ADCBOSS PRODUCT OVERVIEW
Local Load Balancing Module

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Introduction

ADCBOSS provides management, automation, and orchestration of multivendor ADC environments across data centers. It offers management capabilities that map to the needs of application owners, network engineers, and network operations. It simplifies configuration, backups and migration of devices. ADCBOSS supports A10 Networks, Amazon Web Services (ELB), Cisco, Citrix, F5 Networks and Radware.

Shipment

ADCBOSS is shipped to the clients on a Virtual appliance that can be installed on VMWare hypervisors.

Products supported

ADCBOSS currently supports F5 Networks, A10 Networks, Radware, Cisco CSS, Citrix Netscaler and AWS ELB. We are currently adding support for new vendors.

ADCBOSS interoperability

ADCBOSS communicates to the ADC devices using the vendor’s API.

Licensing

The license is based on a per Virtual Servers/WideIPs count. You pay based on the amount of Virtual Servers/Wideips that you want to support using ADCBOSS.

Product Overview

Accessing ADCBOSS

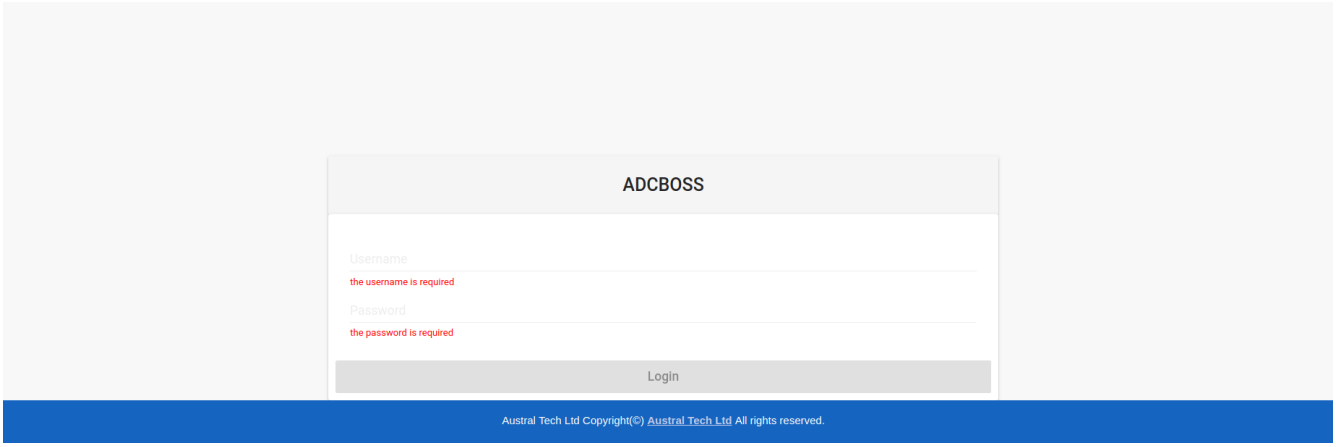
The ADCBOSS console can be accessed through any modern web browser. The recommended browser is the latest version of chrome, which can be download from:

https://www.google.ca/chrome/browser/desktop/index.html

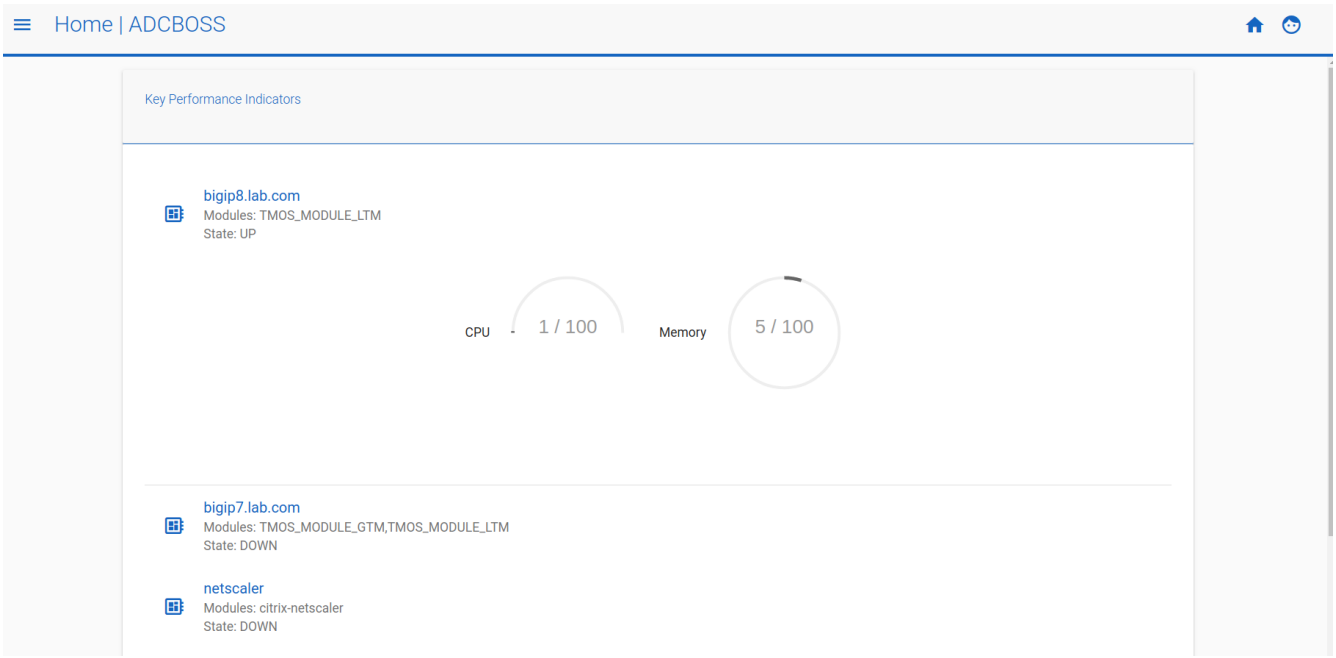
In order to access ADCBOSS, make sure you can reach the assigned IP address for the virtual appliance and then using your browser type:

http://A.B.C.D:4200

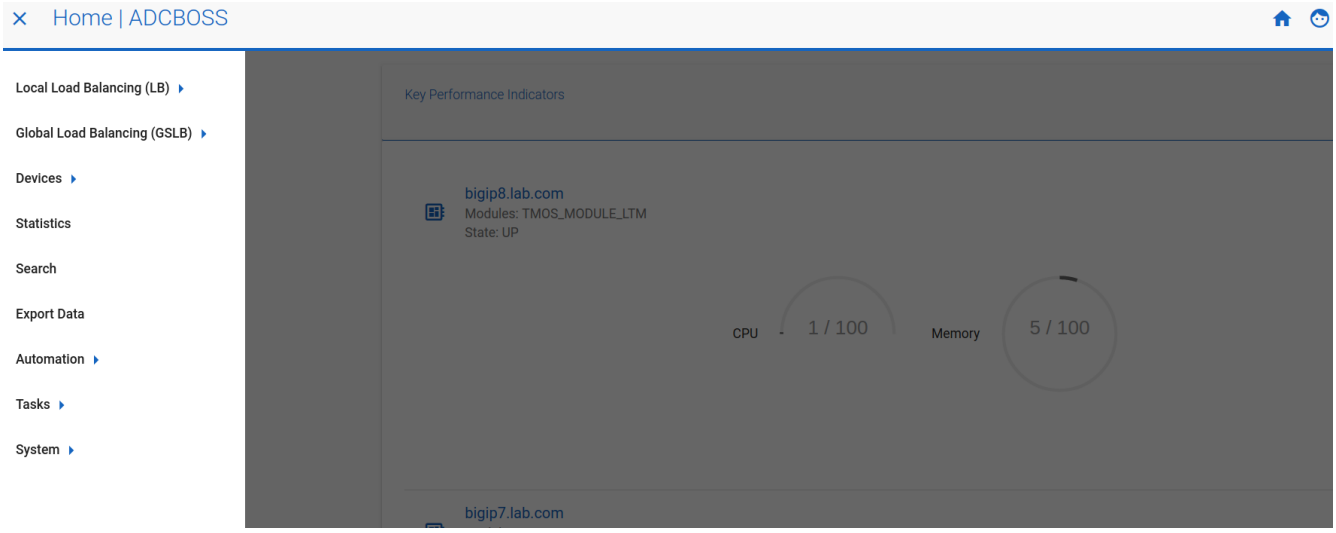
where A.B.C.D is the assigned IP address. You should be presented with the login screen as shown below:



Once that you logged in successfully to ADCBOSS you will be presented with the Home screen, which by default will show Performance Indicators for the different devices already managed by the platform as shown below:

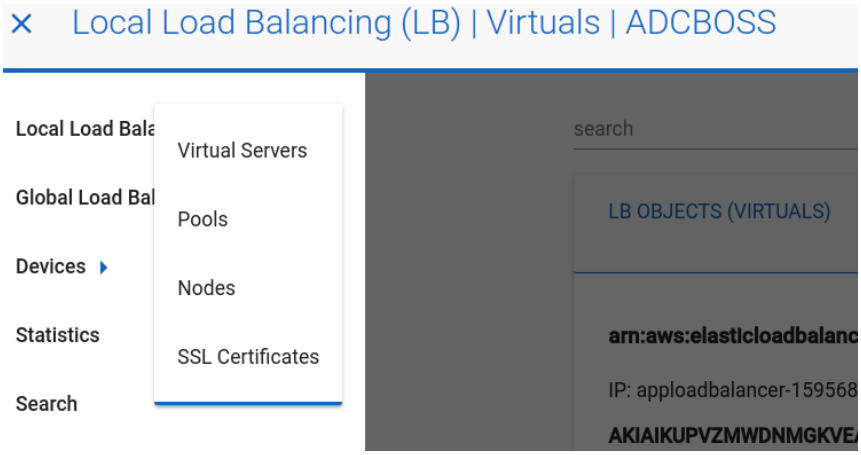


To access the different features navigate to top left corner of the screen and click on the symbol next to ‘Home’, the floating menu with all the features will appear:



Local Load Balancing (LB)

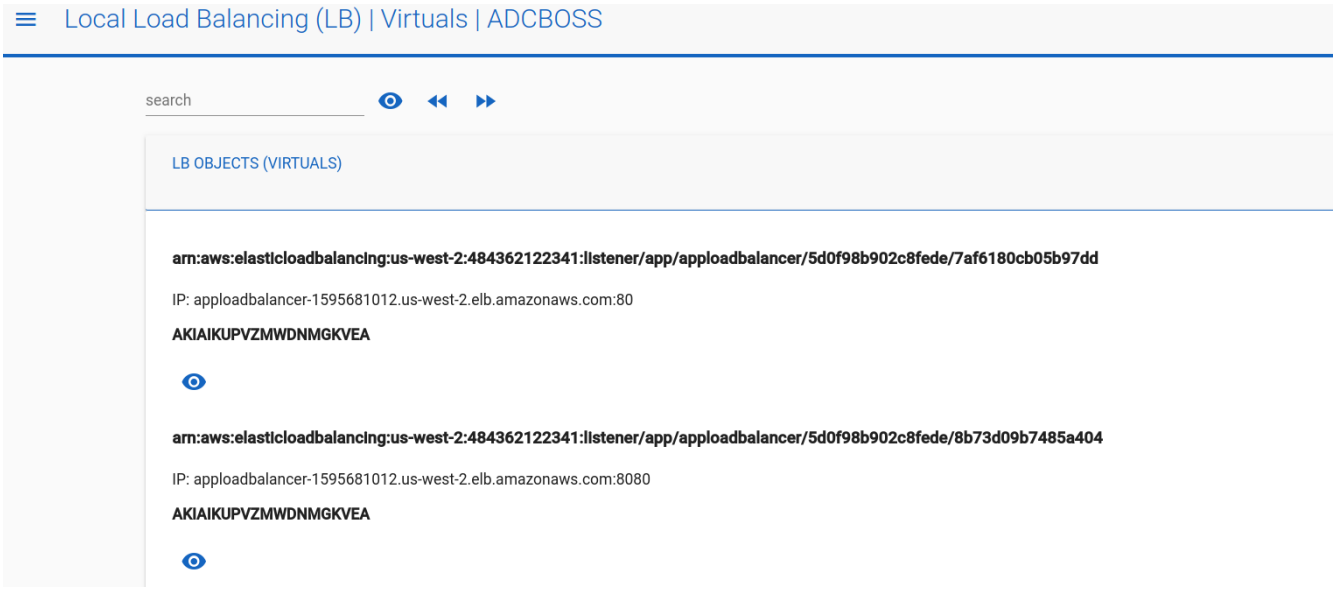
The Local Load Balancing menu contains the elements related to Local Load Balancing feature. These are the Virtual Servers, Pools, Nodes and SSL Certificates which have been fetched from the ADC devices managed by ADCBOSS.



Virtual Servers

A virtual server is a object on ADCBOSS that is represented by an IP address (DNS Name for a AWS Listener) and a service (port). Clients on an external network can send application traffic to a virtual server configured on an ADC device, which then directs the traffic according to your configuration instructions. The main purpose of a virtual server is often to balance traffic load across a pool of servers on an internal network.

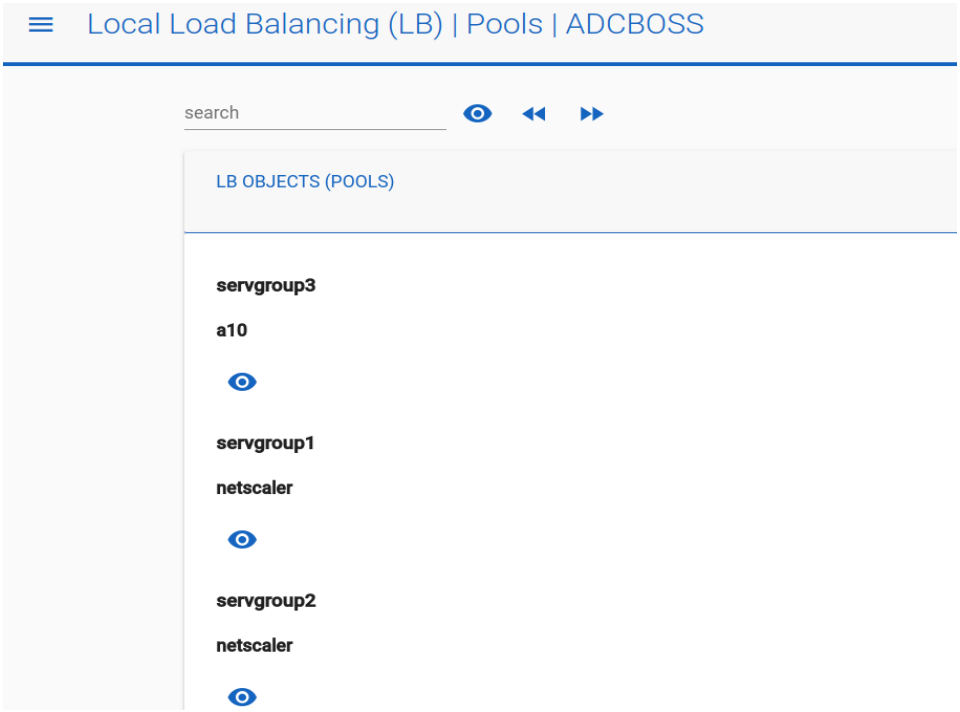
In order to see the Virtual Servers being managed by ADCBOSS go to *Local Load Balancing→ Virtual Servers* a screen similar to the one below will appear:



Pools

A pool is a logical set of devices, such as web servers, that you group together to receive and process traffic. Instead of sending client traffic to the destination IP address specified in the client request, the ADC device sends the request to any of the servers that are members of that pool.

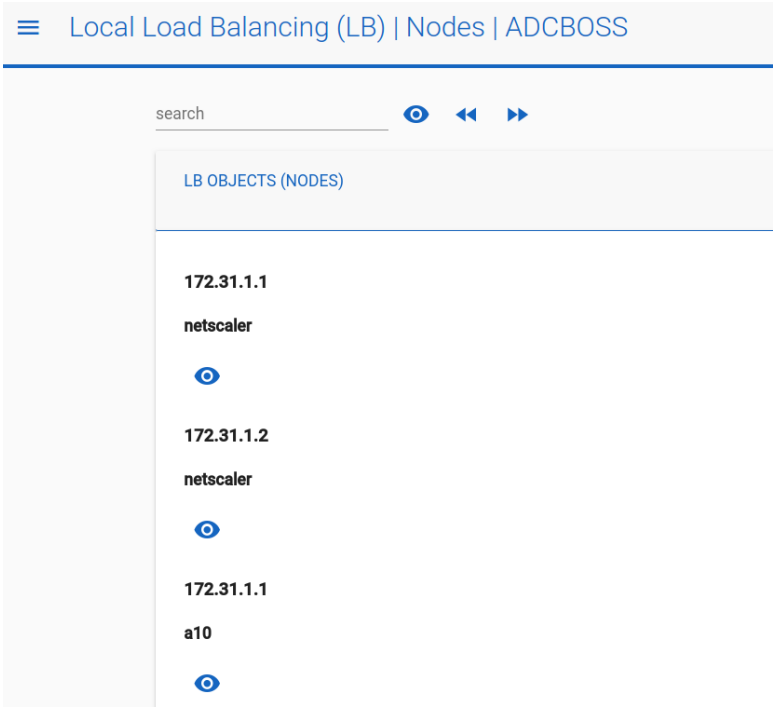
In order to see the pools being managed by ADCBOSS go to *Local Load Balancing→ Pools* a screen similar to the one below will appear:



Nodes

A node is a logical object that identifies the IP address of a physical resource on the network.

In order to see the Nodes being managed by ADCBOSS go to *Local Load Balancing→ Nodes* a screen similar to the one below will appear:



SSL Certificates

SSL Certificates are small data files that digitally bind a cryptographic key to an organization's details. When installed on a ADC device, it activates the https protocol and allows secure connections from a browser to the ADC device.

In order to see the SSL certificates being managed by ADCBOSS go to *Local Load Balancing→ SSL Certificates* a screen similar to the one below will appear: