

Getting Started With BackBox Evaluation Guide



BackBox is an automation platform used to automate backups, perform restores, and execute tasks across the network. Features include password changes, consistent device upgrades, proactive device condition checks, alerts, and notifications.

BackBox ISO installation is supported on common virtualization products such as VMware, Hyper-V, and Xenserver. It can also be installed on a bare metal server.

To successfully install the BackBox platform, you will need to:

1. Download the ISO image. (Installation of BackBox OS will take less than 20 minutes)
2. Review the Virtual Machine Specifications and Port Requirements
3. Create a new Virtual Machine (VM)
4. Install the BackBox platform
5. Run the First Time Wizard
6. Verify the installation
7. Add a Device and Run a Backup

Section 1 | **DOWNLOAD THE ISO IMAGE**

- 1** Download the base ISO using the following link:

<https://updates.backbox.com/latest-release-iso>

- 2** Upload the ISO file to the VM's repository.

Section 2 | **REVIEW THE VIRTUAL MACHINE SPECIFICATIONS AND PORT REQUIREMENTS**

The BackBox ISO must be installed on a hypervisor and requires a minimum of 4 CPU cores, 8GB of RAM, and 80GB of disk space which is intended for small/medium environments. For additional disk sizing recommendations, click here - [BackBox Server Sizing Recommendations](#).

Note: 2TB is the max disk size recognized by the ISO during installation. There is no limit to the number of disks that can be added once installation is complete.

Access and Port Requirements:

- To manage the BackBox server, HTTPS and SSH are required from the Client IP to the BackBox Server IP.
- To allow proper operations of BackBox to the devices, please allow access from BackBox Server IP to the Devices that it's going to backup.
- The most common ports you need to open are:
 - SSH (TCP 22)
 - Telnet (TCP 23)
 - HTTP (TCP 80)
 - HTTPS (TCP 443)
- Note: Some devices might require communication back to the BackBox Server using FTP (TCP 20,21) and TFTP (TCP/UDP 69).
- Credential Information – BackBox in most cases will require a privileged user to

Note: It is important to ensure that the device credentials are provisioned on the target devices when configuring the Device Profile

Section 3 | CREATE A NEW VIRTUAL MACHINE

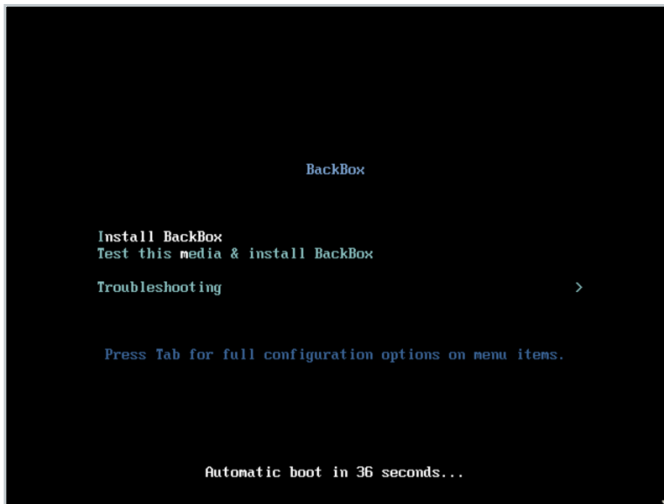
- 1 Create / Register your BackBox VM.
- 2 Select a name and OS.
- 3 Enter the name for your BackBox virtual machine.
- 4 Choose "Linux".
- 5 Choose "CentOS 7 (64 bit)" if available, otherwise "RedHat (64bit)".
- 6 Fill in the CPU, RAM, Disk, and network driver fields for your virtualization platform.
Note: For network drivers on XenServer, ESXi, and Hyper-V, choose E1000 legacy network driver for maximum compatibility.
- 7 Select the BackBox ISO File.
- 8 Click Finish and turn on the Virtual Machine.

Section 4 | INSTALL THE BACKBOX PLATFORM

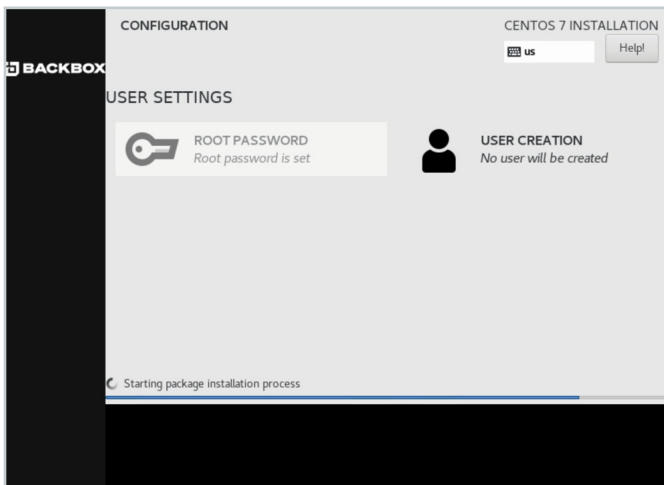
BackBox Installation Process:

1

The Installation screen appears.
 You can either wait for the timer to count down or hit Enter on your keyboard.


2

The BackBox CentOS 7 installation will display on the screen.
 This may take up to 10 minutes.


3

For manual network configuration enter lower case 'y', or if you want to set up the network using auto DHCP, enter lower case 'n'

- a. Enter the network device number from the shown list
- b. Enter the IPV4 Address
- c. Enter the Gateway
- d. Enter the Netmask
- e. Enter the DNS

If everything is correct enter lower case 'y', if not, enter lower case 'n' and fill in the details again.

```
-----Network Configuration-----
For Manual network configuration enter 'y', if you want to setup the network using auto DHCP, enter 'n':y

*****WARNING: Interface name MUST belong to the list of the interfaces we have presented above. In case the interface name doesn't belong to the list installation will fail*****

Detected network interfaces

#    DEVICE    STATUS
-    -
1    ens192    up

Please enter network device number from the above shown list : 1
Please enter IPv4 Address ( e.g : 192.168.33.33 ): 172.31.253.218
Please enter Gateway: ( e.g : 192.168.1.1 ) 172.31.255.254
Please enter Netmask: ( e.g : 255.255.255.0 ) 255.255.252.0
Please enter DNS 1 ( e.g : 0.0.0.0 ) 0.0.0.0

You entered:
Device Name: ens192
IPv4: 172.31.253.218
Netmask: 255.255.252.0
default Gateway: 172.31.255.254
default DNS1: 0.0.0.0
Is this correct? (y/n) y_
```

4

You will then see the CentOS 7 installation screen appear.
This may take up to 10 minutes.

5

Once the CentOS Linx7 installation completes the installation of BackBox you will see the screen below asking you to browse to the IP of the VM you just created to complete the First Time Wizard.

```
BackBox

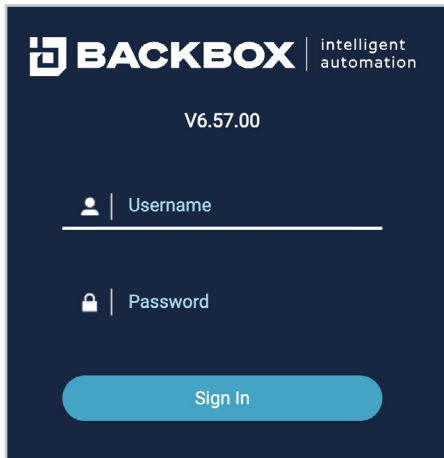
BackBox Virtual Appliance
Version 6.5

Please access BackBox appliance using a browser via https://172.31.253.218

localhost login: _
```

Section 5 | RUN THE FIRST TIME WIZARD

- 1 In your web browser, enter the IP address or host name assigned to the BackBox Server: **Error! Hyperlink reference not valid.** The Login screen is displayed:



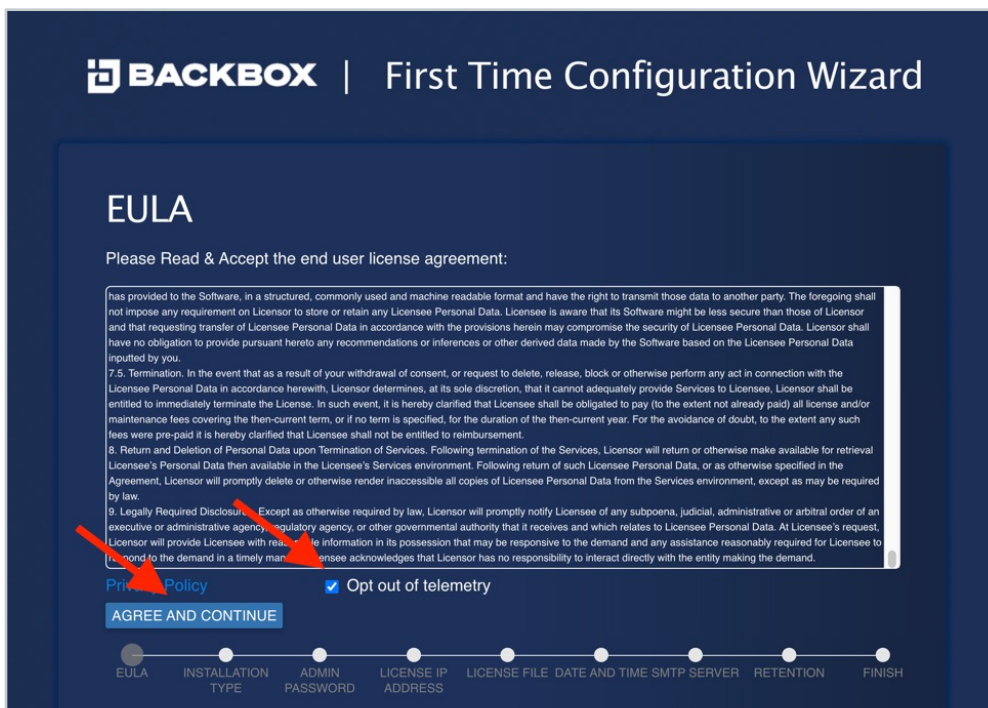
- 2 Enter the default BackBox Username and Password.

- a. Username: **admin**
- b. Password: **password**

Note: You will have the opportunity to change this password in the first-time wizard.

- 3 Once you log in you will see the End User License Agreement.

- a. You can choose to enable telemetry or check the box to opt out.
- b. Please Read and then click on Agree and Continue.

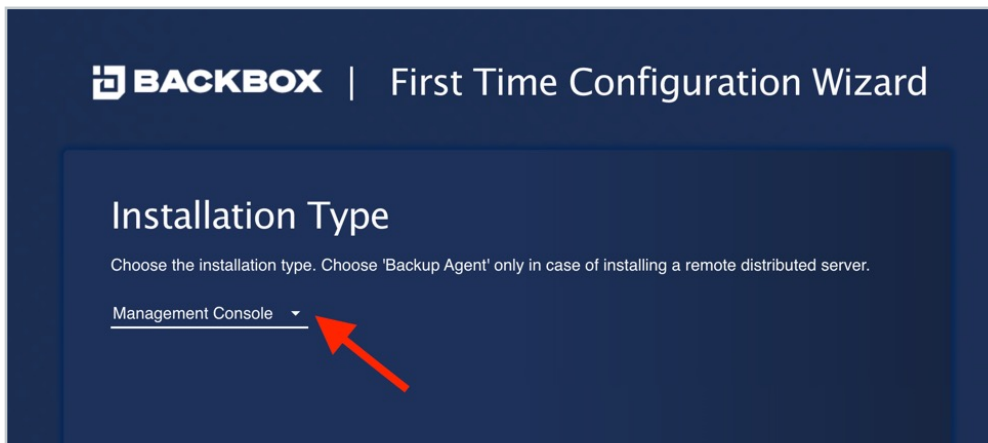


4

You will need to select the Installation Type. This is where you choose between Management (main unit) or Agent (dependent unit). Agent units are only able to accept commands from a Management unit, so be sure you already have a Management unit before choosing Agent.

5

Click Next.


6

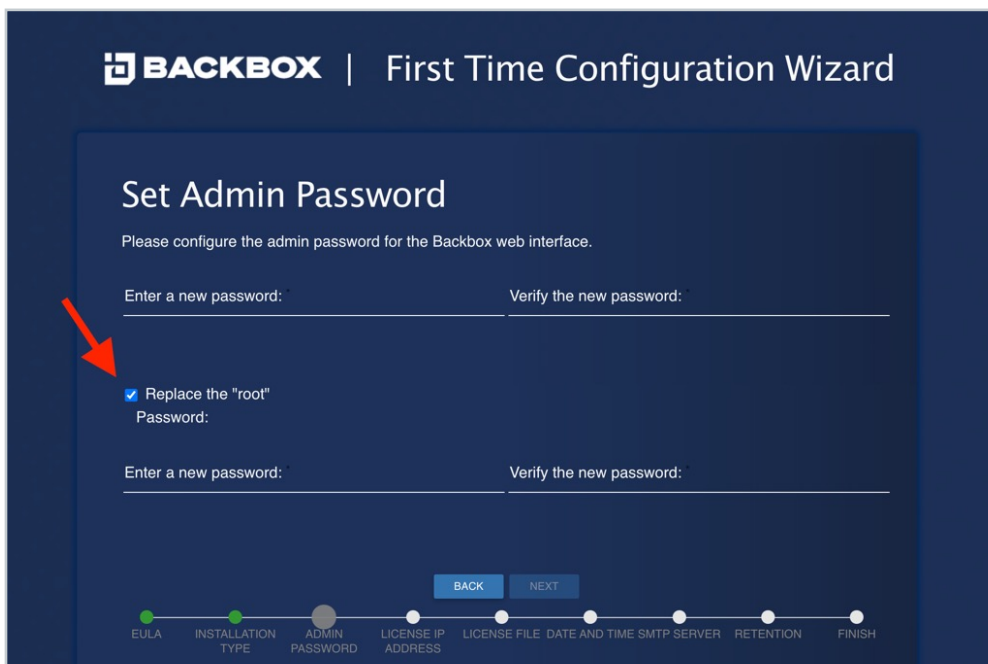
It is best practice to change the default passwords to comply with your internal password requirements. The default credentials are listed below.

a. Default BackBox Web GUI Access:


- User: **admin**
- Password: **password**

b. Default Backbox CLI Access:

- User: **root**
- Password: **HayaldaB@gan7**



- 7** Verify the BackBox IP matches the IP address you will use for configuring the license.



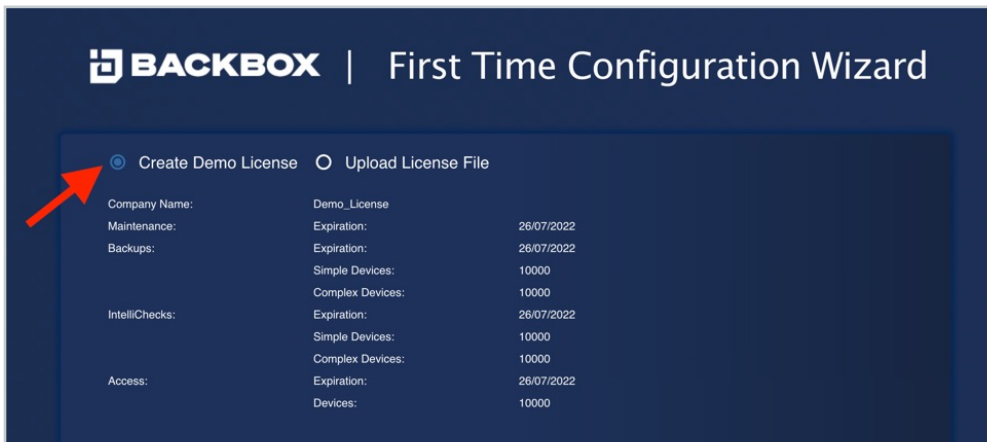
BACKBOX | First Time Configuration Wizard

Configure License IP Address

Choose the IP address to be associated with the license file.

- ☒ 172.31.253.218
- ☐ 2001:db8:0:2::e0cf:a86b:5be:c6d6
- ☐ fe80::deda:374a:8c4b:4ca5

- 8** Select the Create Demo License. This will create a 14-day Evaluation license.



BACKBOX | First Time Configuration Wizard

☒ Create Demo License ☐ Upload License File

Company Name: Demo_License

Maintenance: Expiration: 26/07/2022

Backups: Expiration: 26/07/2022

Simple Devices: 10000

Complex Devices: 10000

IntelliChecks: Expiration: 26/07/2022

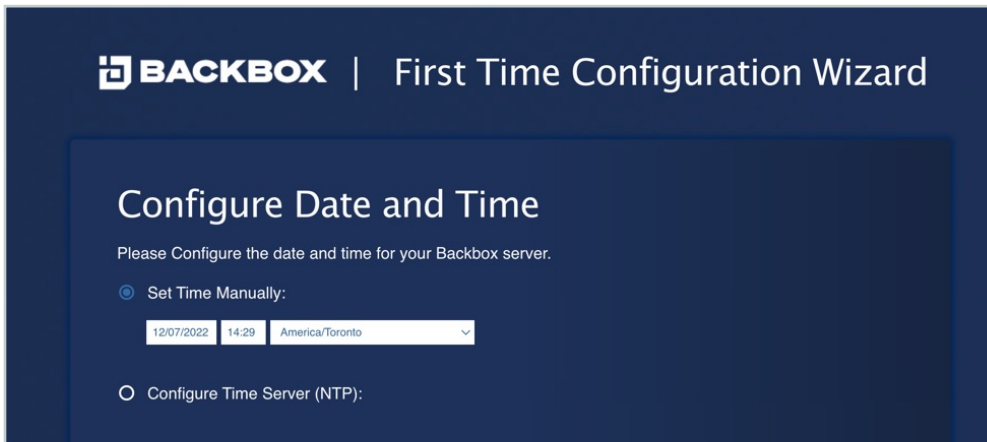
Simple Devices: 10000

Complex Devices: 10000

Access: Expiration: 26/07/2022

Devices: 10000

- 9** Configuring an NTP server is best practice, but you could opt for manual settings if you do not have NTP.



BACKBOX | First Time Configuration Wizard

Configure Date and Time

Please Configure the date and time for your Backbox server.

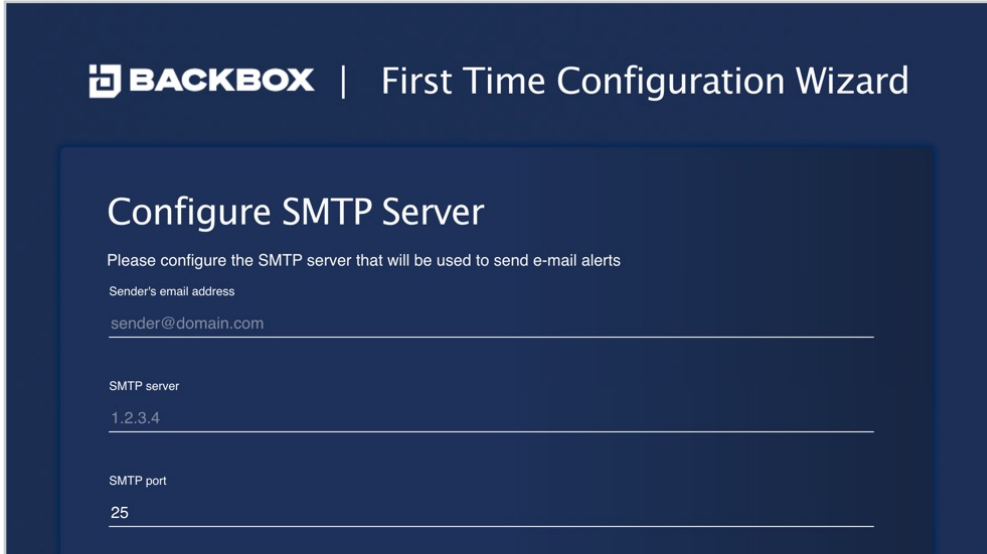
☒ Set Time Manually:

12/07/2022 14:29 America/Toronto

☐ Configure Time Server (NTP):

10

Enter your SMTP information using an identifying email address.
(e.g., backbox@<companydomain.com>) **Note** this is optional and can be configured later as needed.



BACKBOX | First Time Configuration Wizard

Configure SMTP Server

Please configure the SMTP server that will be used to send e-mail alerts

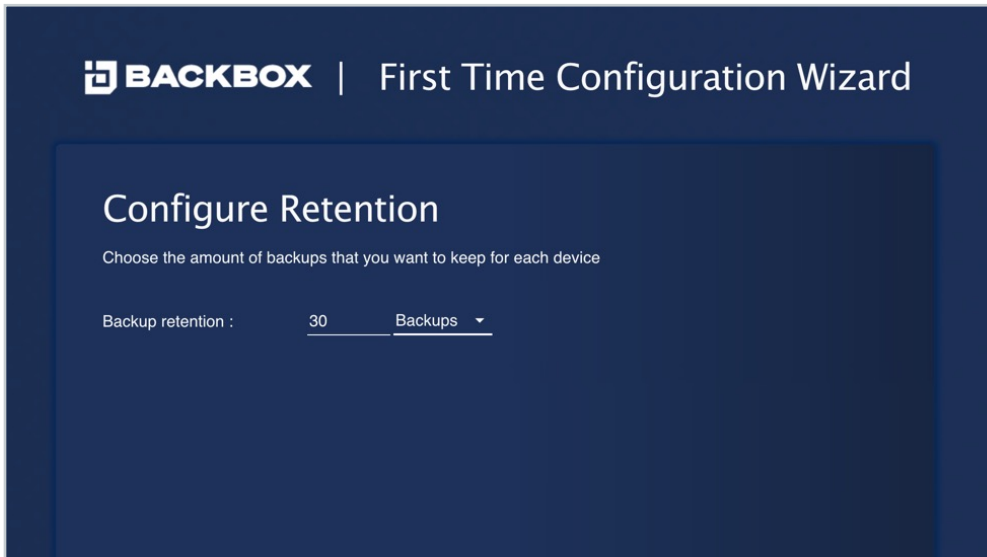
Sender's email address
sender@domain.com

SMTP server
1.2.3.4

SMTP port
25

11

Configure your global retention or choose a retention policy. The default is 30 backups but can be modified to fit the company policy. This can also be changed once the product is deployed.



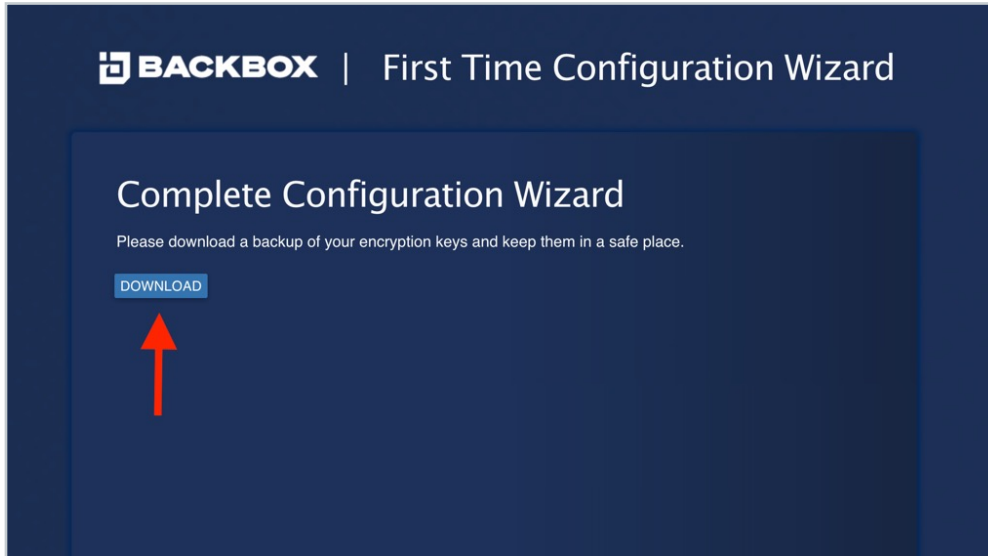
BACKBOX | First Time Configuration Wizard

Configure Retention

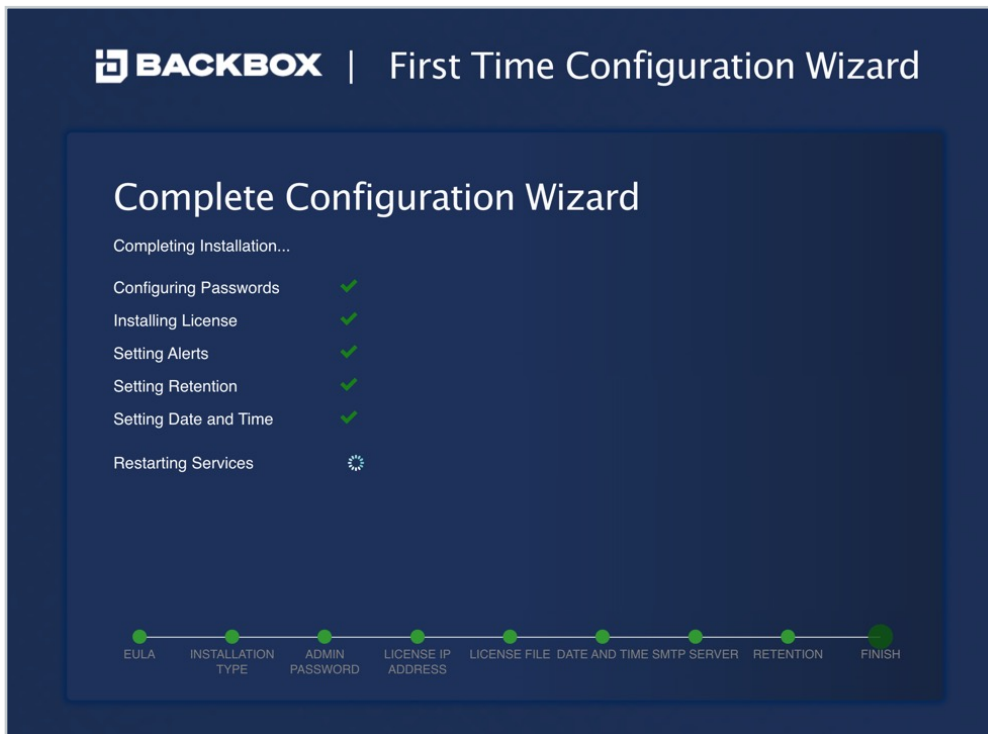
Choose the amount of backups that you want to keep for each device

Backup retention : 30 Backups ▾

- 12** Click Download to save the BackBox unique encryption key and store it in a safe place.



- 13** Click the 'Finish!' button to apply your updates.



Section 6 | VERIFY THE INSTALLATION

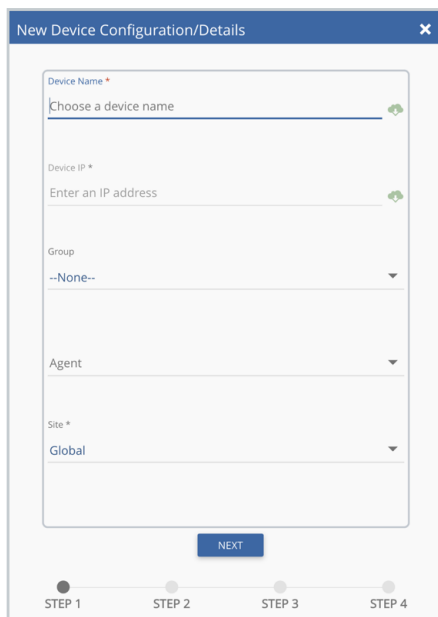
To ensure the installation was successful:

- 1 Ensure you can login with updated credentials.
- 2 Add a Device and Run a backup on a device to validate functionality.

Section 7 | ADD A DEVICE AND RUN A BACKUP

How to add a New Device in BackBox and run your first backup:

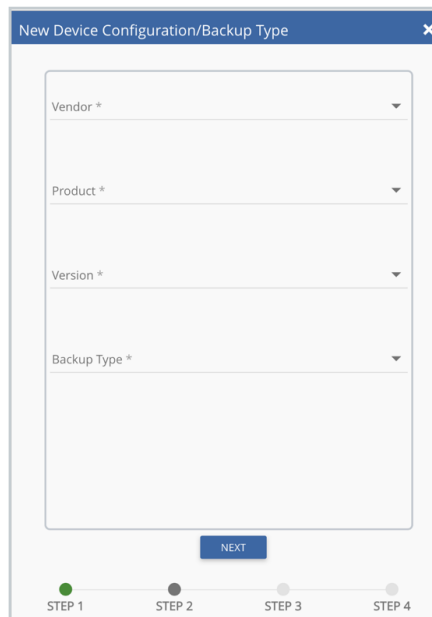
- 1 On the Devices screen, click the Add button. The New Device Configuration dialog box appears:
- 2 Add the device name, the device IP address (and if you have created them, add the Group, Agent, and/or Site you wish to assign to the device), if not then leave Group and Agent blank and the Site set to Global, then click Next.



The 'New Device Configuration/Details' dialog box contains the following fields:

- Device Name *: Choose a device name
- Device IP *: Enter an IP address
- Group: --None--
- Agent: (blank)
- Site *: Global

A 'NEXT' button is located at the bottom right. A progress bar at the bottom shows four steps: STEP 1 (active), STEP 2, STEP 3, and STEP 4.

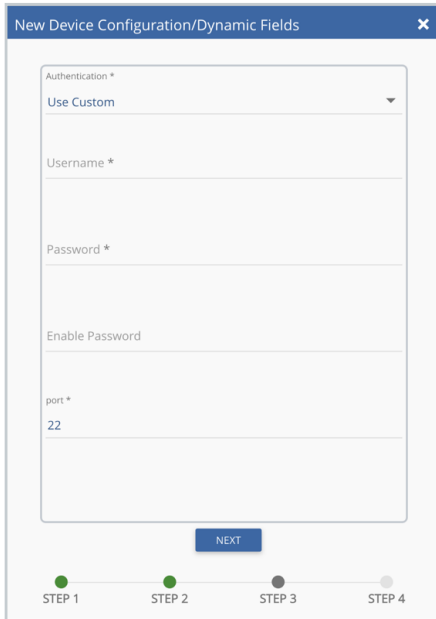


The 'New Device Configuration/Backup Type' dialog box contains the following fields:

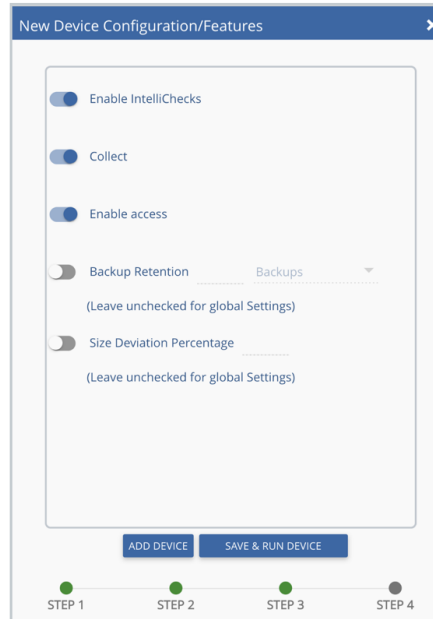
- Vendor *: (blank)
- Product *: (blank)
- Version *: (blank)
- Backup Type *: (blank)

A 'NEXT' button is located at the bottom right. A progress bar at the bottom shows four steps: STEP 1, STEP 2 (active), STEP 3, and STEP 4.

3 Complete the Vendor, Product, Version, and Backup Type fields, and click Next. The third dialog box appears:



4 Complete the Authentication (Use Custom=profile specific, Username, Password, (Enable Password if applicable for your device) and Port fields and click Next. The fourth dialog box appears:



5 Optionally, check Enable IntelliChecks and/or Enable Access to turn on that functionality for the device.

6 If you want to create local retention settings for the device, click the Backup Retention field.

Note: Leave unchecked to apply Global retention settings. If you turn on Backup Retention, two additional fields are displayed: one for the number of days those backups are retained, and one for choosing backups or setting retention policy. Indicate the number of backups to be retained or select Retention Policy and click the Edit button to set a new retention policy. Size deviation – override global settings for size deviation verification.

7 Click Add Device, or optionally Save & Run Device, if you want to save the Device Configuration and run a Backup right away.

CONGRATULATIONS! You have your first device connected to BackBox!

For more information on Using Export/Import to Add Multiple Devices, please see page 73 of the [BackBox Users Guide](#)

Additional BackBox Evaluation Training Guides:

- Creating Schedules, Running a Backup Job and Restore to a Previous Backup
- Create Authentication Templates, Users, Roles, Notifications and Alerting
- Compliance Assurance and Remediation with IntelliChecks
- Tasks and Automation
- BackBox Reports



QUICKSTART GUIDE

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For additional information on features and functionality of BackBox
visit the BackBox Help Center: support.backbox.com