



Progress[®]

Kemp ECS Connection Manager

Installation Guide

UPDATED: 01 February 2022

© 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	4
1.1 Document Purpose	4
1.2 Intended Audience	4
1.3 Prerequisites	4
2 Installing a Hardware Kemp ECS Connection Manager	5
2.1 Connect and Power On the Equipment	5
2.2 Configure Networking	5
2.3 License and Configure the Kemp ECS Connection Manager	6
3 References	11
Last Updated Date	12

1 Introduction

You can install and license each of the hardware Kemp ECS Connection Managers in the same way, as described in this document.

Kemp recommends that Dell customers install ECS Connection Manager firmware version 7.2.52 or later to get access to the Quality of Service (QoS) functionality. To access the latest firmware, go to the **Downloads** section of the following page: [ECS Connection Manager](#).

1.1 Document Purpose

This document outlines how to install a hardware Kemp ECS Connection Manager.

1.2 Intended Audience

This document is intended to be read by anyone who is interested in finding out how to install a hardware ECS Connection Manager from Kemp.

1.3 Prerequisites

The following requirements are needed before installing a hardware Kemp ECS Connection Manager:

- A monitor with a standard VGA 15-pin connection
- A USB keyboard or a workstation with a terminal emulator:
 - Speed: 115200
 - Data bits: 8
 - Parity: None
 - Stop bits: 1
 - Flow control: None
- Serial cable (included)

2 Installing a Hardware Kemp ECS Connection Manager

A hardware Kemp ECS Connection Manager package includes the following items:

- Hardware LoadMaster appliance
- Power cable
- Serial cable
- Mounting brackets

2.1 Connect and Power On the Equipment

To connect and power on the Kemp ECS Connection Manager, follow the steps below:

1. Install in a 19-inch rack or another safe location.
2. Connect the Ethernet cable(s) to the port(s) on the ECS Connection Manager.

For single arm setups, the switch only needs to be connected to port 0.

3. Connect a monitor and keyboard to the ECS Connection Manager (or just a serial cable).
4. Connect the power cable to the ECS Connection Manager.
5. Turn on power to the unit.

2.2 Configure Networking

If you do not have the ability to connect to the ECS Connection Manager using a VGA or serial connection, skip to the **License and Configure the Kemp ECS Connection Manager** section. The default IP address for the unit is **192.168.1.101**.

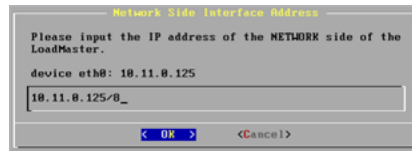
2 Installing a Hardware Kemp ECS Connection Manager

After the Kemp ECS Connection Manager is powered on, you must configure networking to make the ECS Connection Manager available on your network. To do this, follow the steps below:

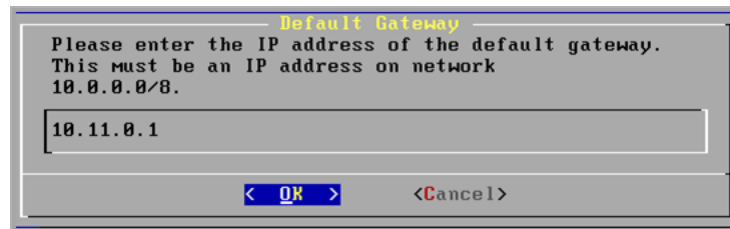
1. Log in to the console with the default credentials.

The default credentials are below:

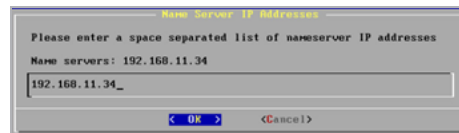
- Login: **bal**
- Password: **1fourall**



2. Enter the **IP address** of the eth0 interface, the network-facing interface of the ECS Connection Manager, in the input field within the **Network Side Interface Address** field and press **Enter** on the keyboard.



3. Enter the IP address of the **Default Gateway**.



4. Enter a space-separated list of **nameserver IP addresses**.
5. A message appears asking to continue licensing using the Web User Interface (WUI). Try to access the IP address using a web browser. Ensure to enter **https://** before the IP address.

2.3 License and Configure the Kemp ECS Connection Manager

Follow the steps below on a computer that is connected to the same network as the ECS Connection Manager:

1. Open a web browser.

2 Installing a Hardware Kemp ECS Connection Manager

2. In the address bar, type **https://** followed by the ECS Connection Manager IP address, for example, **https://192.168.1.1**.
3. A warning may appear regarding website security certificates. Click the **continue/ignore** option.
4. The ECS Connection Manager End User License Agreement screen appears.

Read the license agreement and click the **Agree** button to proceed.

License Required To Continue

Online Licensing

Please enter your Kemp ID and password below to license this ECS Connection Manager.
If you do not have a Kemp ID, please create one [Here](#)

Kemp Identifier:

Password:

Order ID (optional):

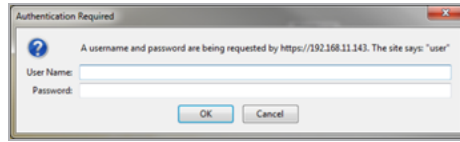
HTTP(S) Proxy (optional):

5. If using the **Online** licensing method, fill out the fields and click **License Now**.

When licensing a hardware box, ensure you do not enter an Order ID. Licensing is performed based on the Serial Number entered during pre-provisioning.

If using the **Offline Licensing** method, select **Offline Licensing**, obtain the license text, paste it into the **License** field and click **Apply License**. For detailed instructions on how to register for a Kemp ID and license the LoadMaster, refer to the **Licensing, Feature Description**.

2 Installing a Hardware Kemp ECS Connection Manager



6. The **Change Password** screen appears

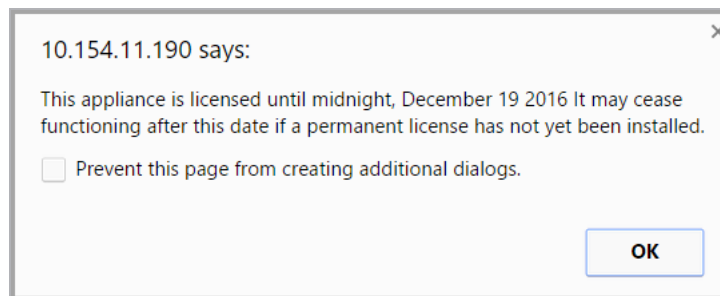


7. Type a password for the **bal** user in the **Password** input field and retype it in the **Retype Password** input field. The login screen appears again.

8. Enter the **bal** user name and the new password as defined in the previous step.

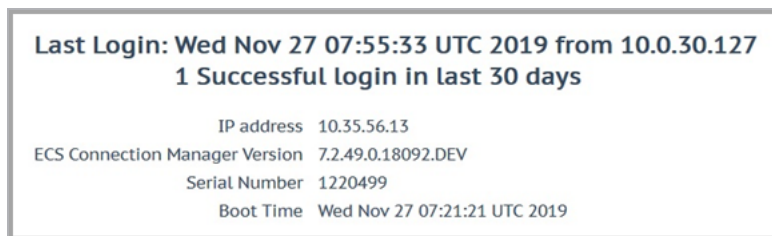
9. In the screen informing that the password has changed, click the **Continue** button.

10. If the machine has shipped with a temporary license, a warning appears informing that a temporary license has been installed on the machine and for how long the license is valid.



11. Click **OK**.

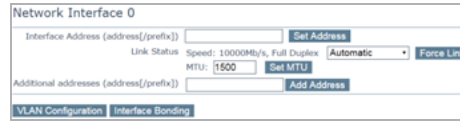
12. The **Appliance Vitals** screen of the LoadMaster appears.



13. Go to **System Configuration > Network Setup** in the main menu.

14. Click the **eth0** menu option within the **Interfaces** section.

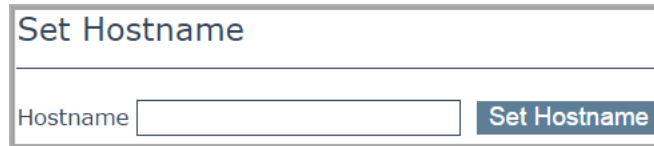
2 Installing a Hardware Kemp ECS Connection Manager



15. In the **Network Interface 0** screen, enter the IP address of the eth0 interface, the network facing interface of the LoadMaster, in the **Interface Address** input field.
16. Click the **Set Address** button.
17. Click the **eth1** menu option within the **Interfaces** section.
18. In the **Network Interface 1** screen, enter the IP address of the eth1 interface, the farm-side interface of the LoadMaster, in the **Interface Address** text box.
19. Click the **Set Address** button.

This interface is optional, depending on the network configuration.

20. In the main menu, go to **System Configuration > Local DNS Configuration > Hostname Configuration** menu option.



21. Enter the hostname in the **Current Hostname** text box and click **Set Hostname**.
22. Click the **Set Hostname** button.
23. In the main menu, go to **Local DNS Configuration > DNS Configuration**.



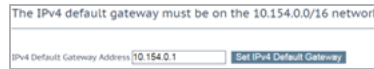
24. In the **DNS configuration** screen, enter the IP address(es) of the DNS Server(s) that will be used to resolve names locally on the ECS Connection Manager into the **DNS NameServer** text box.
25. Click **Add**.

2 Installing a Hardware Kemp ECS Connection Manager

26. Enter the domain name that is to be prepended to requests to the DNS nameserver into the **DNS NameServer** text box.

27. Click **Add**.

28. In the main menu, go to **System Configuration > Network Setup > Default Gateway**.



29. Enter the IP address of the default gateway in the **IPv4 Default Gateway Address** text box and click **Set IPv4 Default Gateway**.

30. If you have an IPv6 Default Gateway, enter the value in the **IPv6 Default Gateway Address** text box and click **Set IPv4 Default Gateway**.

The ECS Connection Manager is now fully installed and ready to be used. For further information on how to configure and implement the ECS Connection Manager, such as steps on how to configure High Availability (HA), refer to the ECS Connection Manager documentation.

3 References

Licensing, Feature Description

Last Updated Date

This document was last updated on 01 February 2022.