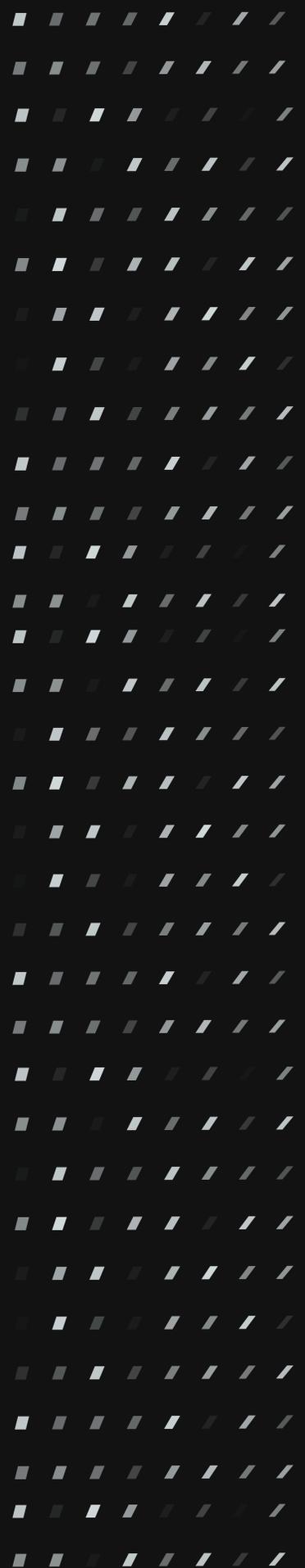


BackBox Evaluation Getting Started Guide for Google Cloud Platform (GCP)



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 installation is supported on common virtualization products such as VMware, Hyper-V, and Xenserver. It can also be installed on a bare metal server. This document outlines the process for an administrator to deploy the Backbox virtual appliance within the **Google Cloud Platform (GCP)** infrastructure.

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

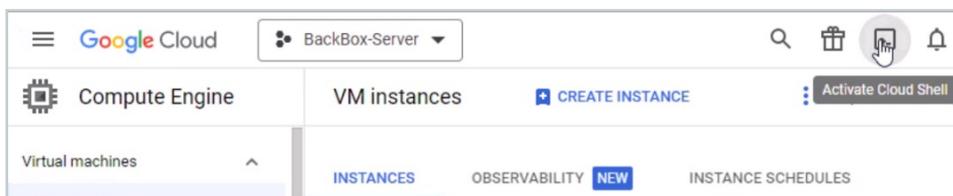
1. Deploy BackBox within Google Cloud Platform
2. Launch the VM Instance
3. Run the First Time Wizard
4. Verify the installation
5. Add a Device and Run a Backup

Section 1 | **DEPLOY BACKBOX WITHIN GOOGLE CLOUD PLATFORM**

Prerequisites:

The administrator performing the deployment will need:

- A Google Cloud Account with an active Billing Plan.
- Permissions to access GCP's Compute Instance.
| Information in enabling and disabling services within GCP can be found [HERE](#).
- Permissions to create Virtual Machines within GCP's Compute Engine.
| Additional information on creating permissions can be found [HERE](#).
| Required Permissions:
 - Compute Admin
- Creating a Project in GCP.
| <https://cloud.google.com/resource-manager/docs/creating-managing-projects>
- How to access the Console.
| Select the 'Active Cloud Shell' in the upper right-hand corner of the GCP Console.



Deploy the BackBox Image:

The command below can be run within the google cloud console. This command generates an instance with the recommended configuration.

```
gcloud compute instances create [NAMEinCONSOLE] BackBox --project [PROJECTID]
--zone [ZONENAME] --machine-type e2-standard-4 --service-account [UPDATEME]-
compute@developer.gserviceaccount.com --scopes https://www.googleapis.
com/auth/devstorage.read_only,https://www.googleapis.com/auth/logging.
write,https://www.googleapis.com/auth/monitoring.write,https://www.googleapis.
com/auth/servicecontrol,https://www.googleapis.com/auth/service.management.
readonly,https://www.googleapis.com/auth/trace.append --tags https-server --create-
disk auto-delete=yes,boot=yes,device-name=backbox,image=[IMAGEOPTION],mod
e=rw,size=120,type=projects/testproject-367214/zones/[ZONENAME]/diskTypes/pd-
balanced
```

Note: The commands that indicate and item in brackets ([EXAMPLE]) must be updated and must contain the information for the instance that the image will be deployed to.

Example fully completed script:

```
gcloud compute instances create backbox --project exampleproject-000000
--zone us-south1-a --machine-type e2-standard-4 --service-account
815000006223-compute@developer.gserviceaccount.com --scopes https://www.
googleapis.com/auth/devstorage.read_only,https://www.googleapis.com/auth/logging.
write,https://www.googleapis.com/auth/monitoring.write,https://www.googleapis.
com/auth/servicecontrol,https://www.googleapis.com/auth/service.management.
readonly,https://www.googleapis.com/auth/trace.append --tags https-server
--create-disk auto-delete=yes,boot=yes,device-name=backbox,image=projects/
backbox7/global/images/backbox70005,mode=rw,size=120,type=projects/
exampleproject-000000/zones/us-south1-a/diskTypes/pd-balanced
```

Here is a breakdown of the switches within the commands, and their options are below.

Required Syntax:

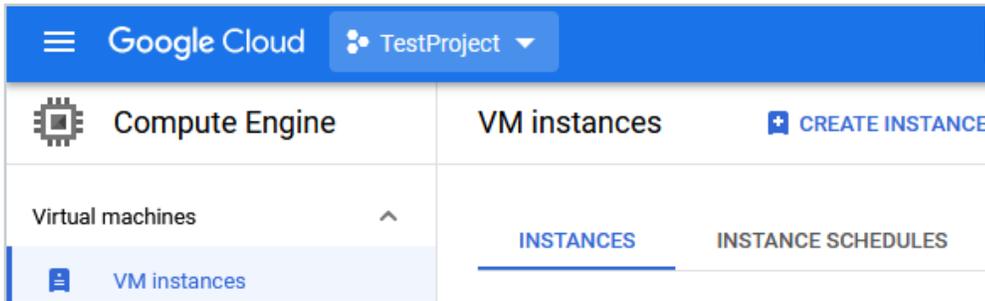
---NAMEinCONSOLE

This is the name that will appear on the UI under Compute engine.

(**Note:** Only allows for lowercase alphanumeric inputs.)

---PROJECTID

This indicates the ProjectID that the Virtual Machine will be placed in. This can be found by clicking the project ID in the top left:



A list of projects will be displayed, along with their project IDs. Example:



--UPDATEME (service-account)

This is the compute service account ID in the customer's environment, for the zone/project that they are wanting to leverage. Typically there is a single account per customer, though this can be split based on the customer's requirements.

The information can be found on the primary IAM & Admin page, and will be a 13-character alpha-numeric, followed by "-compute@developer.gserviceaccount.com".

--IMAGEOPTION

This defines the image to be used for the VM that is being created.

Image Options (Examples):

- BackBox 6.57.09: projects/backbox7/global/images/backbox-65709
- BackBox 7.00.03: projects/backbox7/global/images/backbox7
- BackBox 7.00.05: projects/backbox7/global/images/backbox70005

--ZONENAME

This indicates the zone that the customer wishes the VM instance, disk, and network to be assigned to.

This page contains a list of all regions/zones, and their IDs for usage in this field:

<https://cloud.google.com/compute/docs/regions-zones>

Optional Syntax:

--tags https-server

This tag is required to enable https communication on the firewall, inbound to the server that has been created.

--machine-type

This defines the hardware that is going to be presented and used with the image. For hardware options, see:

- <https://cloud.google.com/compute/docs/machine-resource>
- <https://cloud.google.com/compute/docs/general-purpose-machines>

--reservation-affinity

Specifies the reservation to attach to, if there are reservations that can be leveraged. If there are multiple reservations that can be used, this value can be set to "any".

--network-interface

Allows for customization of the network interface if specific configuration is required.

For more information, see:

- <https://cloud.google.com/vpc/docs/create-use-multiple-interfaces>

--maintenance-policy

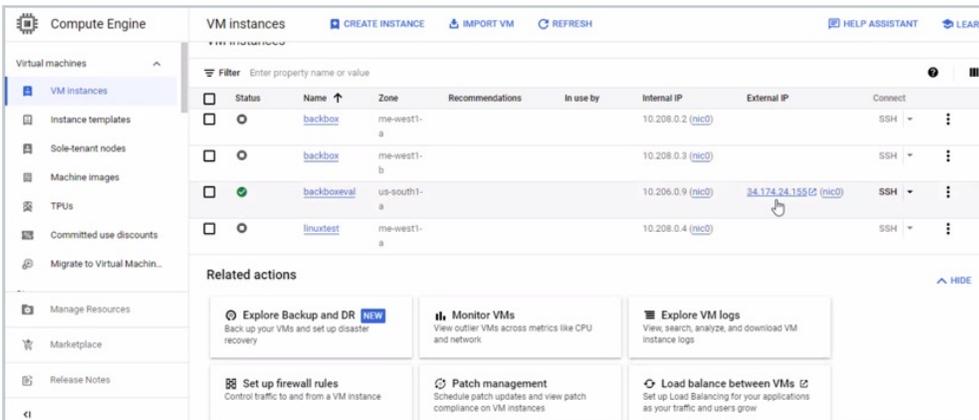
Defines the maintenance policy to attach to (if any). For more information on maintenance policies, see:

- <https://cloud.google.com/compute/docs/instances/setting-vm-host-options>

Additional syntax is available directly from google [HERE](#).

Section 2 | LAUNCH THE VM INSTANCE

Navigate to the Compute Engine -> VM Instance screen to find the IP address:



Section 3 | RUN THE FIRST TIME WIZARD

- 1 In your web browser, enter the IP address or host name assigned to the BackBox Server: `https://IPAddress`. The Login screen is displayed:



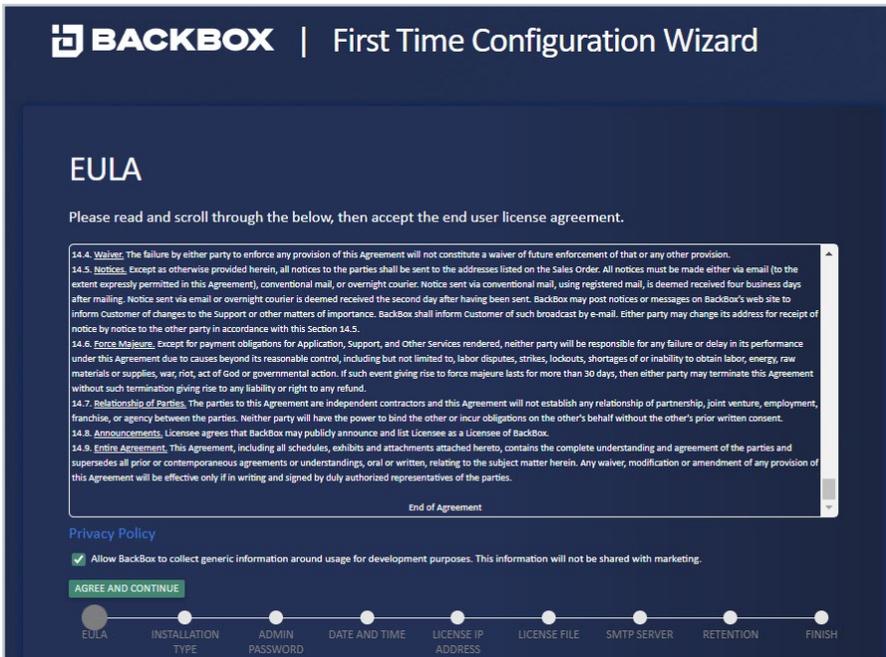
- 2 Enter the default BackBox Username and Password.

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

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

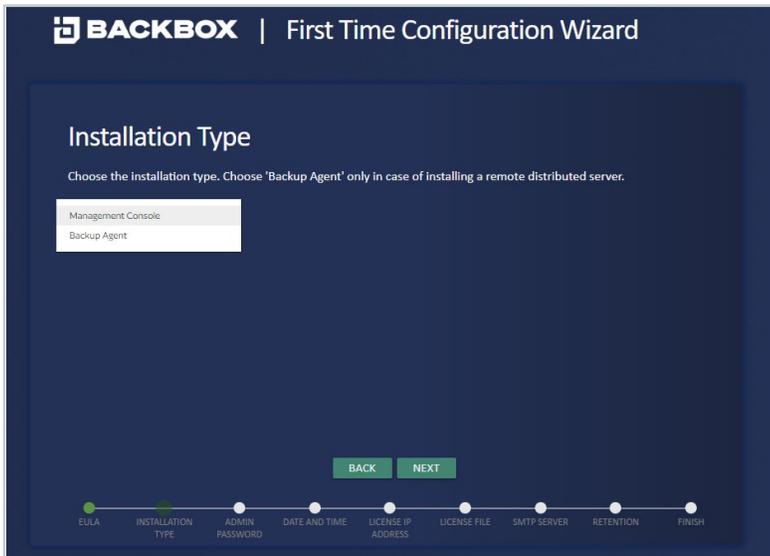
- 3 Once you log in you will see the End User License Agreement.

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



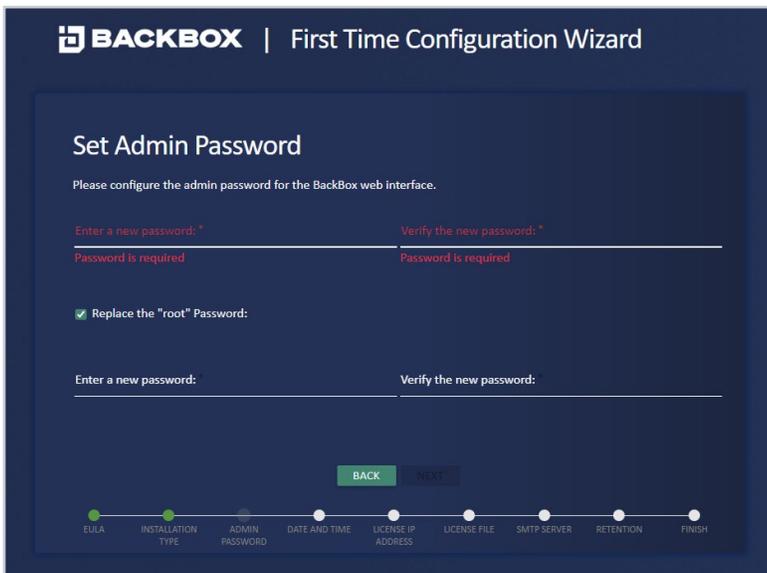
4 You will need to select the Installation Type. This is where you choose between Management (main unit) or Agent (dependent unit). Agent units are only able to accept commands from a Management unit, so be sure you already have a Management unit before choosing Agent.

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**



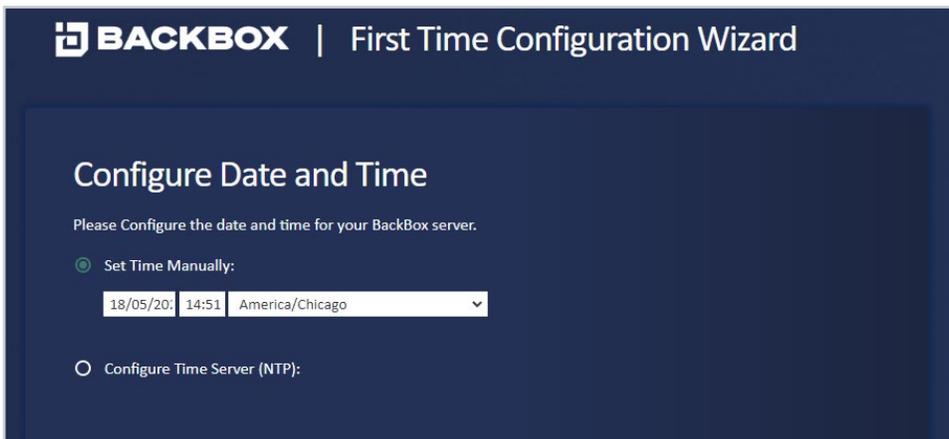
7 Verify the BackBox IP matches the IP address you will use for configuring the license.



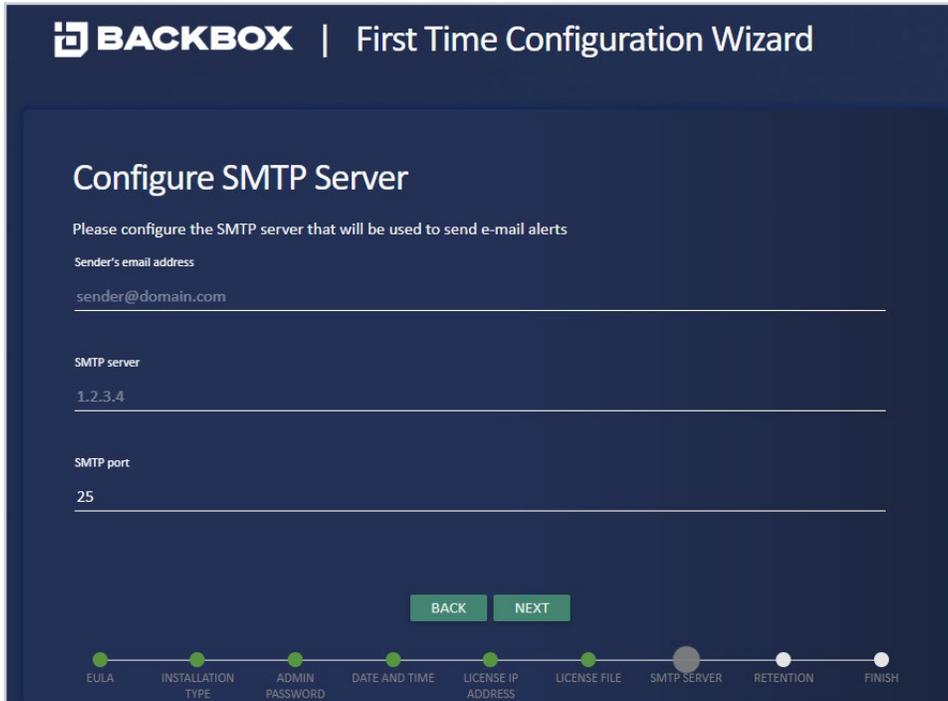
8 Select the Create Demo License. This will create a 14-day Evaluation license.



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

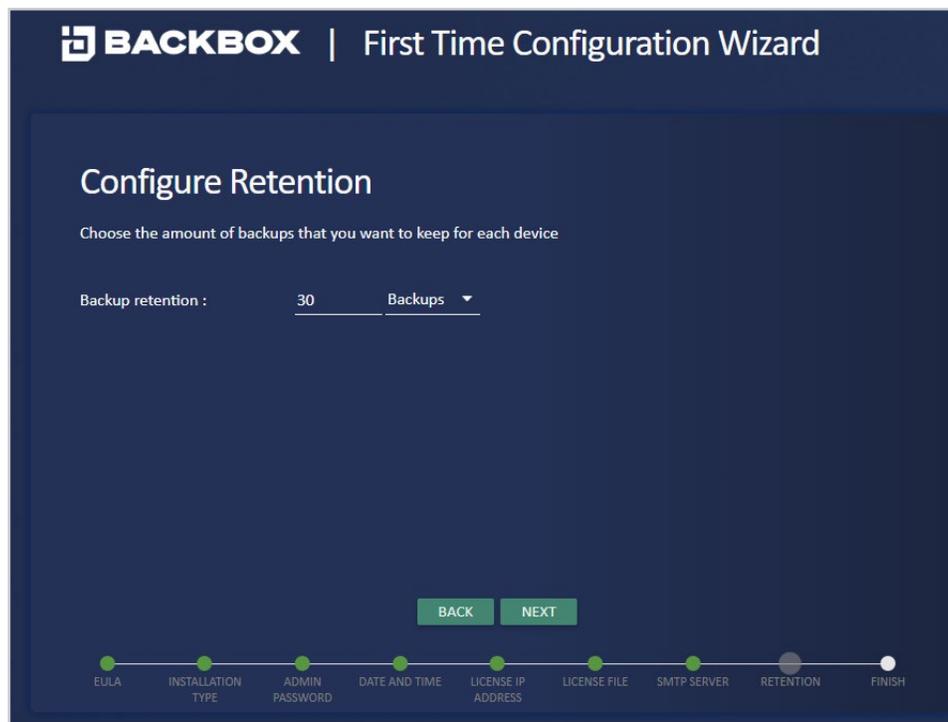
SMTP server
1.2.3.4

SMTP port
25

BACK NEXT

EULA INSTALLATION TYPE ADMIN PASSWORD DATE AND TIME LICENSE IP ADDRESS LICENSE FILE SMTP SERVER RETENTION FINISH

- 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

BACK NEXT

EULA INSTALLATION TYPE ADMIN PASSWORD DATE AND TIME LICENSE IP ADDRESS LICENSE FILE SMTP SERVER RETENTION FINISH

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 4 | VERIFY THE INSTALLATION

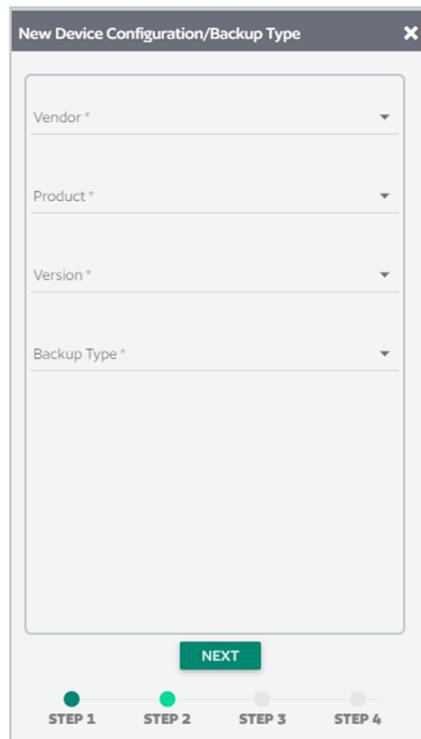
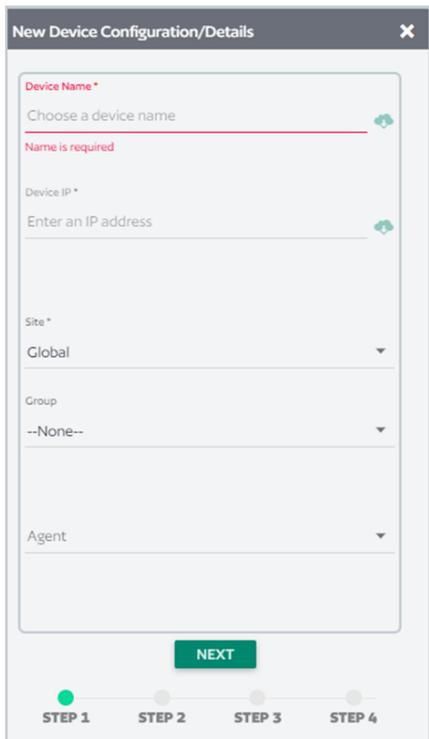
To ensure the installation was successful:

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

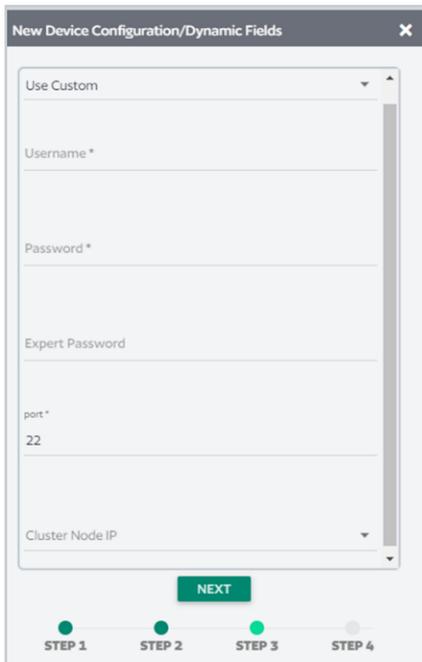
Section 5 | ADD A DEVICE AND RUN A BACKUP

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

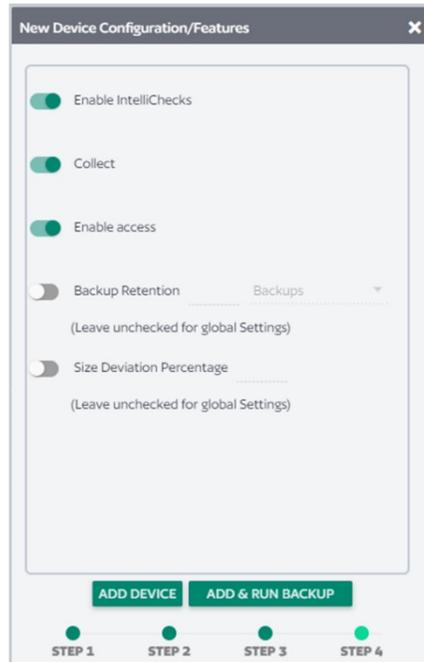
- 1 On the Devices screen, click the Add button. The New Device Configuration dialog box appears. Add the device name, the device IP address (and if you have created them, add the Group, Agent, and/or Site you wish to assign to the device), if not then leave Group and Agent blank and the Site set to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



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



4 The fourth dialog box appears. Optionally, check Enable IntelliChecks and/or Enable Access to turn on that functionality for the device.



5 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.

6 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!

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

Contact Us



+1-833-BACKBOX
(+1-833-222-5269)



North America
14135 Midway Road
Greenhill Towers, Suite G250
Addison, TX 75001 USA
info@backbox.com



EMEA
13 Ha'amal St., Park Afeq,
Rosh-Haain, 4809249 Israel
info@backbox.com



APAC
apacinfo@backbox.com

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