



CONFIGURATION GUIDE

# NUTANIX QUICK START GUIDE

# Table of Contents

- 1 Introduction ..... 3
- 2 Requirements and Prerequisites ..... 3
  - 2.1 Basic System Requirements..... 3
  - 2.2 Supported Servers for Auditing..... 4
  - 2.3 Pre-requisites to Audit Nutanix ..... 4
  - 2.4 Steps to Create a User for RestApi in Nutanix ..... 4
  - 2.5 Required User Rights ..... 7
  - 2.6 Local System Rights ..... 7
- 3 Add Nutanix ..... 8
  - 3.1 Editing the Nutanix Credentials..... 14
- 4 Support..... 16
- 5 Trademarks..... 16

# 1 Introduction

The Lepide Data Security Platform provides a comprehensive way to provide visibility across Active Directory, Group Policy, Exchange on-premises, M365, SharePoint, SQL Server, Windows File Server, NetApp Filer, EMC Isilon, Nasuni (NMC), Nutanix and every platform which can provide an integration with Syslogs and RestAPI.

This guide takes you through the process of standard configuration of the Lepide Data Security Platform for Nutanix.

If you have any questions at any point in the process, you can contact our Support Team. The contact details are listed at the end of this document.

## 2 Requirements and Prerequisites

Before you start installing the Lepide Data Security Platform for File Server (Nutanix), make sure that your computer meets the following requirements:

### 2.1 Basic System Requirements

- Required Processor
  - Minimum dual-core processor
  - Recommended quad-core processor
- Required RAM
  - Minimum 4 GB RAM
  - Recommended 8 GB RAM
- Required free disk space
  - Minimum 1 GB
  - Recommended 2 GB
- Any of the following 32-bit or 64-bit Windows Operating Systems.
  - Windows Server OS: 2016, 2019 and 2022 (latest)
- Any of the following SQL Servers (local or network hosted) for storing auditing logs:
  - Any SQL Server above and including SQL Server 2016 (standard or enterprise)
- .NET Framework 4.6.2 developer pack and above

## 2.2 Supported Servers for Auditing

Audited Servers	Supported Versions
Nutanix	3.7 or above.

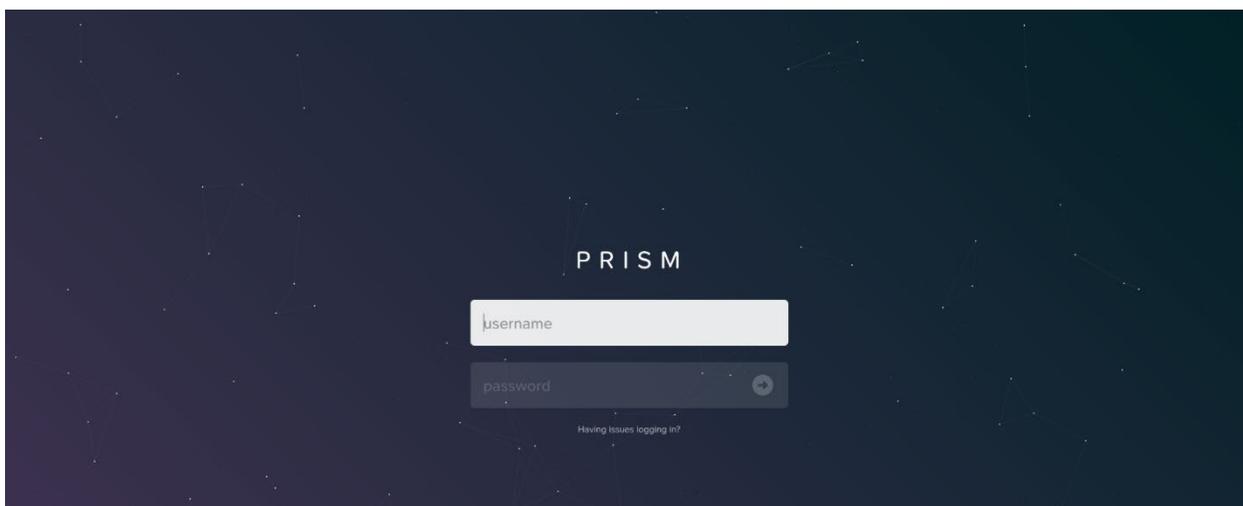
## 2.3 Pre-requisites to Audit Nutanix

- If you have given the denied permission to the file then if you select on file and then right click, the default event is triggered that is "Open Modify\fail".
- If you configure the Nutanix file server on a machine, if you do changes in Nutanix share from the same machine, you are not able to see the changes which you have done
- Port range lies between ( 1024-65535 )
- Supported Protocols:

TCP (Transmission Control Protocol) is a reliable, connection-oriented protocol that ensures data is delivered accurately and in order over a network. It uses error checking, flow control, and retransmission mechanisms to guarantee data integrity and delivery.

## 2.4 Steps to Create a User for RestApi in Nutanix

- Login to the Nutanix web console



**Figure 1: Nutanix Web Console Login**

- After logging into the Nutanix web console, click on the Gear icon

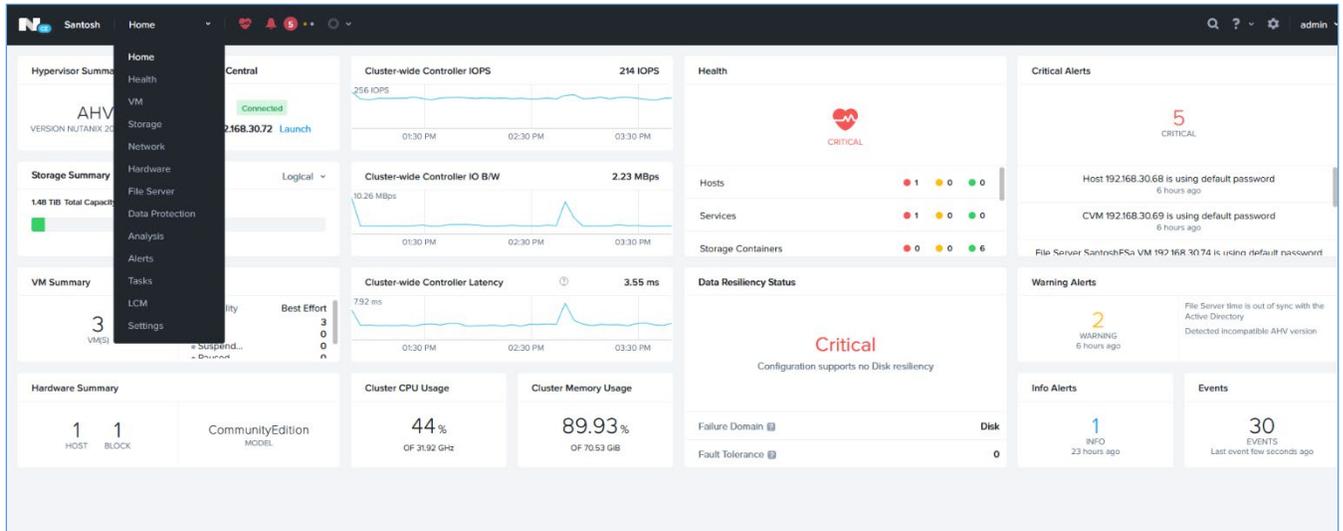


Figure 2: Nutanix Web Console

- Select the File Server and then click the Launch Files Console

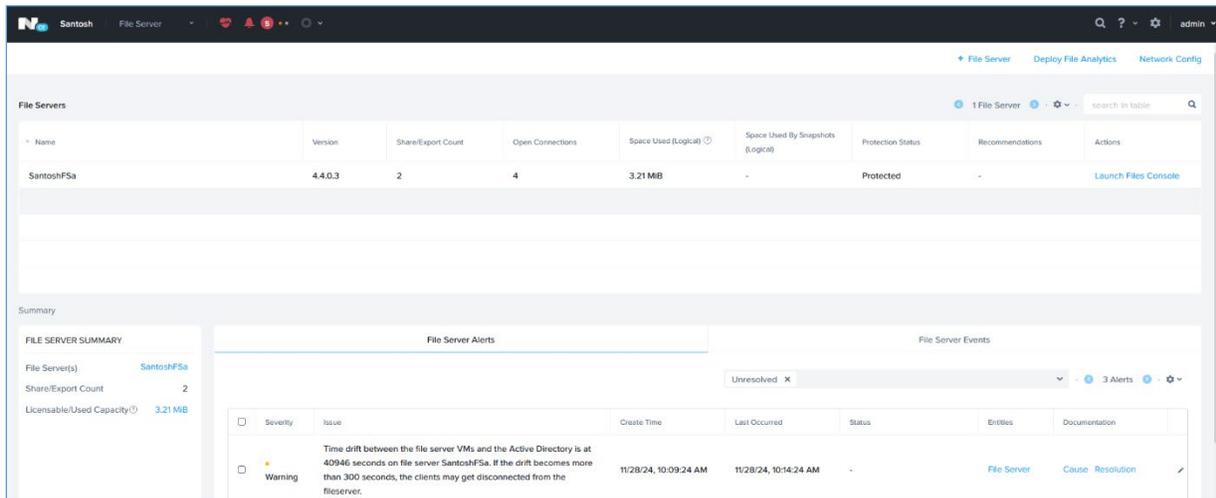


Figure 3: Select File Server

- After clicking on the Launch File Console

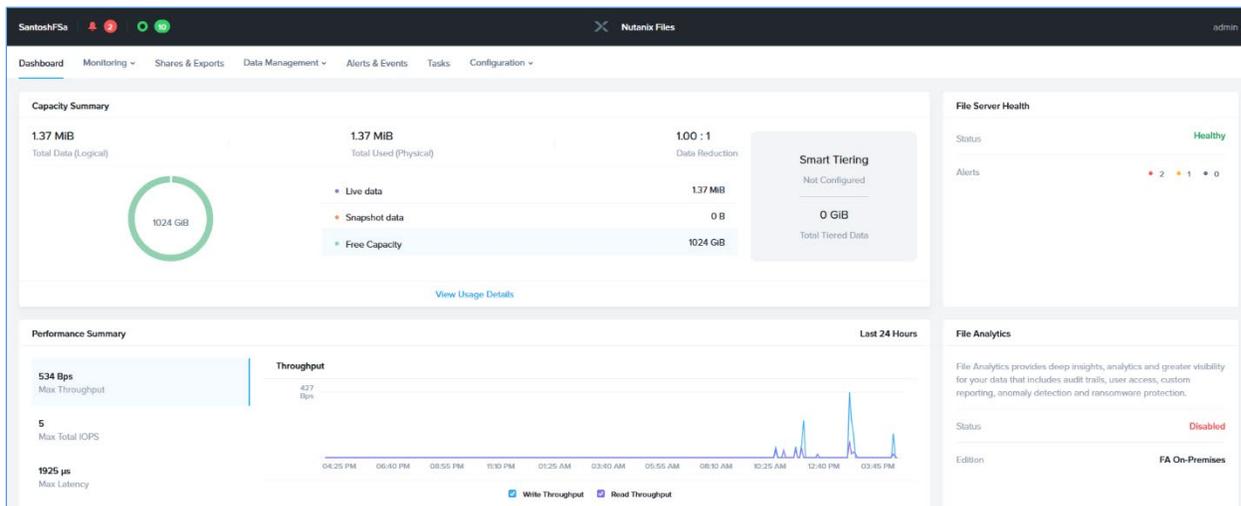
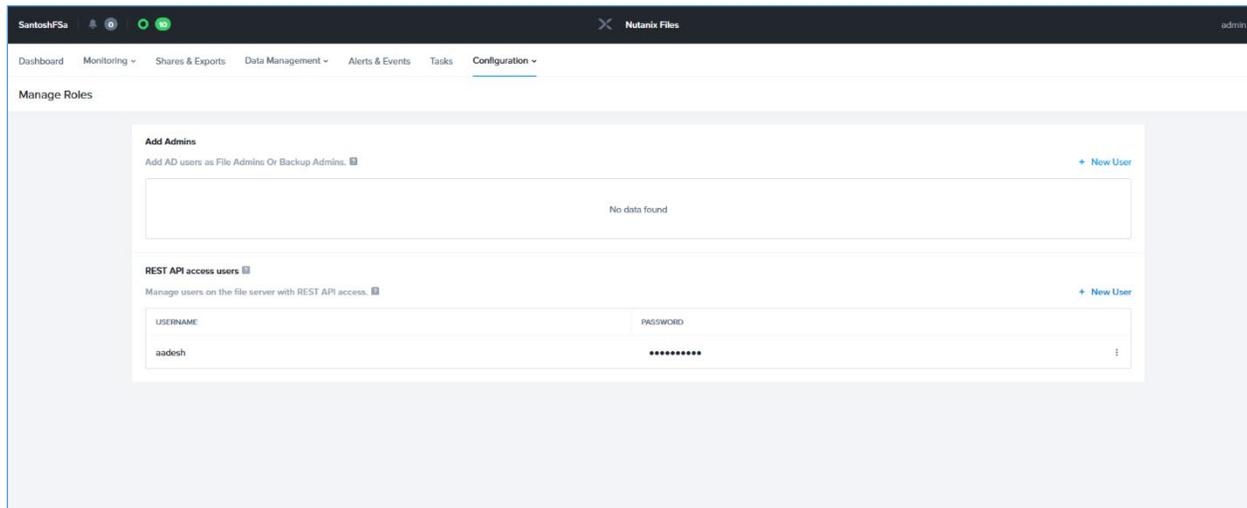


Figure 4: Dashboard

- Click on the **Configuration** dropdown and then select **Manage Roles**



**Figure 5:Manage Roles**

- To create a new user, click on **New User** and then enter the **username** and **password**
- After adding a new user, you can access the RestAPI

## 2.5 Required User Rights

- Users should be Domain users (required for Permission and Property Changes in Auditing)
- A member of Domain Admins Group (required for DDC)

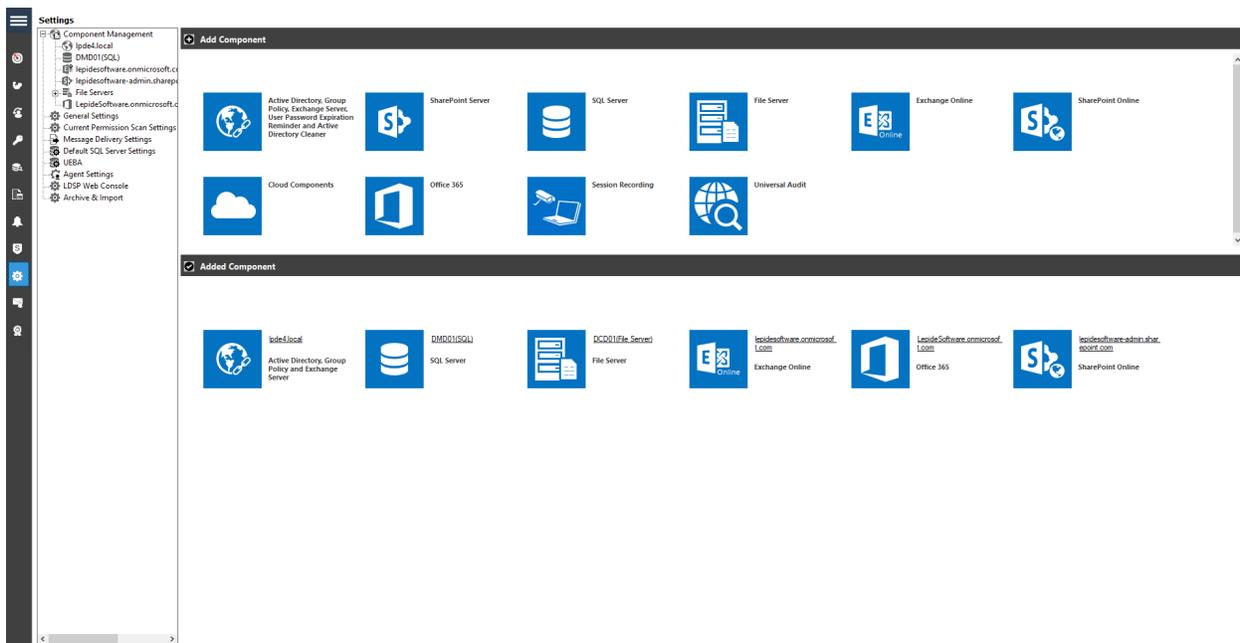
## 2.6 Local System Rights

The user should have the following permissions on the local computer where the software is installed:

- Full access permission to the drive on which the operating system is installed
- Read/Write permissions in the registry

## 3 Add Nutanix

After you have installed the Solution and configured the Lepide service to run with administrative credentials, you can add an Nutanix File Server for auditing.



**Figure 6: Component Management Window**

From the Component Management window, under the **Add Component** section, click on the **File Server** icon to add this component to the solution.

The File Server Settings Console dialog box is displayed:

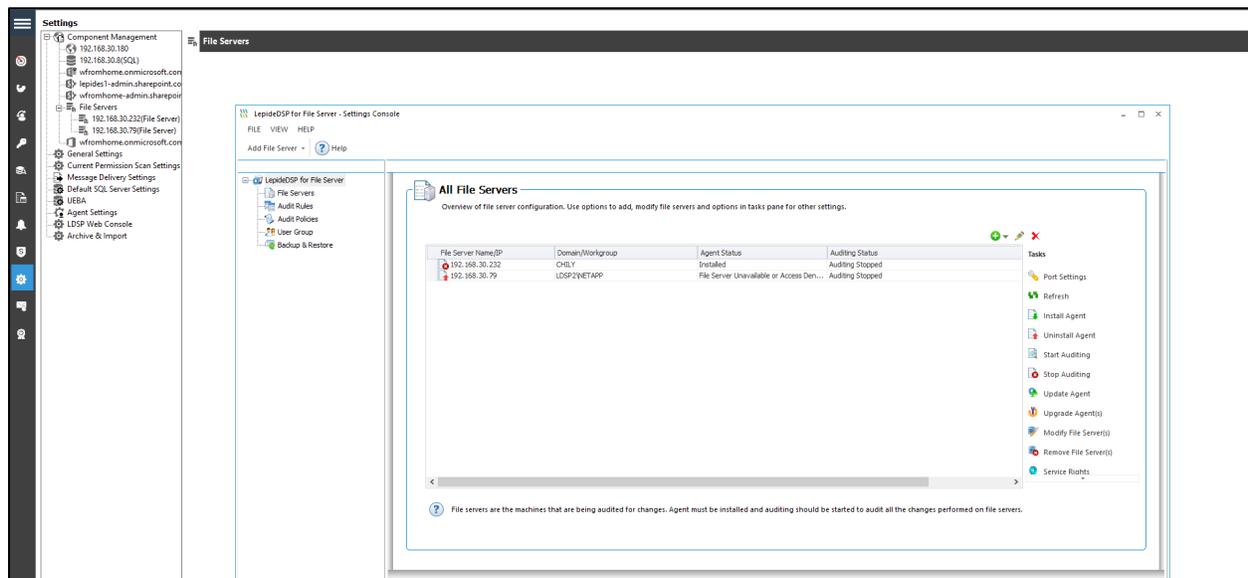


Figure 7: File Server Console

Here, you can click **Add File Server** icon  on the toolbar to add either of the following file servers:

- Windows File Server
- NetApp Filer
- EMC Isilon
- Nasuni
- Nutanix

1. Click the **Add File Server** icon,  select **Single** then select **Nutanix**.

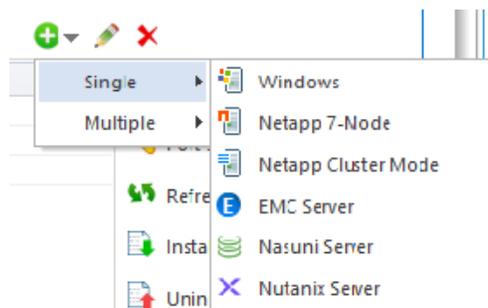


Figure 8: Option to Add Nutanix Server

2. The **Add File Server** wizard starts:

Please Provide Nutanix information

Nutanix File Server

Nutanix File Server Name/IP :

Syslog Listing Port :  ?

User Name :

Password :

Note: Enter User Name in "Domain\\UserName" format.

Nutanix File Server REST API

User Name :

Password :

Note: Enter Nutanix details to access Nutanix File Server REST API

< Back Next > Cancel

**Figure 9: Nutanix Information**

3. Add all the details for the Nutanix file server:

- Enter the Nutanix File Server IP or Name
- Enter Any Syslog Port - to start the auditing please enter a number more than 0

Click the ? icon to see information about the Syslog Listing Port

- Enter the Username and Password for the domain user to share access
- Enter the Username and Password for Nutanix file Server Rest API

Please Provide Nutanix information

Nutanix File Server

Nutanix File Server Name/IP : 192.235.54.363

Syslog Listing Port : 413

User Name : ldsp\Rams09

Password : \*\*\*\*\*

Note: Enter User Name in "Domain\\UserName" format.

Nutanix File Server REST API

User Name : Rams@ldsp

Password : \*\*\*\*\*

Note: Enter Nutanix details to access Nutanix File Server REST API

< Back Next > Cancel

**Figure 10: Nutanix File Information Completed**

4. Click **Next** to go to the next step, to provide the details of SQL Server to create a database for storing auditing logs.

Please Provide SQL Server information

Server Name :

Windows Authentication  SQL Server Authentication (Recommended)

User Name :

Password :

Database Option :

Create Database

Select Database

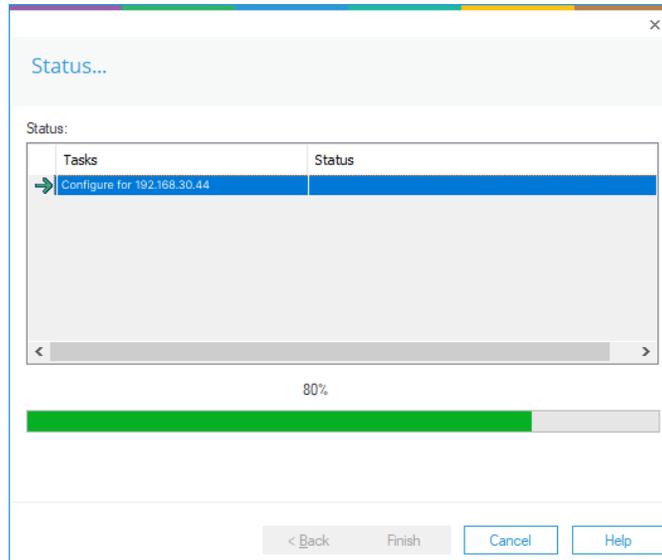
Note : If you do not have SQL Server installed then click this link to download SQL Express edition.  
<https://www.microsoft.com/en-in/education/products/microsoft-365>

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**Figure 11: SQL Server Details to add Nutanix**

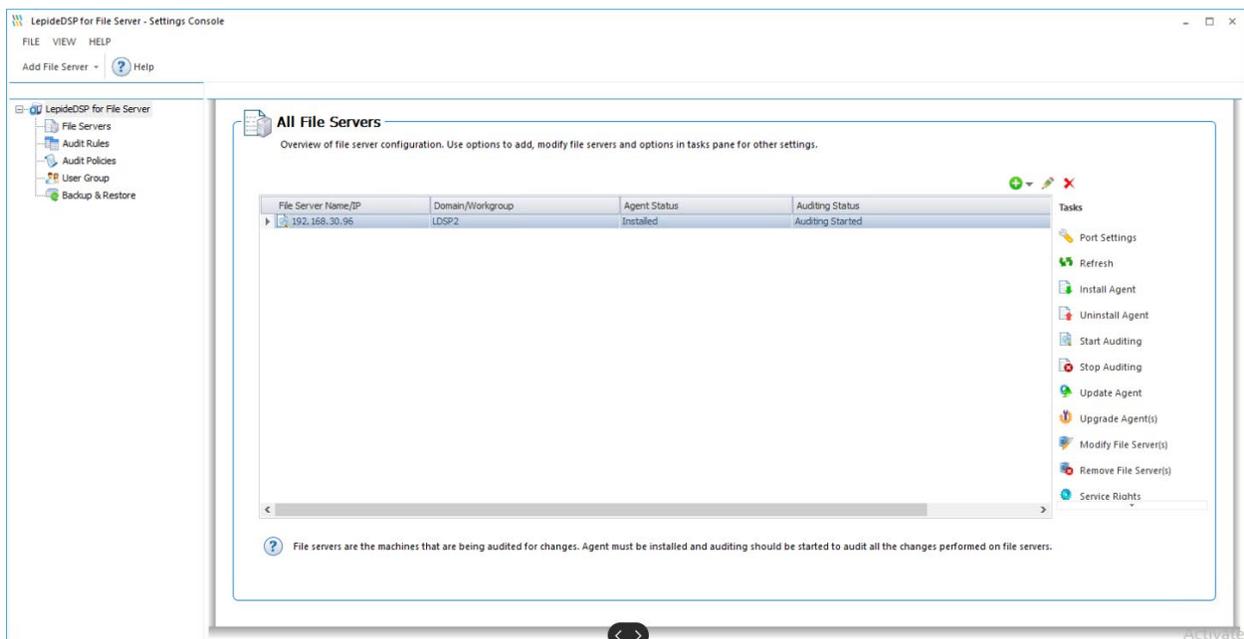
5. Enter the **Server Name** or click Browse to select the desired SQL Server.
6. There are two authentication options available:
  - **Windows Authentication:** This mode can be selected if SQL Server is installed on the same computer where the solution is installed.
  - **SQL Server Authentication:** Select this mode if SQL Server is installed on a remote or local computer. We recommend that this option is selected.
  - Provide the username and password of a SQL user, who has sufficient rights to create the database.
7. Enter a database name in the database name field to create a new database. You can also select an existing database created earlier by Lepide or another application.
8. Click **Next**

The Status dialog box is displayed:



**Figure 12: Status**

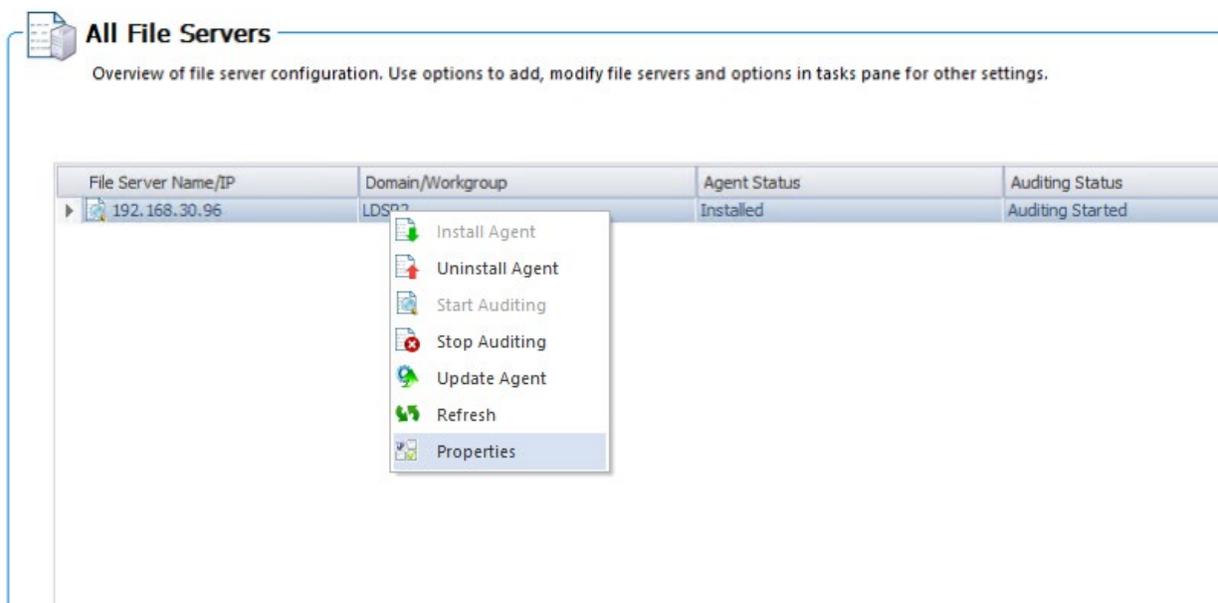
9. Once complete, click **Finish**
10. You will return to the Settings Console and the File Server will be listed with Auditing started:



**Figure 13: Settings Console with File Server Installed**

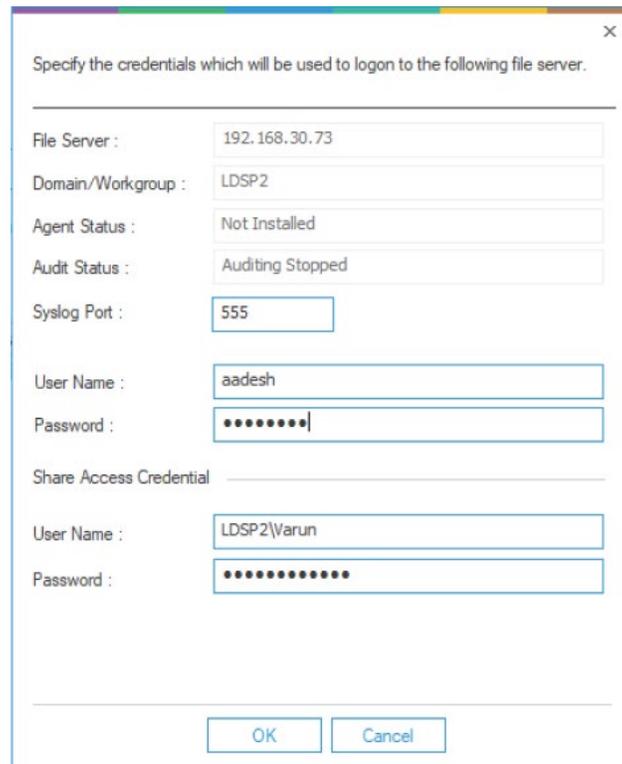
## 3.1 Editing the Nutanix Credentials

To make changes to the credentials, right click on the File Server name and choose **Properties**



**Figure 14: Properties Menu**

The Properties dialog box will be displayed:



Specify the credentials which will be used to logon to the following file server.

File Server :	192.168.30.73
Domain/Workgroup :	LDSP2
Agent Status :	Not Installed
Audit Status :	Auditing Stopped
Syslog Port :	555
User Name :	aadesh
Password :	••••••••
Share Access Credential	
User Name :	LDSP2\Varun
Password :	••••••••

OK Cancel

**Figure 15: Properties**

Make the changes as required and click **OK** when finished.

## 4 Support

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

### 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

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

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

Rest of the World: +91(0)-991-085-4291

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](mailto:sales@Lepide.com)

[support@Lepide.com](mailto:support@Lepide.com)

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

## 5 Trademarks

Lepide Data Security Platform, Lepide Data Security Platform App, Lepide Data Security Platform App Server, Lepide Data Security Platform (Web Console), Lepide Data Security Platform Logon/Logoff Audit Module, Lepide Data Security Platform for Active Directory, Lepide Data Security Platform for Group Policy Object, Lepide Data Security Platform for Exchange Server, Lepide Data Security Platform for SQL Server, Lepide Data Security Platform SharePoint, Lepide Object Restore Wizard, Lepide Active Directory Cleaner, Lepide User Password Expiration Reminder, and LiveFeed are registered trademarks of Lepide Software Pvt Ltd.

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