Lepide

CONFIGURATION GUIDE

VIRTUAL APPLIANCE DEPLOYMENT GUIDE

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1 Introduction

Welcome to the Virtual Appliance Deployment Guide of the Lepide Data Security Platform. The Lepide Data Security Platform now offers new deployment options in addition to the traditional on-premises deployment. This Virtual Appliance deployment will get you up and running in less than 15 minutes.

1. Virtual Appliance

The Lepide Data Security Platform can now be deployed as a Virtual Appliance using VMware and Hyper-V. The Virtual Appliance is a VM image file with a pre-installed Lepide Data Security Platform.

2 Purpose of this Document

The purpose of this document is to help you become familiar with the configuration of the Virtual Appliance with Lepide Data Security Platform within your virtual infrastructure.

3 Virtual Deployment

The section below explains how to import the virtual appliance into VMware with an installed Lepide Data Security Platform. The following configuration options are available:

- Generalized Windows Server 2016, 180-day evaluation version, and Microsoft SQL Server 2017 Express with native Reporting Services installed.

2. Requirements to Deploy the Virtual Appliance

This section covers the software and hardware requirements where the Lepide Data Security Platform is going to be deployed.

> **NOTE**: The requirements below are sufficient for evaluation purposes only. Refer to the Lepide Data Security Platform Installation and Configuration Guide to install the Lepide Data Security Platform in production environments.

3.1.1 Software Requirements

The minimum software requirements are:

- VMware – VMware ESXi 5.1, 5.5, 6.0, 6.5
- VMware – Workstation 11 and 12

3.1.2 Hardware Requirements

When deploying the Lepide Data Security Platform Virtual Appliance, a pre-configured virtual machine is created. Presented below is the default hardware configuration of the Virtual Machine where Lepide Data Security Platform Virtual Appliance is going to be deployed:

- Processor: 4 cores
- RAM: 12 GB
- HDD: 100 GB
- Total Video Memory: 16 MB
- Network Adapter: vmxnet3
- Other: Check and upgrade VMware tools during power cycle

4 Importing the Virtual Machine from Image to VMware

To import the Virtual Machine from the Image to VMware, please follow the steps below:

1. Go to **File** and click on **Open**.

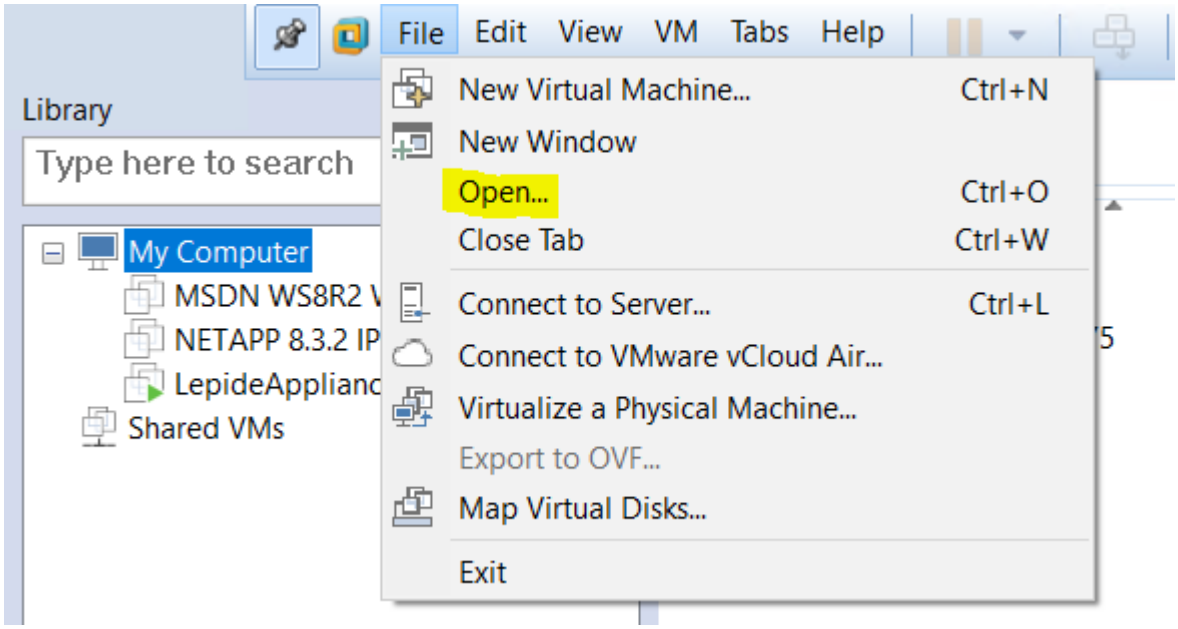

Figure 1: Import the Virtual Machine to VMware

2. On the next screen, please select **LepideApplicance.ova** from the location you have downloaded it.

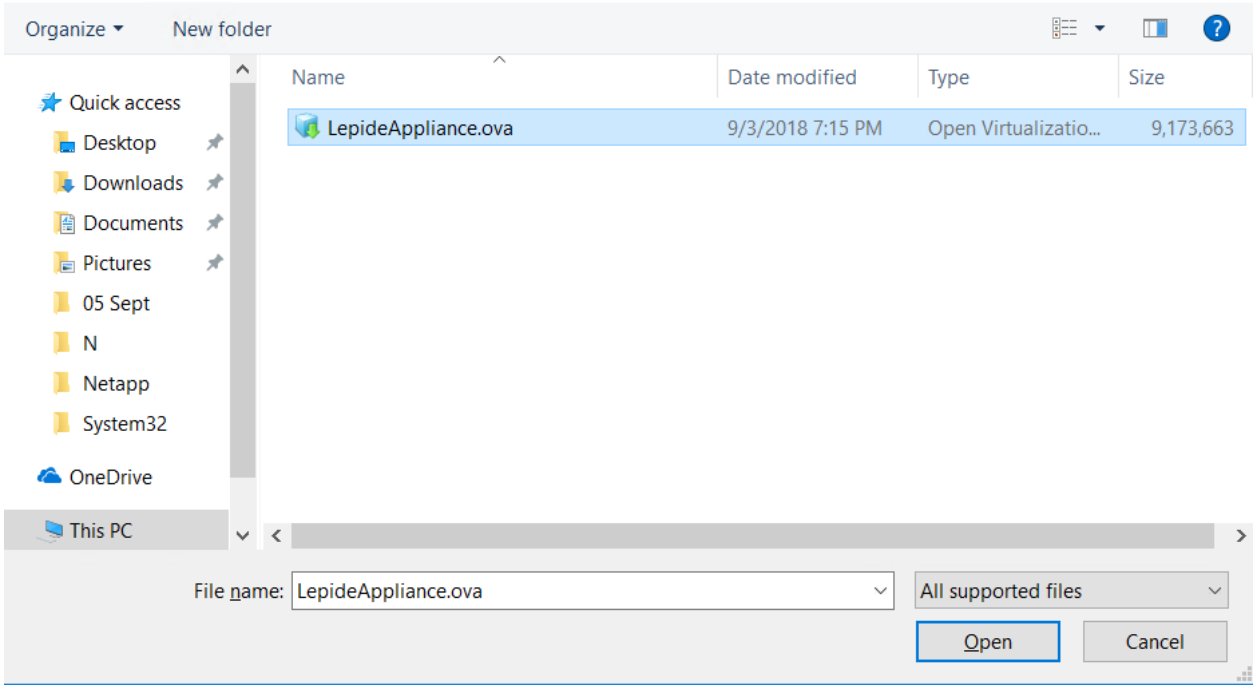

Figure 2: Select LepideAppliance.ova

3. On the next screen, please enter a name for the VM and click **Import**.

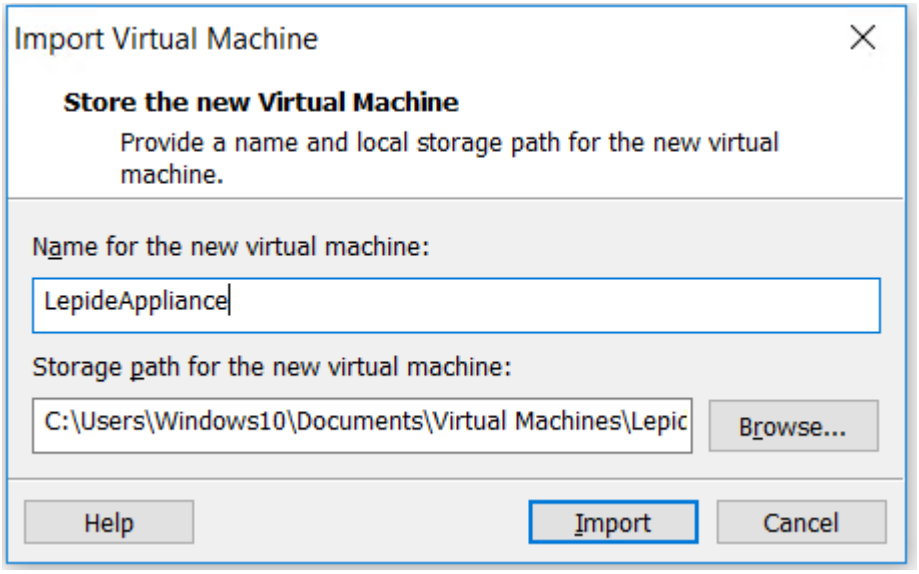

Figure 3: Add a Name for the Virtual Machine

Once you import the machine it will be visible in the VMware console with the provided name and will be ready to use.

5 Importing the Virtual Machine from Image to Hyper-V

Please follow the instructions below to import the Virtual Appliance into the Hyper-V server:

1. On the Hyper-V server, unzip the Lepide Virtual Appliance package to the specified location.
2. Navigate to Start → All Apps → Hyper-V Manager.
3. In the Hyper-V Manager, navigate to Actions → Import virtual machine and follow the instructions of the wizard.

Steps with Description:

Locate Folder - Browse for the folder that contains the extracted Lepide Virtual Appliance.

Select Virtual Machine - Select Lepide Virtual Appliance.

Choose Import Type - Choose the import type that best suits your needs.

Choose Network Type - Select a virtual switch.

Summary - Review your virtual machine settings. Click **Finish** to exit the wizard.

NOTE: If your Hyper-V server runs Windows Server 2012, instead of importing a virtual machine, do the following:
Select **New Virtual Machine**.
Proceed with the wizard:
Set startup memory to 4096 MB
Specify your network switch and select the **Use an existing virtual hard disk** option.

4. The newly created virtual machine named Lepide Virtual Appliance will appear in the list of virtual machines.
5. **Right-click** and select **Start**.

6 Configuring the Virtual Appliance

Follow the below steps to configure the Virtual Appliance with Lepide Data Security Platform:

1. Once you connect to the virtual appliance, you will see that the Windows Server 2012 R2 installation is almost complete. On the **Settings** page, specify a password for the built-in administrator account. Then re-enter your password. Click **Finish**.
2. On the next page, check the box to accept the agreement and click **Proceed**.

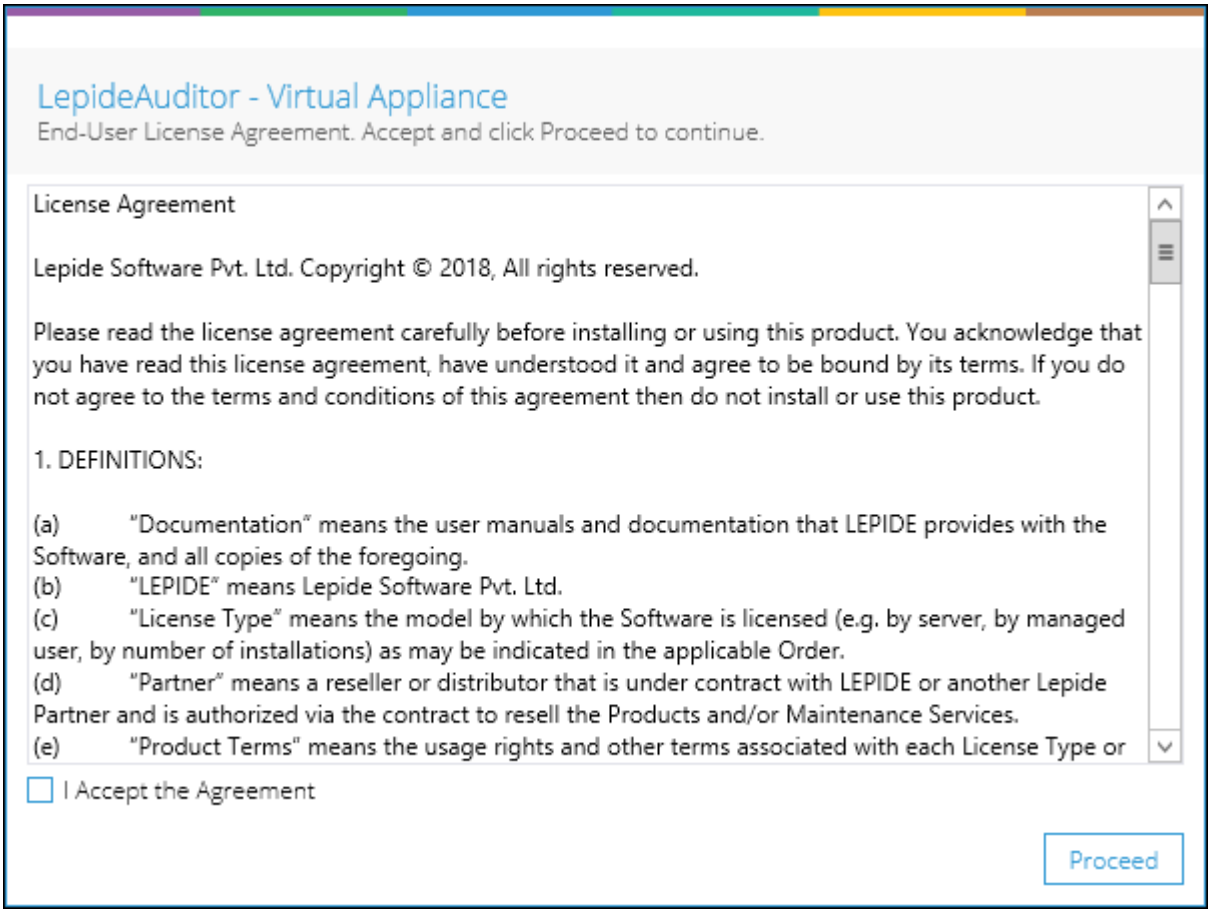

Figure 4: Accept the Agreement

3. If you wish to configure the appliance then click on **Yes, configure the Virtual Appliance**, else select **No, Exit and Reboot** if you want to do the configuration later.

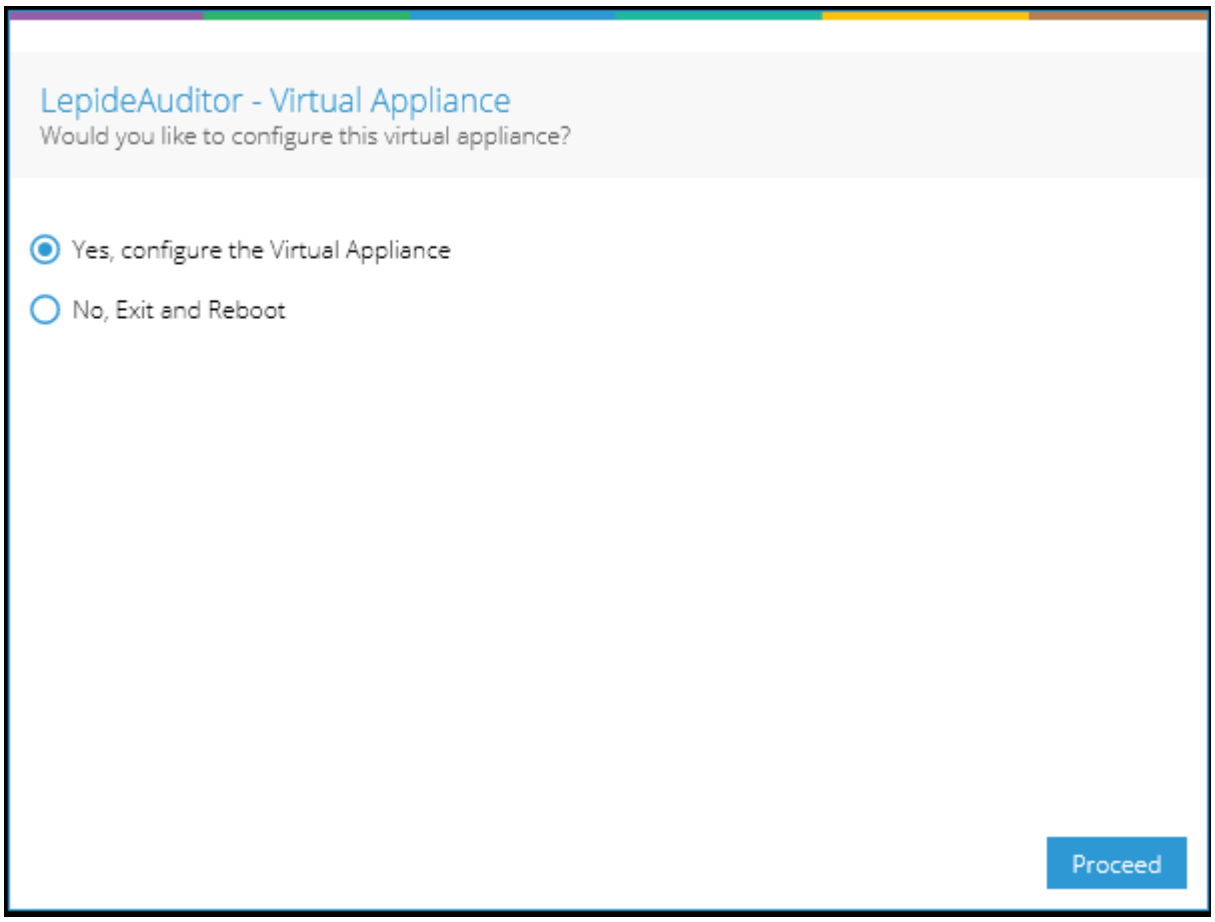

Figure 5: Choose whether to Configure the Virtual Appliance

4. Provide a NetBIOS name for the VM and click **Proceed**.

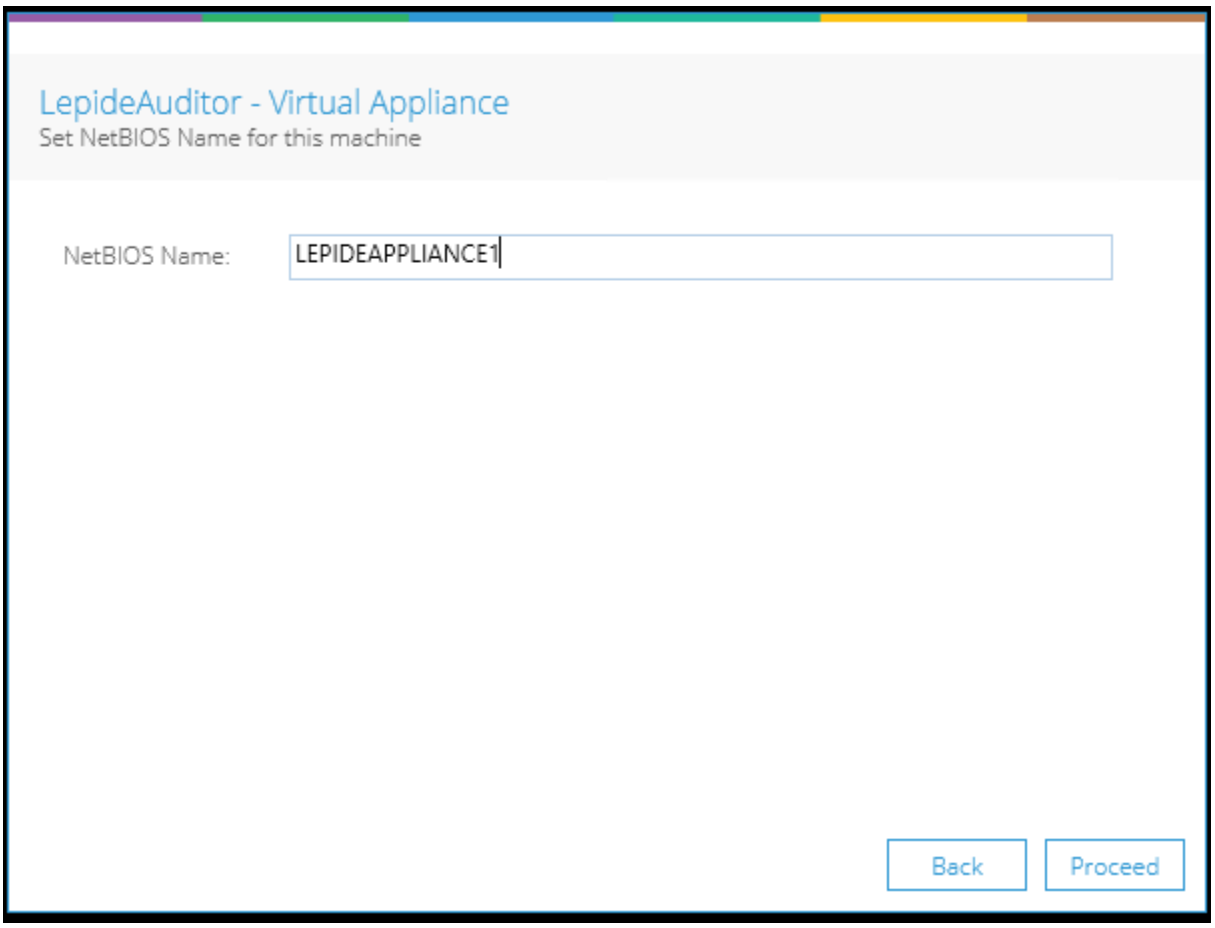

Figure 6: Set NetBIOS Name

5. Now configure the network adapter according to the required settings or select **No** if you plan to do it later.

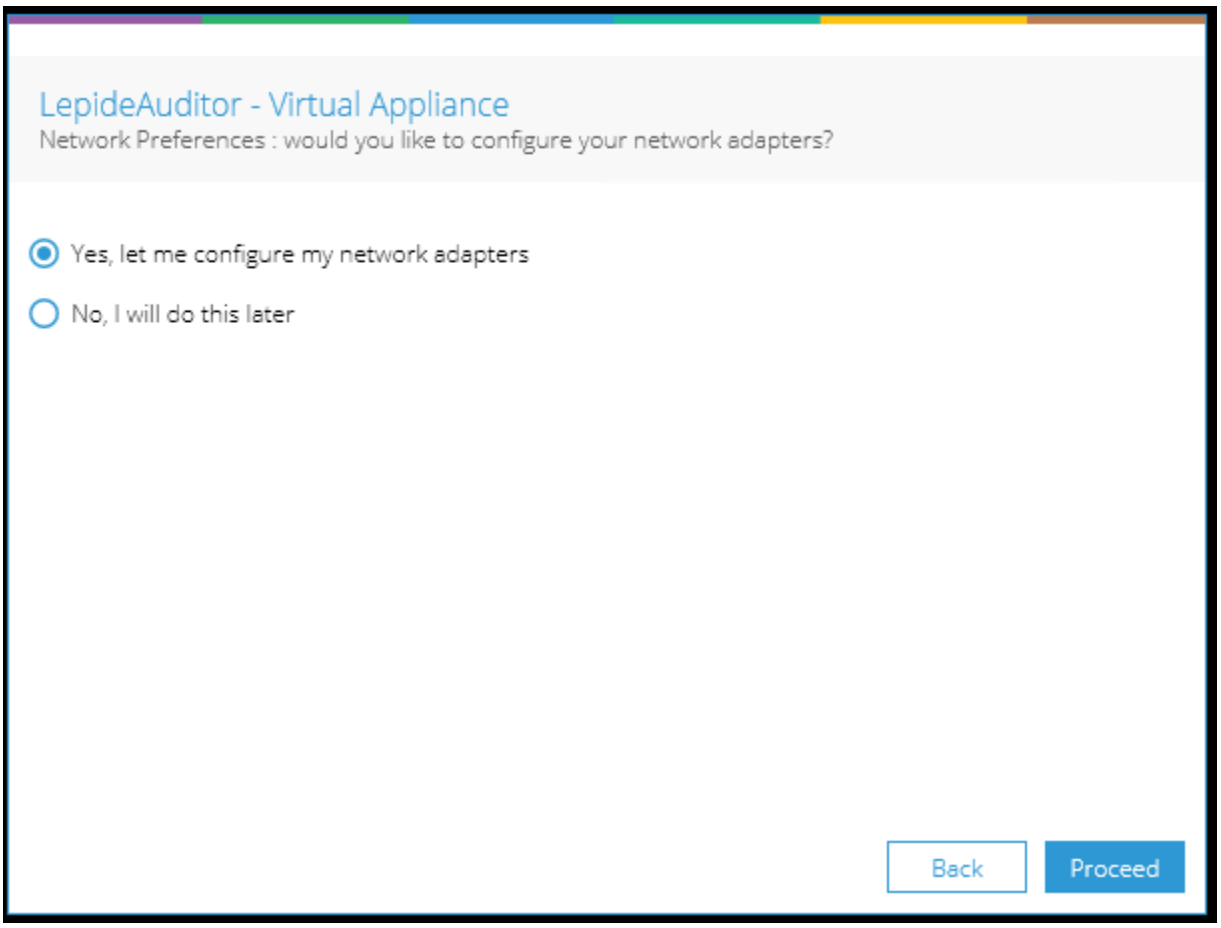

Figure 7: Choose whether to Configure Network Adapters

6. Once the network settings are complete, the next step is to join the machine to a domain if you wish to, or you can leave it in the workgroup as per your requirements.

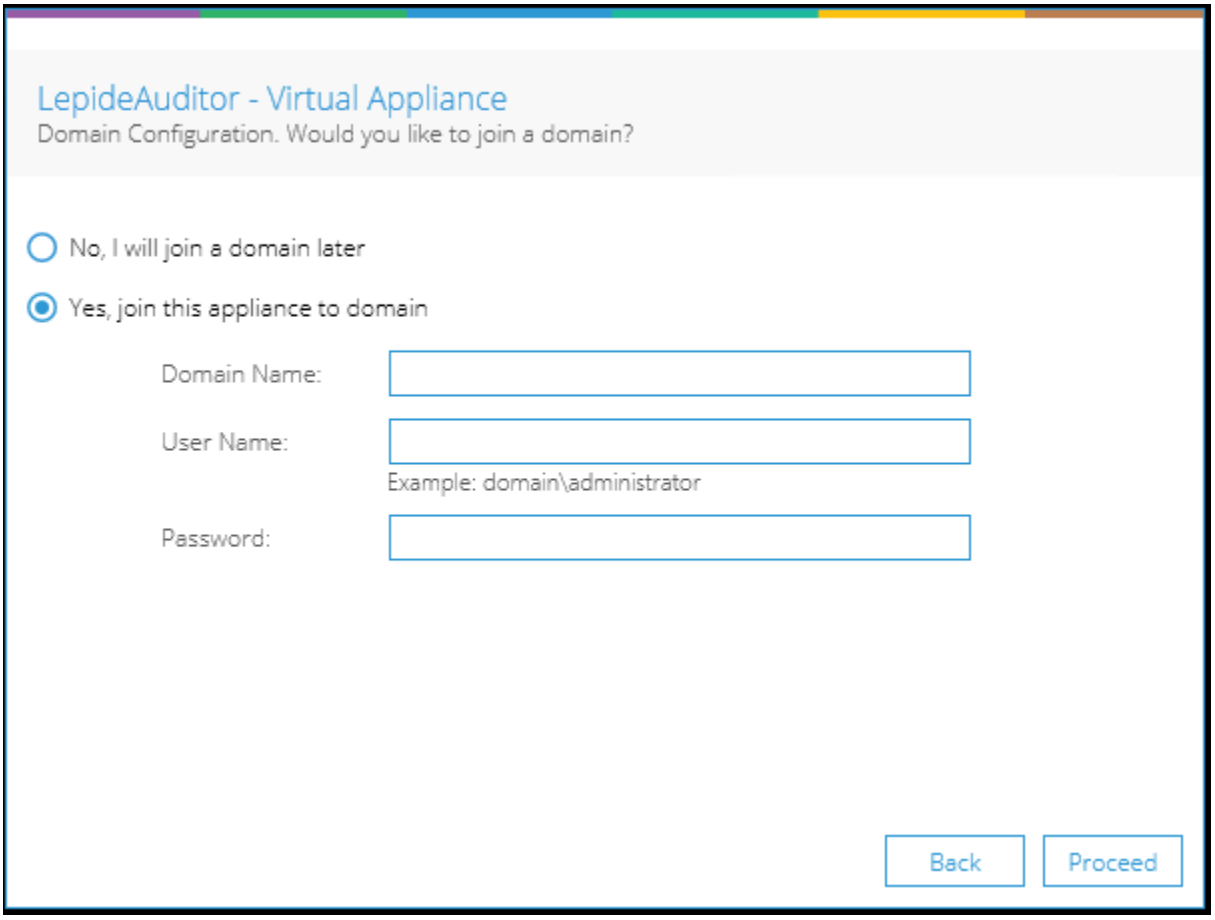

Figure 8: Choose whether to Join a Domain

7. The SQL server is automatically configured. The **sysadmin** server role on SQL server instance is granted automatically to the BUILTIN\administrators group. The user just needs to set up the SQL settings in the solution to create the database.
8. Reboot the virtual machine and the C Drive will now have a zip folder containing all the available **.exe setup files**. Unzip the folder and launch the required **.exe** file to install the Lepide Data Security Platform.

7 Support

If you are facing any issues whilst installing, configuring or using the solution, you can connect with our team using the below contact information.

Product Experts

USA/Canada: +1(0)-800-814-0578

UK/Europe: +44 (0) -208-099-5403

Rest of the World: +91 (0) -991-004-9028

Technical Gurus

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Alternatively, visit https://www.lepide.com/contactus.html to chat live with our team. You can also email your queries to the following addresses:

sales@lepide.com

support@lepide.com

To read more about the solution, visit https://www.lepide.com/data-security-platform/.

8 Trademarks

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