

# Getting Started With BackBox Evaluation Guide: Deployment in AWS

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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					
To successfully install the BackBox platform, you will need to:					
<ol> <li>Understand the Prerequisites and EC2 sizing requirements</li> <li>Deploy BackBox from a public AMI. (Installation of BackBox OS will take less than 20</li> </ol>					
minutes)					
3. Launch new EC2 Instance					
4. Configure Network Settings and Storage					
<ol> <li>Run the First Time Wizard</li> <li>Varify the installation</li> </ol>					
<ul> <li>Verify the installation</li> <li>Add a Device and Pun a Backup</li> </ul>					
. Add a Device and Kan'a Backup					
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Section 1   prerequisites			/		/
The administrator performing the deployment will need:					
Access to an AWS account.					/
<ul> <li>Amazon's Elastic Compute Cloud (EC2) will need to be provisioned for the AWS account.</li> <li>Information on enabling EC2 can be found <u>HERE</u></li> </ul>					
Permissions to access Amazon's Elastic Compute Cloud (EC2).					/
Information on generating Identity and Access Management (IAM) groups and assigning roles within AWS can be found at HERE					
Required Permissions:     Generate an Instance within EC2					
Access public AMIs within EC2					
Deploy an instance from a public AMI within EC2					
Section 2   deploy backbox from a public ami					/
Open the <u>EC2 console.</u>					
<b>Note:</b> Be sure to <u>select the AWS Region</u> that you want to launch the instance in.					



2 From the navigation bar, choose AMIs.					/
aws Services Q Sear					
C New EC2 Experience Tell us what you think ×					
EC2 Dashboard					/
EC2 Global View				/	
Tags					
Limits					
▼ Instances					
Instances					/
Instance Types					
Launch Templates Spot Requests					/
Savings Plans Reserved Instances					
Dedicated Hosts					
Scheduled Instances Capacity Reservations					
▼ Images					
AMIs					
AMI Catalog					/
Find the AMI that you want to use to launch a new instance. To begin, open the menu					
next to the search bar, and then select Public images. Nete: The search bar automatically provides filtering options as well as automatically.					/
matching AMI IDs.					
a. Public AMIs are updated on new releases.					
A list of Public AMIs published by BackBox are available in the article: https://support.backbox.com/s/article/Deploying-BackBox-In-Amazon-Web-Services-					
AWS-and-Google-Cloud-Platform-GCP					
W15       III Services       Q. Search       (Alt+5)       (D. Novegring * deptert *         Image: New EC2 Experience       X       Amazon Machine Images (AMIs) (1/1) Imite       (D. Recycle Bin       (E EC2 Image Builder       Actions *       Launch instance from AMI					
Tota water you have     Public images ▼     Q. Storch     < 1 >     Images       EC2 Dashboard     Backbox X     Clear filters					
Verits         Verits         Verits         Owner         Owner           Tags         -         amie-Oct5ka1c3a16d516         BackBox v7.00.05         079846252773/BackBox v7.00.05         0798462527					
Enno ▼ Instances Instances					/
Instance Types Launch Templates Sond Domenter				/	
Savings Plans Reserved Instances					/
Dedicated Hosts Schedulod Instances Capacity Revenations					
▼ Images AMIs			/		/
AMI Catalog					



4 Select the AMI, and then choose Launch Instance from AMI.	
Section 3   launch new ec2 instance	
1 Add a Name, and any additional tags to the Instance.	
Launch an instance Info Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Clou following the simple steps below.	d. Quickly get started by
Name and tags Info	
Name BackBox Name	Add additional tags
2 When choosing an instance type, reference the sizing guide a	vailable <u>HERE.</u>
▼ Instance type Info	
Instance type          t3.xlarge         Family: t3 4 vCPU 16 GiB Memory         On-Demand RHEL pricing: 0.2264 USD per Hour         On-Demand Windows pricing: 0.24 USD per Hour         On-Demand SUSE pricing: 0.2227 USD per Hour         On-Demand Linux pricing: 0.1664 USD per Hour	Compare instance type

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Provide a Key Pair to allow for remote access, if desired.

# Section 4 | configure network settings and storage

Configure the Network settings and provide the appropriate VPC and subnet to assign to the appliance.

Note: Subnet configuration is critical, as this cannot be modified post-deployment at the time of writing.

Additional information on port usage and requirements within BackBox for Security Group configuration can be seen **HERE**.

a. Ensure that "Allow HTTPS traffic from the internet" is selected.

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▼ Network settings Info Edit
Network Info vpc-062642e39eaa9210c
Subnet Info No preference (Default subnet in any availability zone)
Auto-assign public IP Info Enable
Firewall (security groups) Info A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group     Select existing security group
We'll create a new security group called 'launch-wizard-2' with the following rules:
Allow SSH traffic from     Helps you connect to your instance
Allow HTTPS traffic from the internet To set up an endpoint, for example when creating a web server
Allow HTTP traffic from the internet     To set up an endpoint, for example when creating a web server

Add Storage to the Instance. You can <u>use the default root volume type</u>, <u>or select a</u> <u>new type</u> from the Volume Type drop down. The AMI will default to a 120GB drive by default.

a. Select Add New Volume if you want to add additional storage to your instance.

▼ Configure storage Info	Advanced
1x 120 GiB gp2  Root volume (Not encrypted)	
(i) Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage	×
Add new volume	
0 x File systems	Edit

- Select Launch when you are ready to launch the instance.
- Choose View Instances to check the status of your instance.

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Once the instance status is in the "Running" status, collect the Public IPv4 name, and navigate to https://IPAddresss to provision the BackBox instance.

Insta	ances (1/1)	Info			C	Connect	Instance	estate 🔻	Actions <b>v</b>	Launch in	nstance	s	•
Q 1	Find instance l	by attribute or tag (case-sensitive)									< 1		۲
<b>Z</b>	Name	▼ Instance ID	Instance state		Status check	Publi	c IPv4 add	▼   Elast	tic IP 🗢 🗸 🗌	Monitoring		Securi	ty grou
<b>V</b>	-	i-017f528c0202b3e81	🔗 Running	ଭ୍ର	⊘ 2/2 checks pass	sed <b>52.23</b>	.241.151			disabled		launch	-wizard

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# Section 5 | RUN THE FIRST TIME WIZARD

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



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.

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..

BACKBOX | First Time Configuration Wizard **EULA** Please read and scroll through the below, then accept the end user license agreement. <u>ver</u>. The failure by either party to enforce any provision of this Agreement will not constitute a waiver of future enforcement of that or any other provisions to solve the solver set in the solver as the sol omer of changes to the Support or other matters of importance. BackBox shall inf otice to the other party in accordance with this Section 14.5. form Cus ure. Except for payment obligations for Application, Support, and Other Services rendered, neither party will be responsible for any failure or delay ment due to causes beyond its reasonable control, including but not limited to, labor disputes, strikes, lockouts, shortages of or inability to obtain in the second s or access beyond its reasonance control, microaring out not minuted up, and upported, some, noticed, sortingen or meaning of a control of the s Agreement are independent contractors and this Agreemer her party will have the power to bind the other or incur oblig ent will not establish any relationshi igations on the other's behalf with nce and list Licensee as a Licensee of BackBox. <u>ments</u>, Licensee agrees that Backbox may publicly announce and list Licensee as a Licensee of Backbox. <u>ennent</u>, This Agreement, including all schedules, exhibits and attachments attached hereto, contains the complete understanding a ior or contemporaneous agreements or understandings, orail or written, relating to the subject matter herein. Any waiver, modifica will be effective only if an writing and signed by duly authorized representatives of the parties. 4.9. Entire Ag ent of any pr End of Agreement Allow BackBox to collect generic information around usage for development purposes. This information will not be shared with ma TINUE FINE • DATE AND TIME LICENSE IP LICENSE FILE SMTP SERVER RETENTION

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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.



BACK	<b>(BOX</b>   First Time Configuration Wizard
Installatio	on Type
Choose the installa	ation type. Choose 'Backup Agent' only in case of installing a remote distributed server.
Management Console Backup Agent	
	BACK NEXT
EULA INSTALL	LATION ADMIN DATE AND TIME LICENSE IP LICENSE FILE SMTP SERVER RETENTION FINISH

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



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

DEACKBOX First Time Configuration Wizard
 Configure License IP Address
 Choose the IP address to be associated with the license file.
 172.31.252.175
 2001:db8:0:2:2472:ebff:fedc:5b46
 fe80::2472:ebff:fedc:5b46

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





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



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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.

<b>BACKBOX</b>   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 ADMIN DATE AND TIME LICENSE IP LICENSE FILE SMTF TYPE PASSWORD ADDRESS	SERVER RETENTION FINISH					

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.

ВАСКВ	<b>•X</b>   First Time Configuration Wizard
Configure R	etention
Choose the amount of b	ckups that you want to keep for each device
Backup retention :	<u>30 Backups ▼</u>
	BACK NEXT
EULA INSTALLATION TYPE	ADMIN DATE AND TIME LICENSE IP LICENSE FILE SMTP SERVER RETENTION FIN PASSWORD ADDRESS





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





Click the 'Finish!' button to apply your updates.

# **BACKBOX** | First Time Configuration Wizard

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# Section 6 | VERIFY THE INSTALLATION

### To ensure the installation was successful:



Ensure you can login with updated credentials.



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. 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 then leave Group and Agent blank and the Site set to Global, then click **Next**.

Device Name *	
Choose a device name	•
Name is required	
Device IP *	
Enter an IP address	•
Site *	
Global	Ŧ
Group	
None	Ŧ
Agent	v
NEXT	
• • •	

Vendor *		-
Product *		
Version *		
Backup Type*		
	EXT	

Complete the Vendor, Product,

Version, and Backup Type fields,

and click Next.

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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.** 

Jsername*  Aassword *  Expert Password  ort*  Cluster Node IP	e Custom			*	1
Password * Expert Password ort * 22	ername*				
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	Enable IntelliChe	cks		
	Collect	CKS		
•	Enable access			
	Backup Retention	n	Backups	
_	(Leave unchecked	d for globa	l Settings)	
	(Leave unchecked	d for globa	I Settings)	

The fourth dialog box appears.

Optionally, check Enable

Access to turn on that

IntelliChecks and/or Enable

functionality for the device.

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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.

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!

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### 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



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For additional information on features and functionality of BackBox visit the BackBox Help Center: <a href="mailto:support.backbox.com">support.backbox.com</a>

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