Assignment

Server Backup

Task A computer named vase_ime-DATA (e.g., Peter-DATA) contains financial information that needs to be backed up constantly and regularly. This information is crucial for the smooth flow of the company's business. As an administrator, you have decided to use Windows Server Backup to restore critical information. Your job is to install this feature and configure it.

Backing up should be done using the following settings:

backup configuration: Custom, folder C:\vase_ime-finance-data (e.g. C:\Peter-finance-data);

Backup start time: once a day at 03:00;

type of backup destination: dedicated backup disk;

Backup Destination: Disk on the local computer (remember that the destination disk will be formatted, so it is recommended that you specify an empty partition for the backup).

Provide the solution in a text document, where you will gradually describe the stages needed to solve the tasks. Follow the flow of the solution description with appropriate screenshots for each step of the task.

Course: Active Directory Infrastructure

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CONTENT

INTRODUCTION

This document presents a step-by-step approach to solving a specific task, outlining the methodology, execution, and expected outcomes. By following the instructions, the reader will gain hands-on experience in applying technical concepts to practical situations, reinforcing both theoretical knowledge and problem-solving abilities.
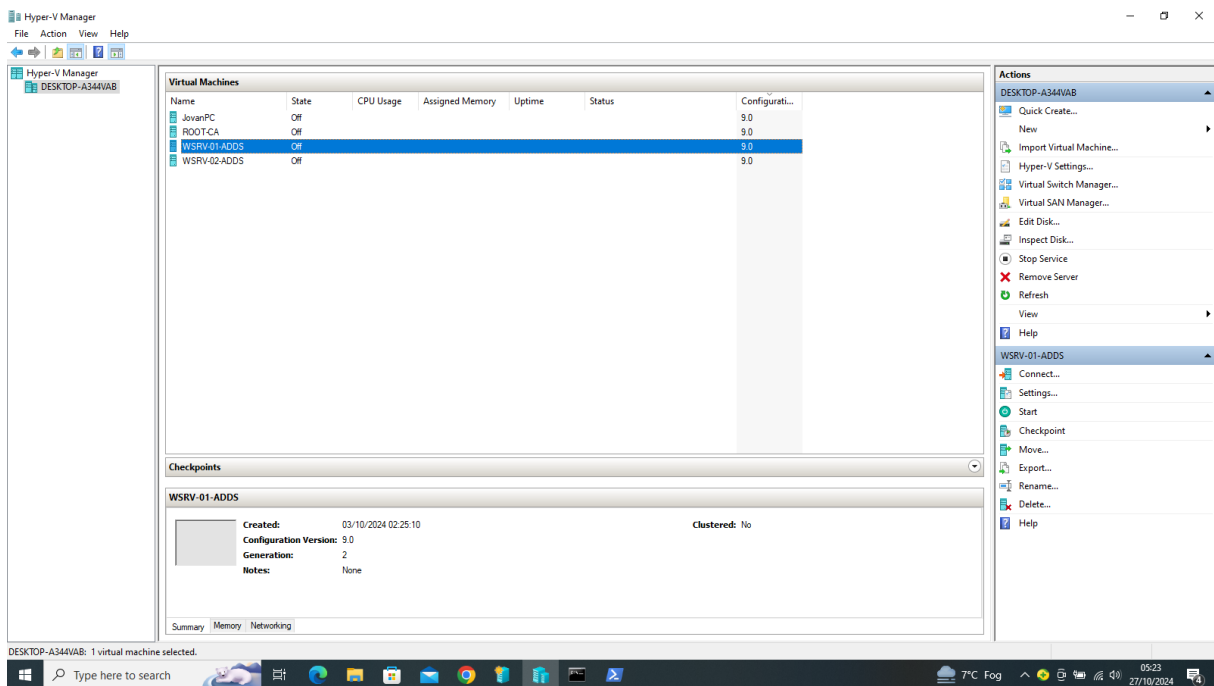
The structured approach ensures that each step is clearly defined, making the process easy to follow and implement in professional environments.

Through this task, the use of a feature on Windows Server, which is called Windows Server Backup, will be introduced. All the steps will be shown in the following screenshots and the entire process of creating a backup will be explained in a text display.

The virtual machine that was used was:

WSRV-01-ADDS

One of the main advantages of Windows Server Backup is its accessibility and ease of use, which allows for quick configuration and easy integration into existing infrastructure without the need for additional software. Backups can be stored in a variety of destinations, including dedicated drives, network locations, and external devices, providing flexibility and additional protection against data loss. In addition, the ability to recover the entire system or individual files contributes to reducing downtime and maintaining business stability, making it an important tool for day-to-day operations in an IT environment.
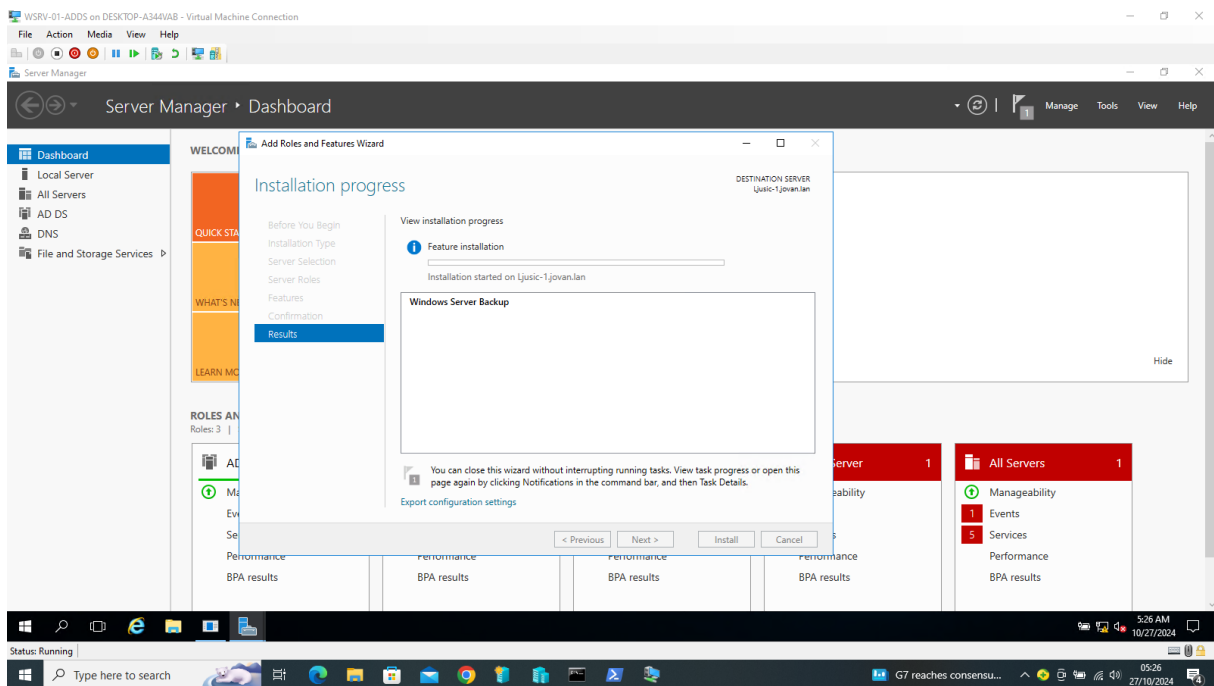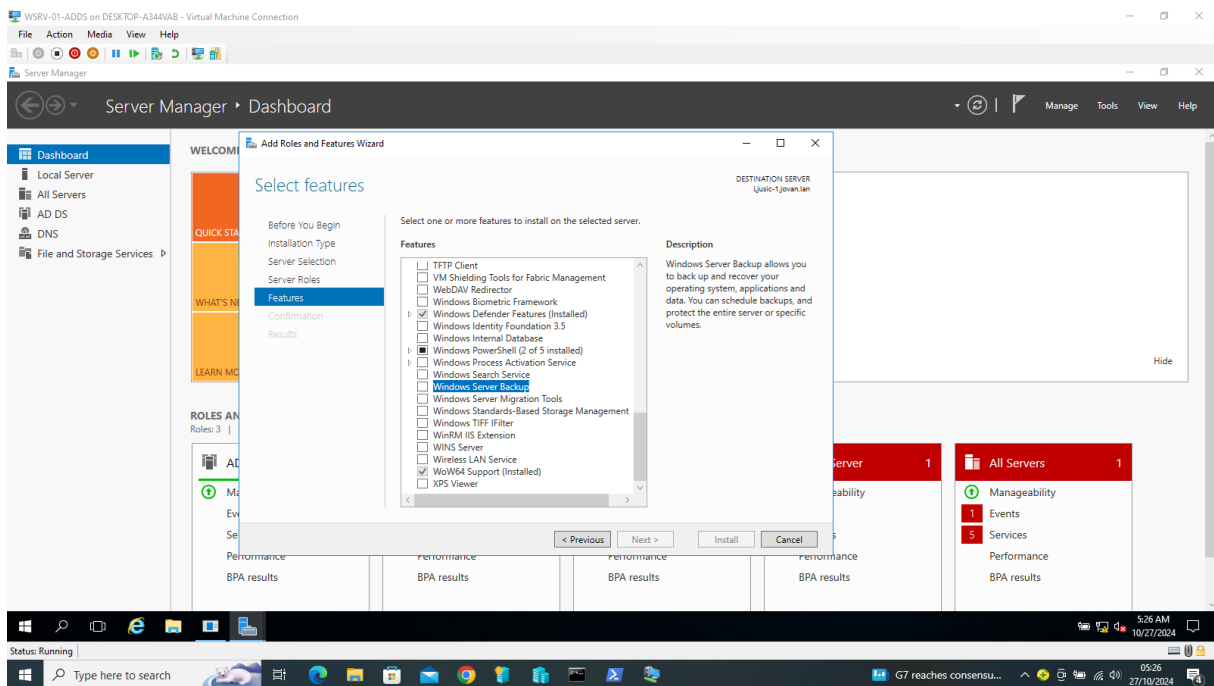

SERVER BACKUP

Before the process and starting the backup, it is necessary to add a feature to the server called Windows server backup. The installation steps are as follows:
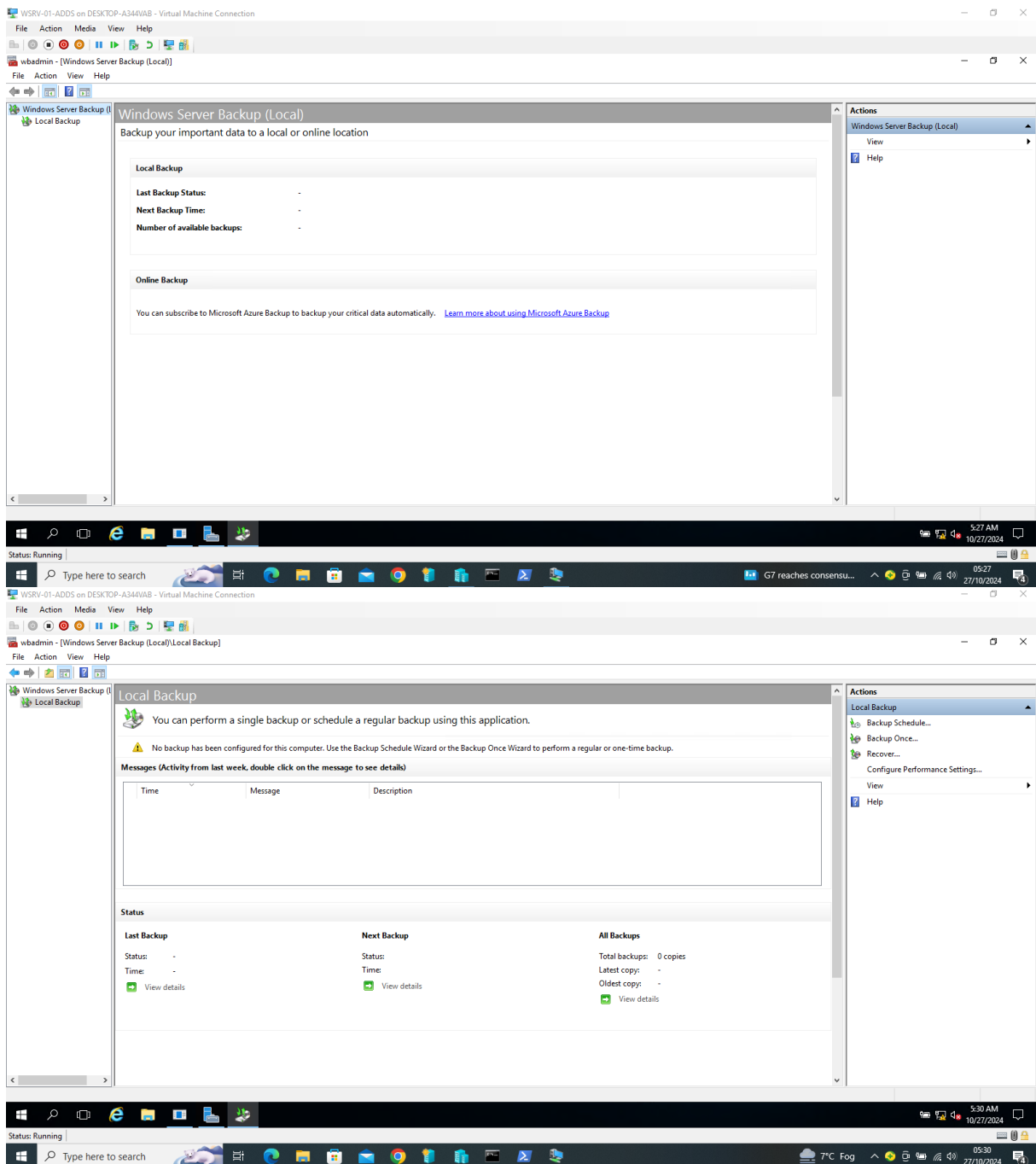
How to Install Windows Server Backup

1. By running **the Server Manager** on your computer.

2. Select **the Add roles and features** icon and run the installation wizard.

3. Select **Role-based or feature-based** installation and click Next.

4. In the list of functions, find and check **Windows Server Backup**.

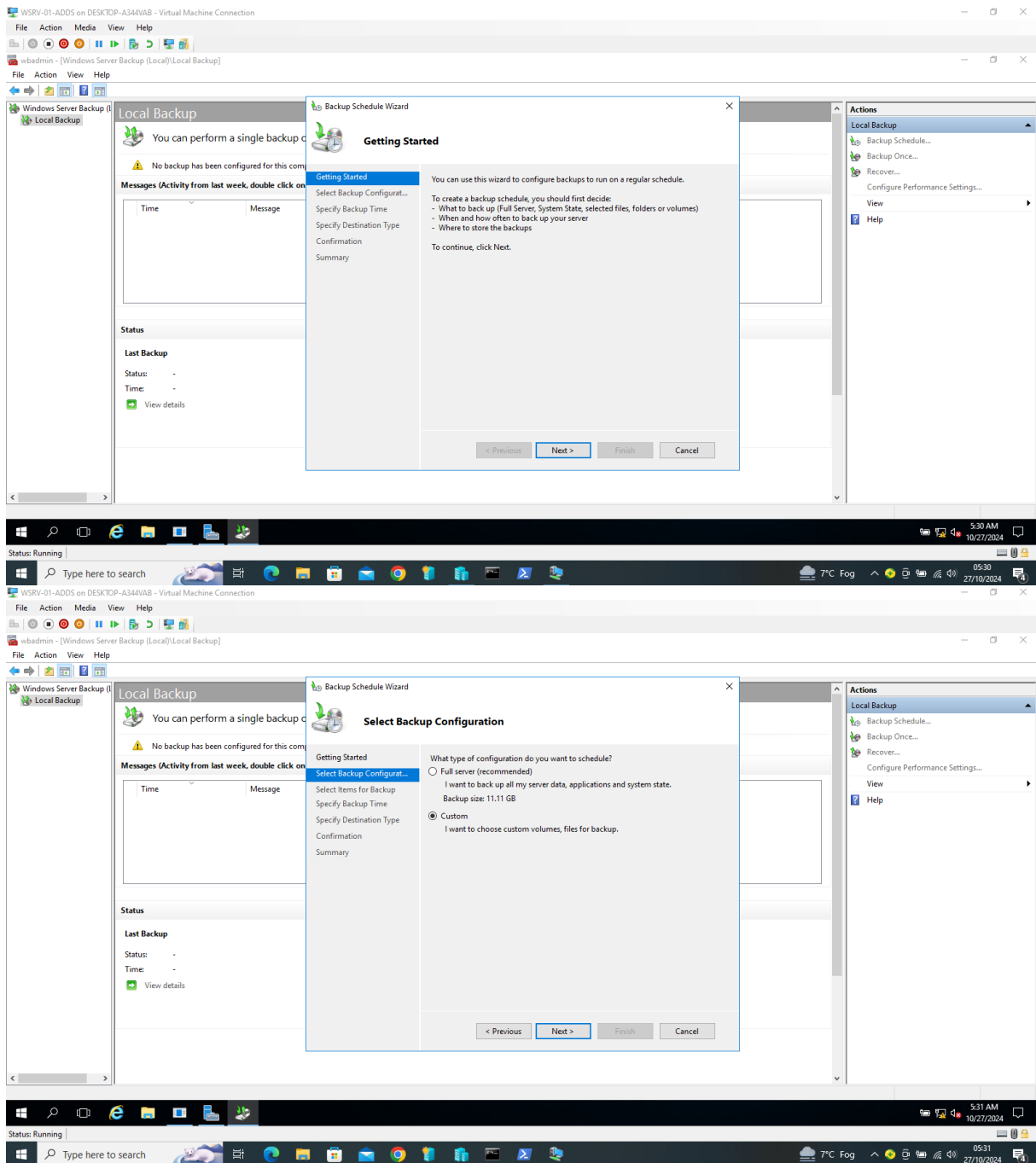5. Click on **Next** and then on **Install** to install the feature.

BACKUP

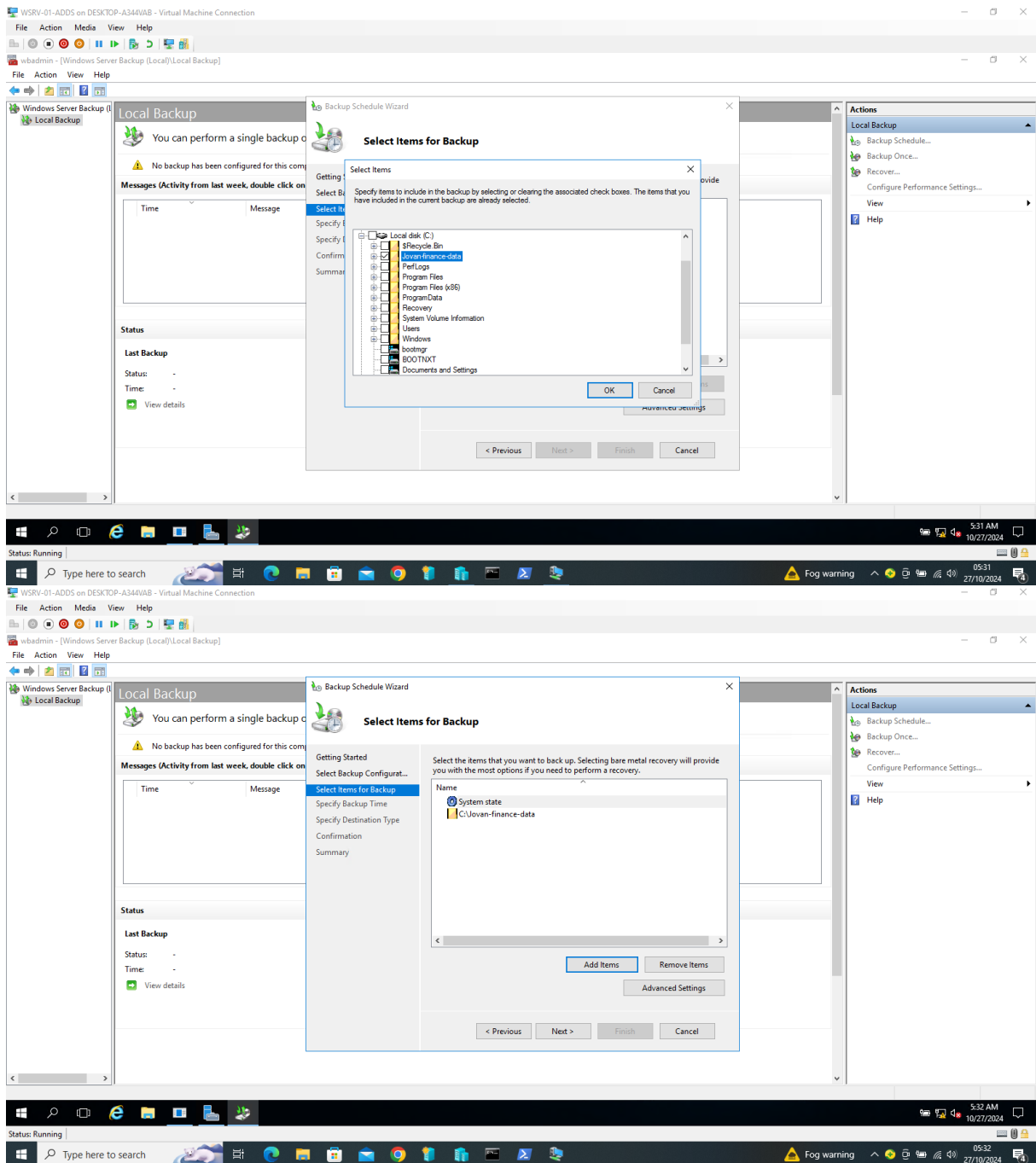## Starting Windows Server Backup and Creating a Backup Task

1. After installation, open the **Windows Server Backup console** .

2. In the right panel, click on **Backup Schedule** to create a new backup task.

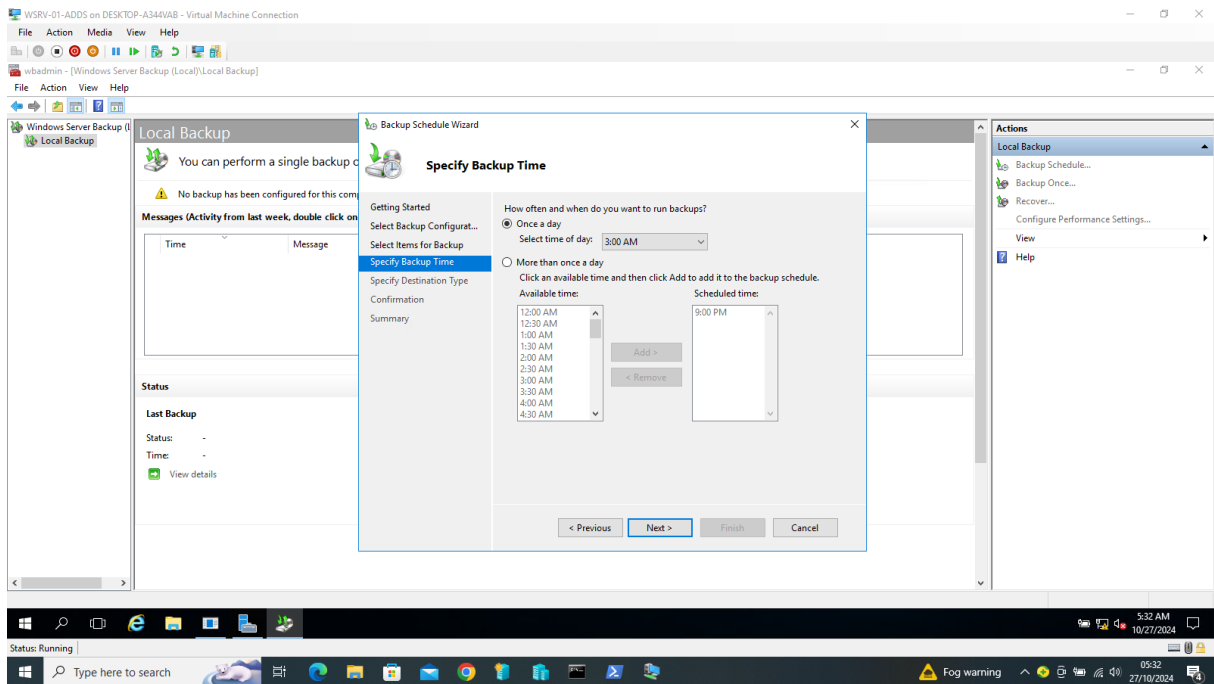3. When the backup scheduling wizard opens, select **Custom** as the configuration type.

Selection of data for backup

1. Click the **Add Items**, then locate the folder and add it to the list.
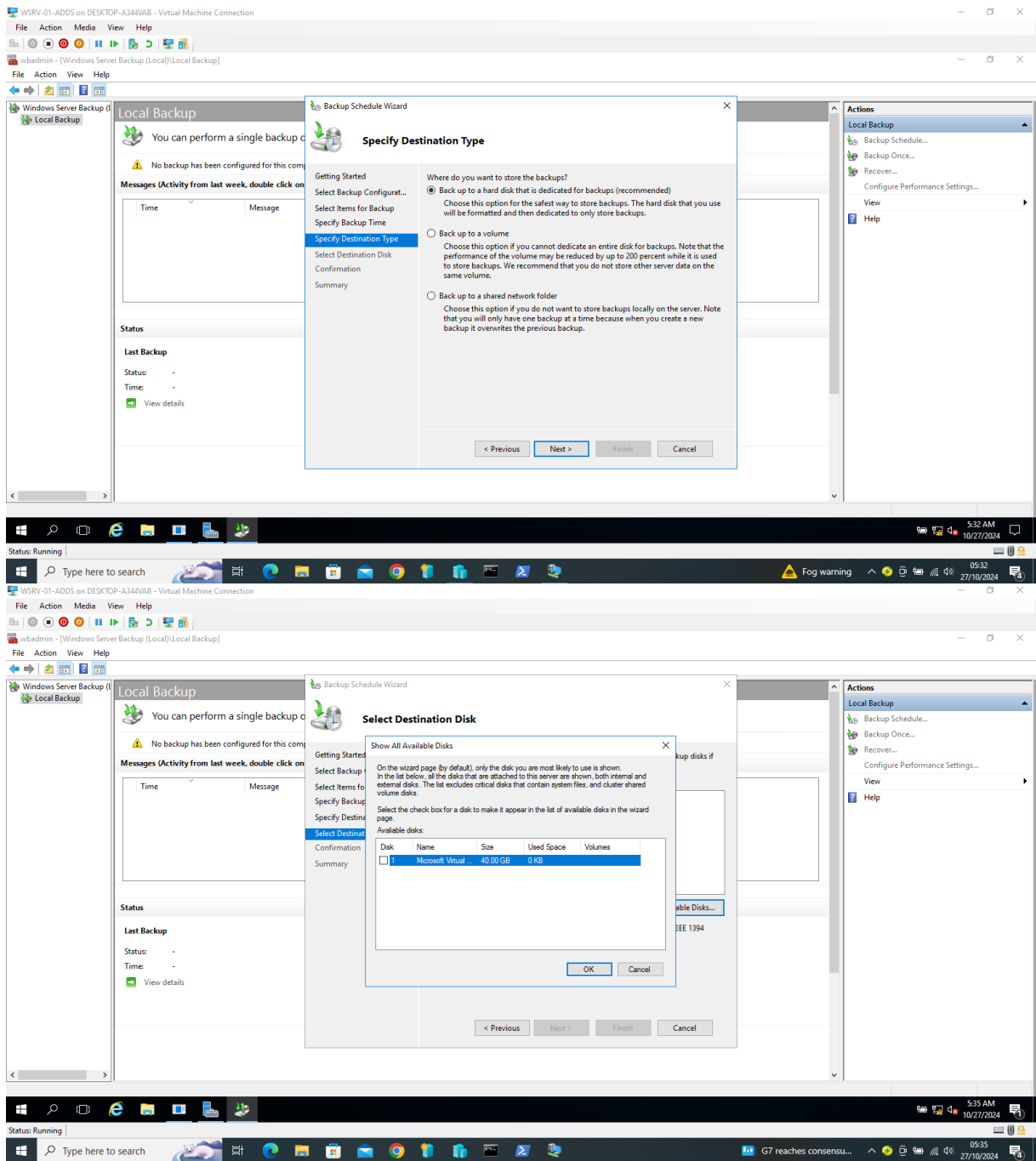
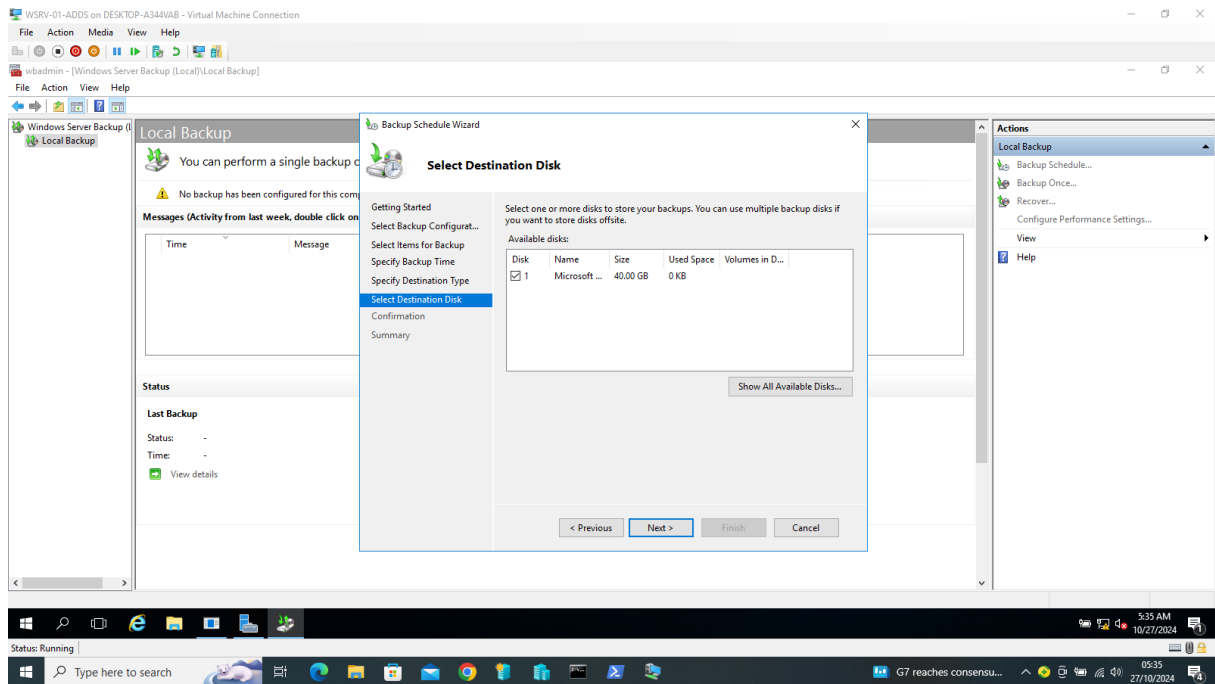2. Click Next.

Setting the start time of the backup

1. In the time selection window, selecting **the Once a day** option.

2. Set the backup start time to **03:00** every day.

3. Click Next.

Choosing a backup location (dedicated disk)

1. In the section to select a backup destination, select the option **Backup to a hard disk that is dedicated for backups (recommended).**

2. Click Next, and then select the disk to be used as the backup destination. Make sure the disk is empty, as it will be formatted.
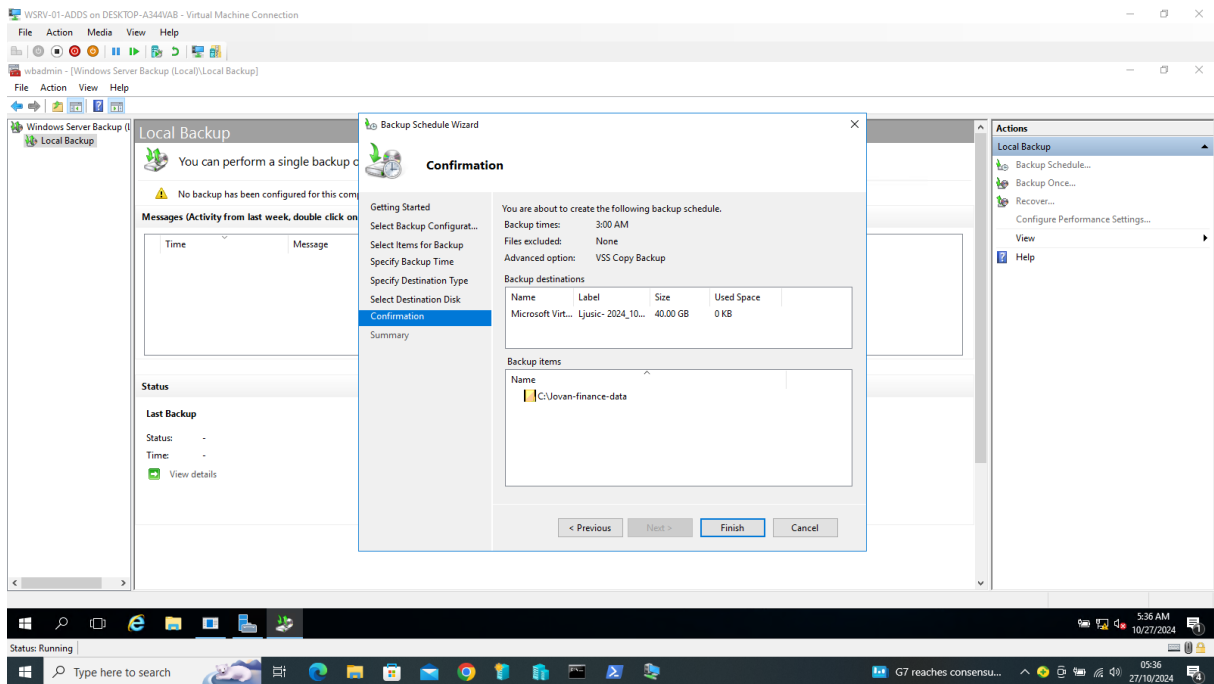
3. Click on **Next** and finish the process.

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Review and complete backup configuration

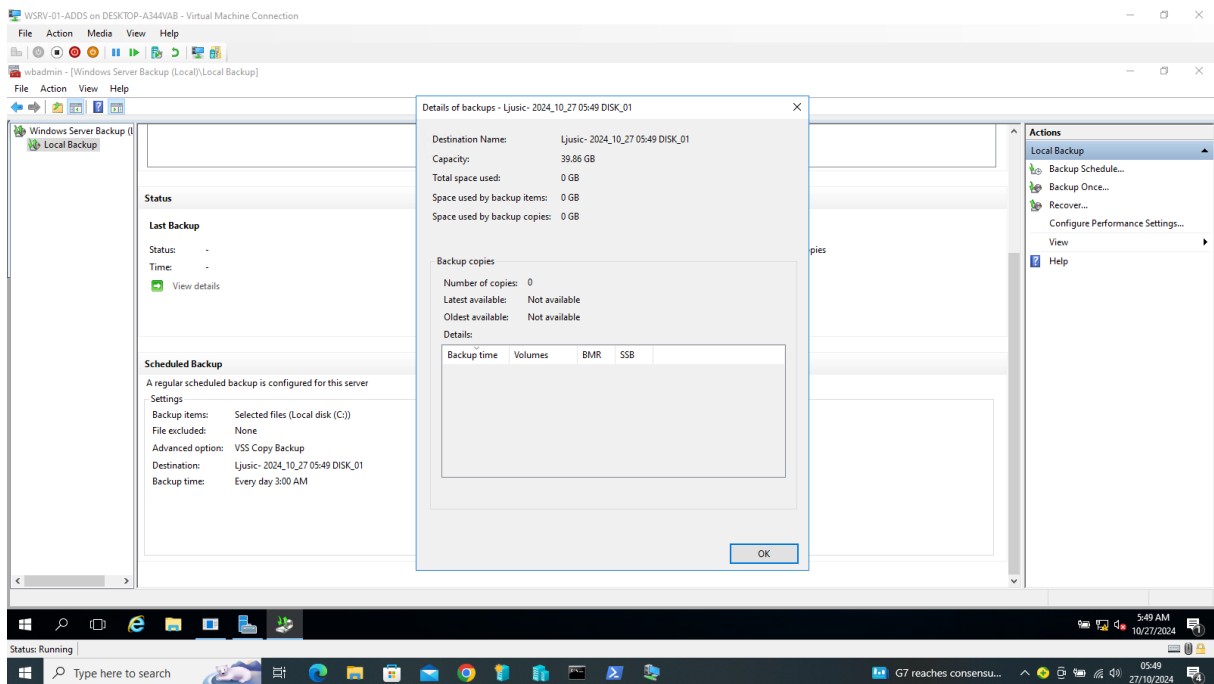1. Review the settings you have configured:

- **Backup type: Custom**
- **Schedule: Once a day at 03:00**
- **Destination: Dedicated backup disk.**

2. Click Finish to finish creating the task.

Testing and verification of backups

1. After you have created a backup task, you can manually run the first backup by clicking Backup **Once** in **the Windows Server Backup Console** .

2. Check if the backup is running successfully and if the folder is saved to disk.

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According to the instructions of the task, all the steps for Backup have been presented and successfully implemented.