. Click the **Create New...** button.

4 Prerequisites



| | |
|----------------------------|-------------------------------------|
| Rule Name | vmworkspace |
| Rule Type | Content Matching ▼ |
| Match Type | Regular Expression ▼ |
| Header Field | |
| Match String | ^/admin* |
| Negation | <input type="checkbox"/> |
| Ignore Case | <input checked="" type="checkbox"/> |
| Include Host in URL | <input type="checkbox"/> |
| Include Query in URL | <input type="checkbox"/> |
| Fail On Match | <input checked="" type="checkbox"/> |
| Perform If Flag Set | [Unset] ▼ |
| Perform If Flag is NOT Set | [Unset] ▼ |
| Set Flag If Matched | [None] ▼ |

Cancel Create Rule

4. Enter the **Rule Name**, for example **vmworkspace**.
5. Ensure the **Rule Type** is set to **Content Matching**.
6. Ensure the **Match Type** is set to **Regular Expression**.
7. Enter **^/admin*** as the pattern in the **Match String** text box.
8. Tick the **Ignore Case** check box.
9. Tick the **Fail on Match** check box.
10. Click the **Create Rule** button.

4.3 DNS

Access to the DNS system(s) used in the network environment must be available to configure name resolution (A and PTR records) for the Horizon Workspace Gateway and Connector namespaces to point to the Virtual Service IP address(es) that is configured on the LoadMaster.

The FQDN configured for the Horizon Workspace environment cannot be changed after installation. In the event that the namespace requires changing post-installation, the Horizon Workspace vApp must be re-deployed. The same namespace should be used for both internal and external access.

4.4 SSL Certificate Import on the LoadMaster

Follow the steps below to import the relevant Horizon Workspace certificate on the Kemp LoadMaster:

1. In the main menu of the LoadMaster WUI, go to **Certificates > Security > SSL Certificates**.
2. Click **Import Certificate**.

Please specify the name of the file that contains the certificate. The file can also hold the private key. If the file does not contain the private key, then the file containing the private key must also be specified. The certificate can be in either .PEM or .PFX (IIS) format.

| | | |
|------------------------|--|----------------|
| Certificate File | <input type="button" value="Choose File"/> | example.crt |
| Key File (optional) | <input type="button" value="Choose File"/> | No file chosen |
| Pass Phrase | <input type="password" value="....."/> | |
| Certificate Identifier | <input type="text" value="VMHworkspace"/> | |

3. Click **Choose File** in the **Certificate File** field.
4. Browse to and select the certificate in use in the Horizon Workspace infrastructure.

This must be a .PFX or .PEM file containing private keys for the certificate used on the Horizon Workspace servers.

5. If relevant, click **Choose File** in the **Key File (optional)** field to browse to and select the key file.
6. Enter the **Pass Phrase**.
7. Enter a recognizable name in the **Certificate Identifier** text box.
8. Click **Save**.
9. Click **OK**.

4 Prerequisites

Certificate Configuration Import Certificate Add Intermediate

| Identifier | Common Name(s) | Virtual Services | Assignment | Operation |
|---|----------------|--|--|--|
| VMHworkspace Example [Expires: Aug 24 09:11:21 2016 GMT] | | Available VSs 10.154.11.45:443 10.154.11.46:443 10.154.11.49:443 10.154.11.50:8444 | Assigned VSs None Assigned Save Changes | New CSR Replace Certificate Delete Certificate Reencryption Usage |

10. If additional intermediate certificate(s) are required to complete the certificate chain, click **Add Intermediate**.

Add a new Intermediate Certificate

Intermediate Certificate

Choose File certificate.pem

Certificate Name

ExampleCert.pem

Add Certificate

11. Click **Choose File** in the **Intermediate Certificate** field.
12. Browse to and select the appropriate intermediate certificate.
13. Enter a recognizable name in the **Desired File Name** text box.
14. Click **Add Certificate**.

4.5 Update Connector iDP Hostname

To change the iDP hostname on the Connector-VAs, take the following steps:

1. Log in to the web admin console of each Connector-VA.
2. Navigate to **Identity Provider**.
3. Change the iDP hostname to the FQDN corresponding to the IP address that is used for the Virtual Service that is created in the **Connector-VAs** section for load balancing the Connector-VAs and click **Save**.

5 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 release 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.

6 Virtual Service Configuration

This section outlines instructions on adding and configuring the required Workspace Virtual Services to the LoadMaster.

6.1 Gateway-VAs (External Virtual Service)

To add an External Virtual Service for the Gateway-VAs, follow the steps below:

1. In the main menu of the LoadMaster WUI, select **Virtual Services** and **Add New**.

Please Specify the Parameters for the Virtual Service.

| | |
|-------------------------|--|
| Virtual Address | <input style="width: 60%;" type="text" value="10.154.11.100"/> |
| Port | <input style="width: 60%;" type="text" value="443"/> |
| Service Name (Optional) | <input style="width: 60%;" type="text" value="Workspace Ext"/> |
| Use Template | <div style="border: 1px solid #ccc; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> Select a Template ▼ </div> |
| Protocol | <div style="border: 1px solid #ccc; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> tcp ▼ </div> |

2. Enter a valid IP address in the **Virtual Address** field.
3. Enter **443** as the **Port**.
4. Enter a recognizable **Service Name**, for example **Workspace Ext**.
5. Click **Add this Virtual Service**.
6. Configure the settings as shown in the following table:

| Section | Option | Value | Comment |
|------------------|---------------------|----------------------------------|--|
| SSL Properties | SSL Acceleration | Enabled | Click OK . |
| | Reencrypt | Enabled | |
| | Certificates | Select the relevant certificate. | Click > to assign the certificate. Click Set Certificates . |
| Standard Options | Persistence Mode | Super HTTP | |
| | Persistence Timeout | 30 Minutes | Do not set the |

| Section | Option | Value | Comment |
|---------------------|--------------------------|------------------|--|
| | | | persistence timeout to less than 30 minutes. A lower value may result in a 502 error ('The service is currently unavailable') for clients attempting to connect. |
| | Scheduling Method | least connection | |
| Real Servers | Real Server Check Method | HTTPS Protocol | |
| | URL | / | Click Set URL . |
| | HTTP Method | GET | |

7. Click **Add New**.

Please Specify the Parameters for the Real Server

Real Server Address

10.154.11.201

Port

443

Forwarding method

nat ▼

Weight

1000

Connection Limit

- 8. Enter a Gateway-VA address in the **Real Server Address** field.
- 9. Ensure that **443** is entered as the **Port**.
- 10. Click **Add This Real Server**.
- 11. Click **OK**.
- 12. Continue to add the remaining Real Servers by entering the **Real Server Address** of each Gateway-VA and clicking **Add This Real Server** until all servers in the pool are added. When finished, click the **Back** button.
- 13. Expand the **Advanced Properties** section.

14. Select the **Enable** button in the **Content Switching** section.
15. Select **X-Forwarded-For** from the **Add HTTP Headers** drop down menu.
16. Click the **Add HTTP Redirector** button.
17. Expand the **Real Servers** section.

| Rules | Status | Operation |
|-------------|---------|-----------------------|
| None | Enabled | Disable Modify Delete |

18. Click **None** in the **Rules** column for the first listed Real Server.

| Rules assigned to Real Server 10.154.11.201:443 on Virtual Service tcp/10.154.11.100:443 (Id:1) | | | |
|---|------|------------|---------|
| Operation | Name | Match Type | Options |
| Add Rule | | | |
| Rule: <input type="text" value="vmworkspace"/> <input type="button" value="Add"/> | | | |

19. Select the content matching rule created in the **Create a Content Matching Rule** section.
20. Click **Add**.
21. Click the **Back** button.
22. Repeat for each **Real Server** to add the content matching rule to all pool members.
23. In the main menu of the LoadMaster WUI, click **View/Modify Services**.
24. Confirm that the newly created service is listed with a status of **Up** and that all of the added member servers are listed in black, non-bold font.

6.2 Gateway-VAs (Internal Virtual Service)

To add an Internal Virtual Service for the Gateway-VAs, either on the same LoadMaster or another cluster, repeat Steps 1 to 29 of the **Gateway-VAs (External Virtual Service)** section, but give the Virtual Service a different name.

6.3 Connector-VAs

To add a Virtual Service for the Connector-VAs, follow the steps below:

1. In the main menu of the LoadMaster WUI, select **Virtual Services** and **Add New**.

Please Specify the Parameters for the Virtual Service.

| | |
|-------------------------|--|
| Virtual Address | <input style="width: 150px;" type="text" value="10.154.0.66"/> |
| Port | <input style="width: 50px;" type="text" value="443"/> |
| Service Name (Optional) | <input style="width: 150px;" type="text" value="Horizon-Connector"/> |
| Use Template | <div style="border: 1px solid #ccc; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> Select a Template ▼ </div> |
| Protocol | <div style="border: 1px solid #ccc; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> tcp ▼ </div> |

2. Enter a valid IP address in the **Virtual Address** text box.
3. Enter **443** as the **Port**.
4. Enter a recognizable **Service Name**, for example **Horizon-Connector**.
5. Click **Add this Virtual Service**.
6. Configure the settings as shown in the following table:

| Section | Option | Value | Comment |
|------------------|---------------------|-------------------|---|
| Standard Options | Force L4 | Disabled | Disable this, unless your deployment scheme dictates otherwise. |
| | Transparency | Disabled | Disable this, unless your deployment scheme dictates otherwise. |
| | Persistence Mode | Source IP Address | |
| | Persistence Timeout | 30 Minutes | Do not set the persistence timeout to less than 30 minutes. A lower value may result in a 502 error ('The service is currently unavailable') for clients attempting |

| Section | Option | Value | Comment |
|--------------|--------------------------|------------------|------------------------|
| | | | to connect. |
| | Scheduling Method | least connection | |
| Real Servers | Real Server Check Method | HTTPS Protocol | |
| | URL | / | Click Set URL . |
| | HTTP Method | GET | |

7. Click **Add New**.

Please Specify the Parameters for the Real Server

Real Server Address

192.168.10.201

Port

443

Forwarding method

nat ▼

Weight

1000

Connection Limit

8. Enter a Connector-VA address in the **Real Server Address** text box.
9. Enter **443** as the **Port**.
10. Click **Add This Real Server**.
11. Click **OK**.
12. Continue to add the remaining Real Servers by entering the **Real Server Address** of each Connector-VA and clicking **Add This Real Server** until all servers in the pool are added. When finished, click the **Back** button.
13. In the main menu of the LoadMaster WUI, click **View/Modify Services**.
14. Confirm that the newly created service is listed with a status of **Up** and that all of the added member servers are listed in black, non-bold font.

References

Kemp product documentation can be found at <http://kemptechnologies.com/documentation>.

Virtual Services and Templates, Feature Description

WUI, Configuration Guide

VMware Horizon Workspace Documentation

<http://www.vmware.com/support/pubs/horizon-workspace-pubs.html>

Last Updated Date

This document was last updated on 30 July 2023.