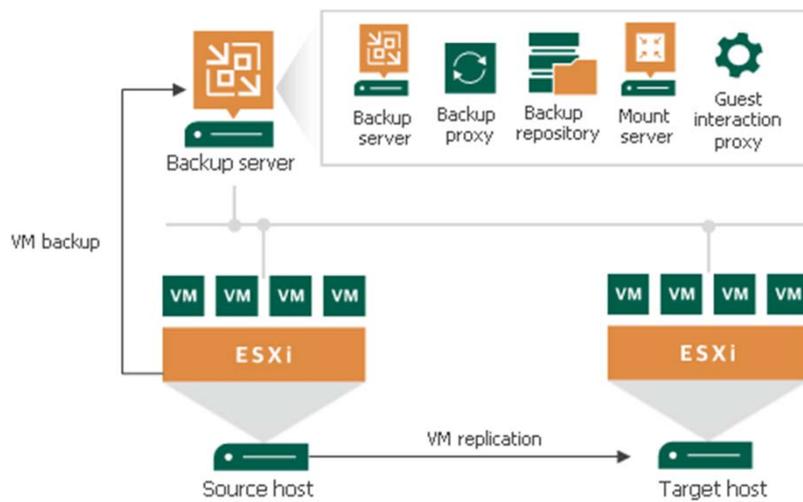


## การติดตั้งและใช้งาน Veeam Backup & Replication

### AGENDA

- 1 • VEEAM OVERVIEW
- 2 • การติดตั้ง Veeam Backup and Replication
- 3 • การสร้าง Storage เข้ามาใน Veeam
- 4 • การเชื่อมต่อ vCenter, ESX and Physical Server เข้ามาใน Veeam
- 5 • การสร้าง Backup job เพื่อ Backup เครื่อง VM
- 6 • การสร้าง Backup job เพื่อ Backup เครื่อง Physical
- 7 • การ Restore VM
- 8 • การ Monitor

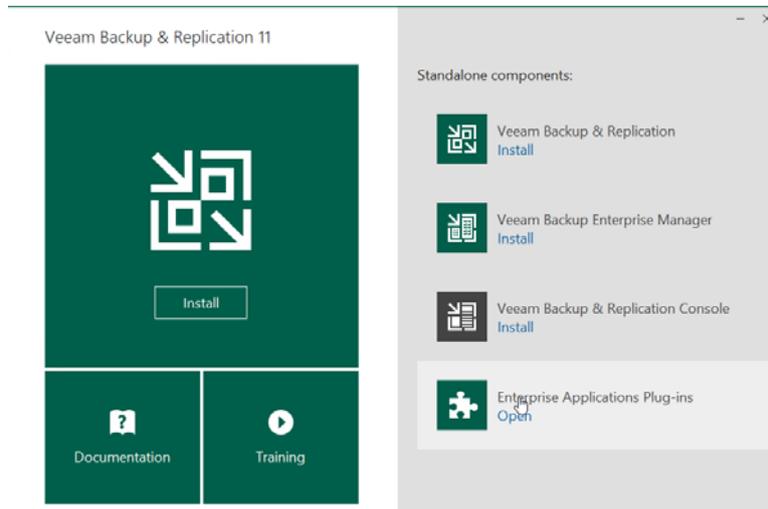
## VEEAM OVERVIEW



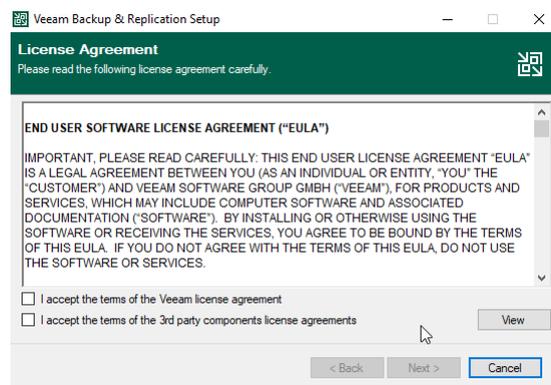
2

การติดตั้ง Veeam Backup and Replication

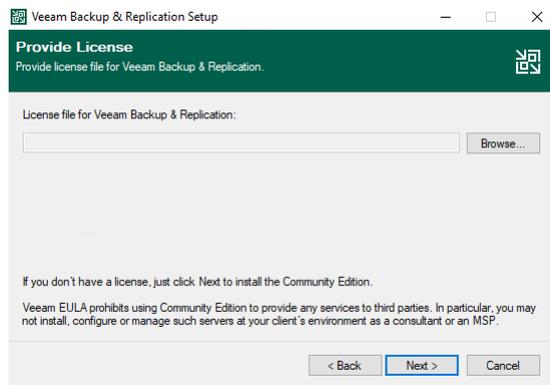
1. ดับเบิลคลิกไฟล์ติดตั้ง (Setup.exe) จะปรากฏหน้าต่างสำหรับการติดตั้งโปรแกรมขึ้นมา ให้คลิกคำสั่ง Install



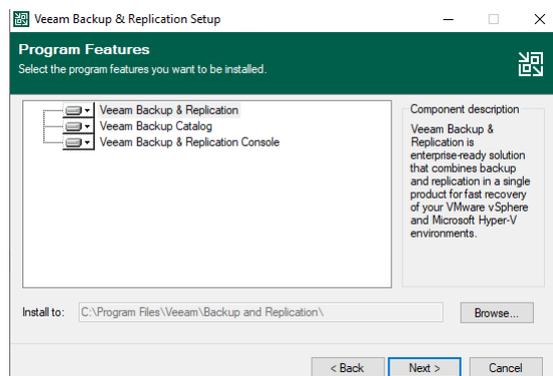
2. Accept License Agreement



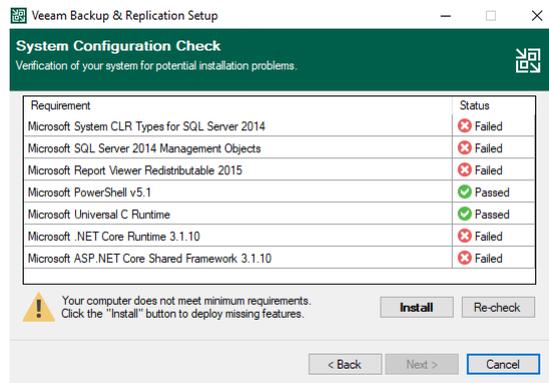
3. ขั้นตอน Provide License คลิกปุ่ม Browse เพื่อเลือกไฟล์ License (.lic) สำหรับสิทธิการใช้งานโปรแกรม จากนั้นคลิกปุ่ม Next



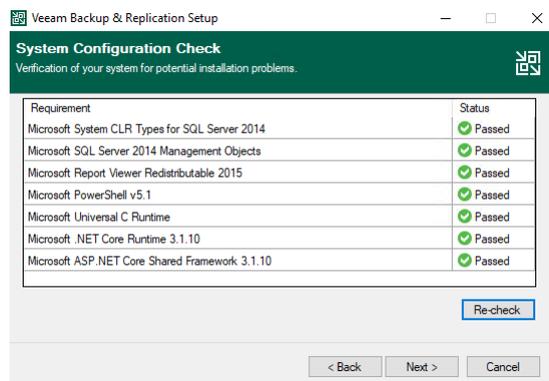
4. ขั้นตอน Program features ให้เลือกการติดตั้งทั้งหมด แล้วคลิกปุ่ม Next



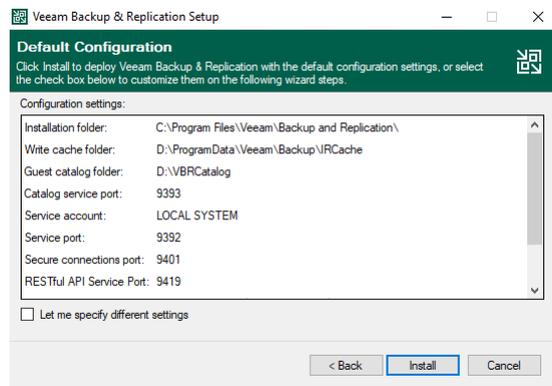
5. ขั้นตอนที่ System Configuration Check จะมีการเช็คโปรแกรมต่างๆ ที่จำเป็นต้องใช้งานร่วมกันกับ Veeam เช่น Microsoft SQL Server หรือ Microsoft PowerShell หากขาดโปรแกรมไหนไปจะขึ้นสถานะว่า Failed ให้เราติดตั้งโปรแกรมเหล่านี้ให้เรียบร้อยก่อนโดยคลิกปุ่ม Install



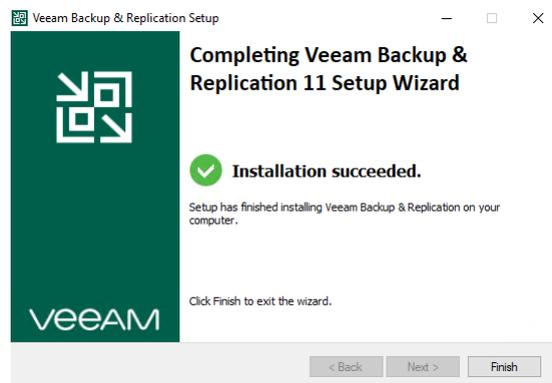
6. เมื่อโปรแกรมต่างๆ ถูกติดตั้งครบแล้ว (Status จะเป็น Passed ทั้งหมด) ให้คลิกปุ่ม Next



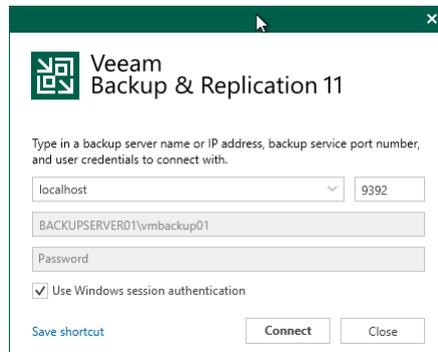
7. ขั้นตอนที่ Default Configuration คลิกปุ่ม Install โปรแกรมก็จะเริ่มติดตั้งลงในเครื่องของเรา  
ให้รอจนกว่าการติดตั้งจะเสร็จเรียบร้อย



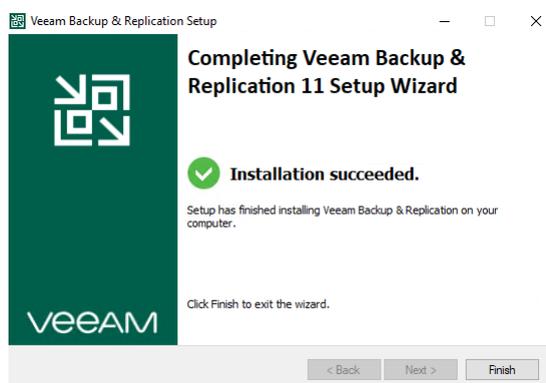
8. เมื่อการติดตั้งเสร็จสมบูรณ์ให้คลิกปุ่ม Finish



9. การเปิดโปรแกรมทำได้โดยดับเบิลคลิกไอคอน Veeam Backup & Replication แล้วคลิกปุ่ม Connect



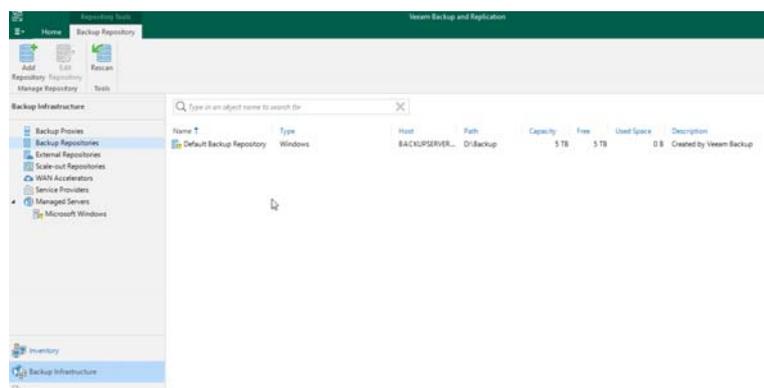
10. เมื่อการติดตั้งเสร็จสมบูรณ์ให้คลิกปุ่ม Finish



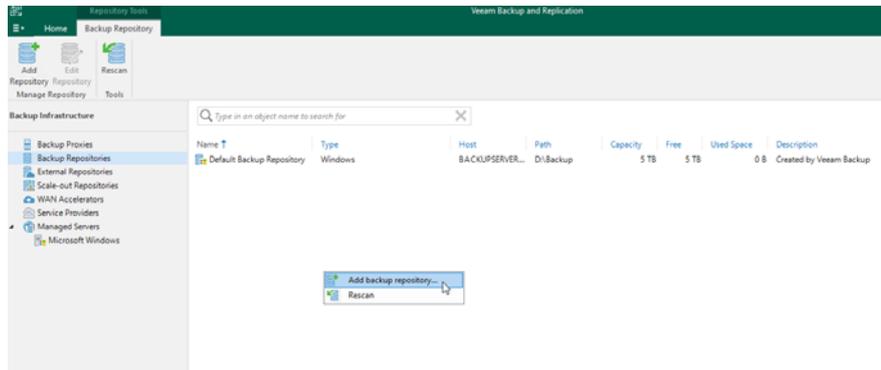
# 3

## การสร้าง Storage เข้ามาใน Veeam

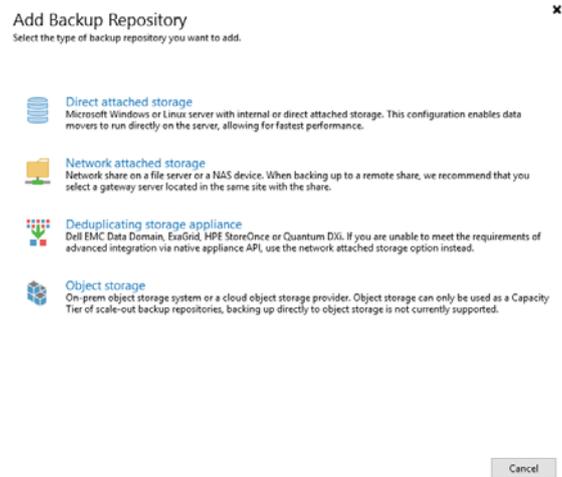
### 1. เลือกคำสั่ง Backup Infrastructure



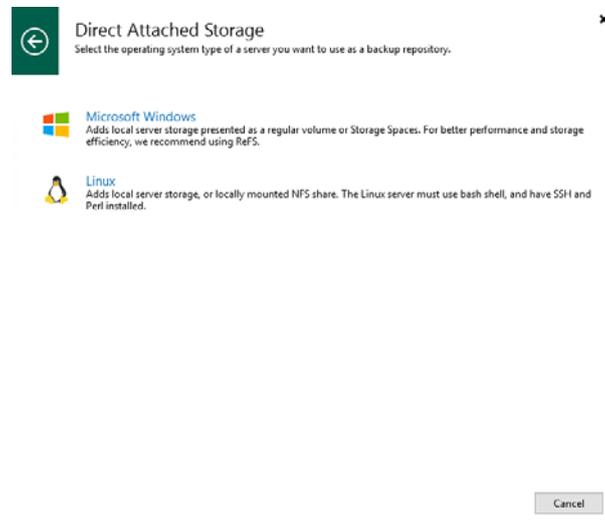
2. Click **ขวาเลือกคำสั่ง** Add backup repository



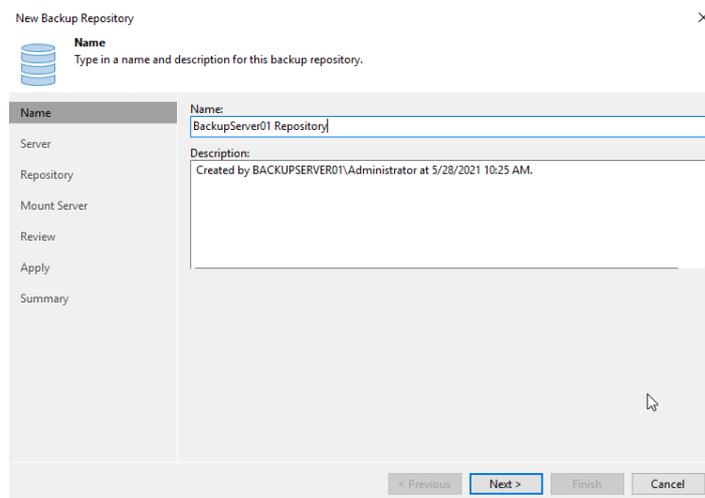
3. ในหน้าจอ Add Backup Repository เลือกชนิด Storage ในที่นี้เลือก Direct attached storage



#### 4. ในหน้าจอ Direct attached storage จะถาม OS ของ Storage ในที่นี้เลือก Windows



#### 5. ใส่ชื่อของ Repository



## 6. เลือก Drive

New Backup Repository

**Server**  
Choose repository server. You can select server from the list of managed servers added to the console.

Name: BACKUPSERVER01 (Backup server) Add New...

Path	Capacity	Free
C:\	199.4 GB	173.8 GB
D:\	5 TB	5 TB

Populate

< Previous **Next >** Finish Cancel

## 7. ใส่ Path และ ชื่อ Folder

New Backup Repository

**Repository**  
Type in path to the folder where backup files should be stored, and set repository load control options.

Name: **Repository**

Server

Repository

Mount Server

Review

Apply

Summary

Location

Path to folder: D:\Backupserver01 Repositories Browse...

Capacity: <Unknown> Populate

Free space: <Unknown>

Load control

Running too many concurrent tasks against the repository may reduce overall performance, and cause I/O timeouts. Control storage device saturation with the following settings:

Limit maximum concurrent tasks to: 4

Limit read and write data rate to: 1 MB/s

Click Advanced to customize repository settings. Advanced

< Previous **Next >** Finish Cancel

## 8. Click Next

New Backup Repository ×

**Mount Server**  
Specify a server to mount backups to when performing advanced restores (file, application item and instant VM recoveries). Instant recoveries require a write cache folder to store changed disk blocks in.

**Name** Mount server:  
BACKUPSERVER01 (Backup server) Add New...

**Server**

**Repository** Instant recovery write cache folder:  
D:\ProgramData\Veeam\Backup\IRCACHE\ Browse...

**Mount Server** Ensure that the selected volume has sufficient free disk space to store changed disk blocks of instantly recovered VMs. We recommend placing write cache on an SSD drive. Ports...

Enable vPower NFS service on the mount server (recommended)  
Unlocks instant recovery of any backup (physical, virtual or cloud) to a VMware vSphere VM.  
vPower NFS service is not used for instant recovery to a Microsoft Hyper-V VM.

**Review**

**Apply**

**Summary**

< Previous **Next >** Finish Cancel

## 9. Review แล้วเลือก Apply

New Backup Repository ×

**Review**  
Please review the settings, and click Apply to continue.

**Name** The following components will be processed on server BACKUPSERVER01:

Component name	Status
Transport	already exists
vPower NFS	already exists
Mount Server	already exists

**Server**

**Repository**

**Mount Server**

**Review**

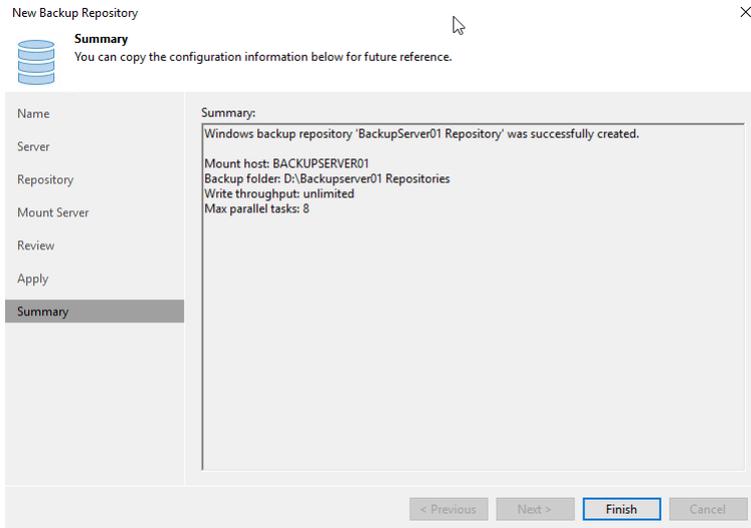
**Apply**

**Summary**

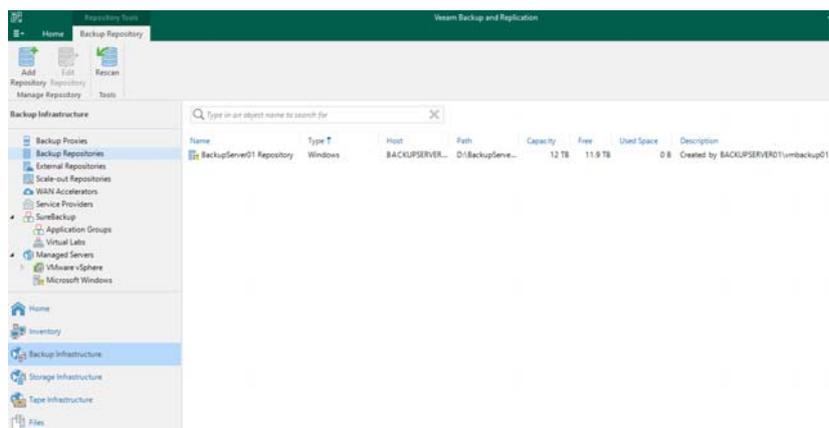
Search the repository for existing backups and import them automatically  
 Import guest file system index data to the catalog

< Previous **Apply** Finish Cancel

## 10. Review Summary แล้วเลือก Finish



## 11. Repository



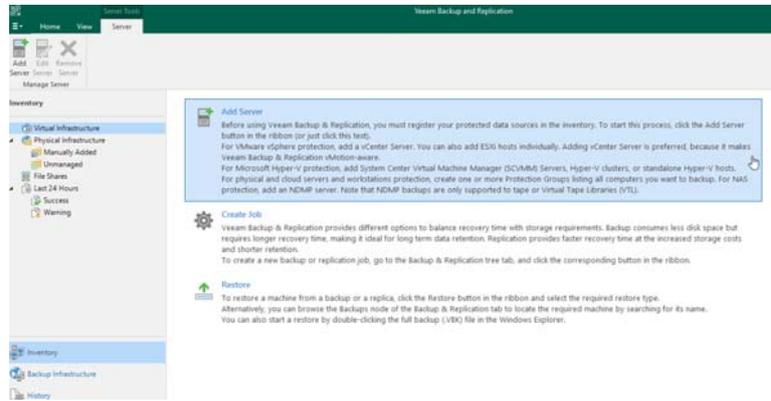
4

## การเชื่อมต่อ vCenter, ESX and Physical Server เข้ามาใน

- Veeam**
1. การเชื่อมต่อ vCenter & ESX เข้ามาใน Veeam
  2. การเชื่อมต่อ Physical Server เข้ามาใน Veeam

การเชื่อมต่อ vCenter & ESX เข้ามาใน Veeam มีขั้นตอนดังนี้

## 1. คลิกเลือกคำสั่ง Inventory แล้วเลือก Add Server



## 2. เลือกชนิดของ Server ที่จะเพิ่มเข้ามา Backup

**Add Server**  
Select the type of a server you want to add to your backup infrastructure. All already registered servers can be found under the Managed Servers node on the Backup Infrastructure tab.

 **VMware vSphere**  
Add VMware private cloud infrastructure servers to the inventory.

 **Microsoft Hyper-V**  
Add SCVMM server, Hyper-V cluster, or standalone host (2008 R2 or later) to the inventory.

Cancel

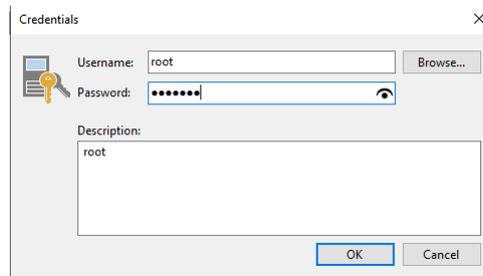
3. ขั้นตอน Name ช่อง DNS name or IP address กำหนดหมายเลข IP ของ ESX ลงไป แล้วคลิกปุ่ม Next

The screenshot shows the 'New VMware Server' wizard at the 'Name' step. The title bar reads 'New VMware Server'. Below the title bar, there is a VMware logo and the text 'Name Specify DNS name or IP address of VMware server.' The main area is divided into two panes. The left pane has a sidebar with 'Name' selected, and other options 'Credentials', 'Apply', and 'Summary'. The right pane contains a 'Name:' text box with 'BACKUPESX101' entered, and a 'Description:' text box with 'Created by BACKUPSERVER01\Administrator at 5/28/2021 10:53 AM.' At the bottom, there are four buttons: '< Previous', 'Next >', 'Finish', and 'Cancel'.

4. ขั้นตอน Credentials ที่ช่อง Credentials คลิกปุ่ม Add เพื่อยืนยันสิทธิ์ในการใช้งาน

The screenshot shows the 'New VMware Server' wizard at the 'Credentials' step. The title bar reads 'New VMware Server'. Below the title bar, there is a VMware logo and the text 'Credentials Select server administrator's credentials. If required, specify additional connection settings including web-service port number.' The main area is divided into two panes. The left pane has a sidebar with 'Name', 'Credentials' selected, 'Apply', and 'Summary'. The right pane contains a 'Name' section with instructions: 'Select an account with local administrator privileges on the server you are adding. Use DOMAIN\USER format for domain accounts, or HOST\USER for local accounts.' Below this is a 'Credentials:' section with a dropdown menu and an 'Add...' button. A link 'Manage accounts' is also visible. At the bottom, there is a 'Port:' label with a value of '443' and a spin button. At the very bottom, there are four buttons: '< Previous', 'Apply', 'Finish', and 'Cancel'.

- ที่หน้าต่าง Credentials กรอกชื่อผู้ใช้และรหัสผ่านของ vCenter หรือ ESX ลงไป (สิทธิ์ root) แล้วคลิกปุ่ม OK



Credentials

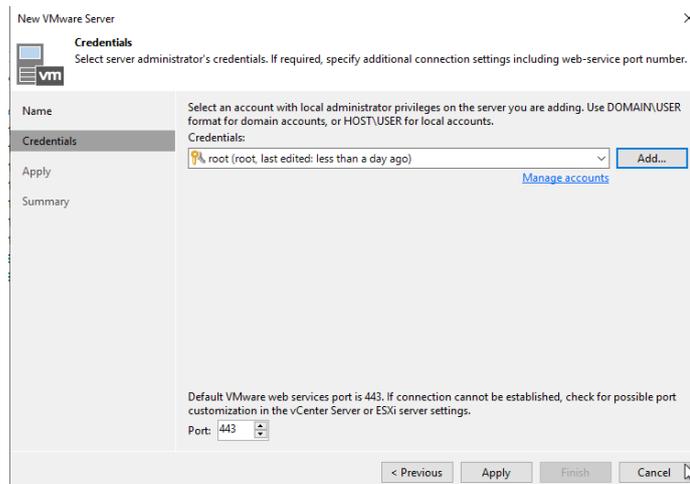
Username: root Browse...

Password: ..... [eye icon]

Description:  
root

OK Cancel

- กลับมาที่ขั้นตอน Credentials คลิกปุ่ม Next
- หน้าต่าง Security Warning คลิกปุ่ม Connect
- คลิก Apply



New VMware Server

**Credentials**  
Select server administrator's credentials. If required, specify additional connection settings including web-service port number.

Name Select an account with local administrator privileges on the server you are adding. Use DOMAIN\USER format for domain accounts, or HOST\USER for local accounts.

Credentials: root (root, last edited: less than a day ago) Add... Manage accounts

Apply

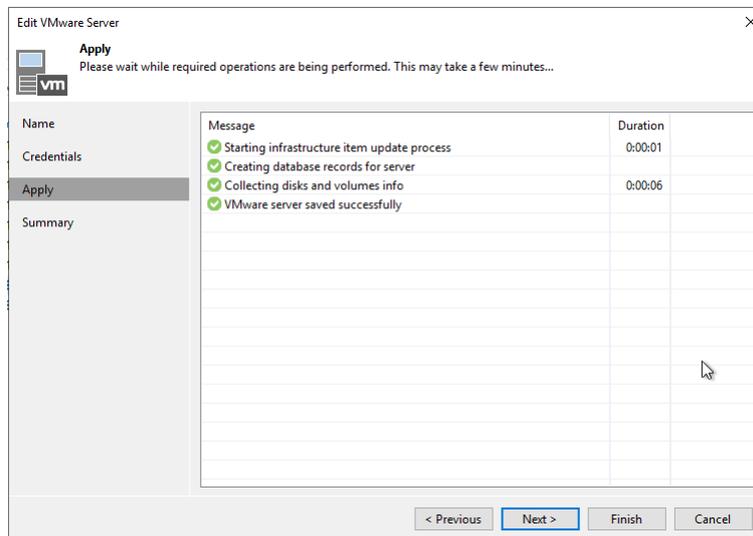
Summary

Default VMware web services port is 443. If connection cannot be established, check for possible port customization in the vCenter Server or ESXi server settings.

Port: 443

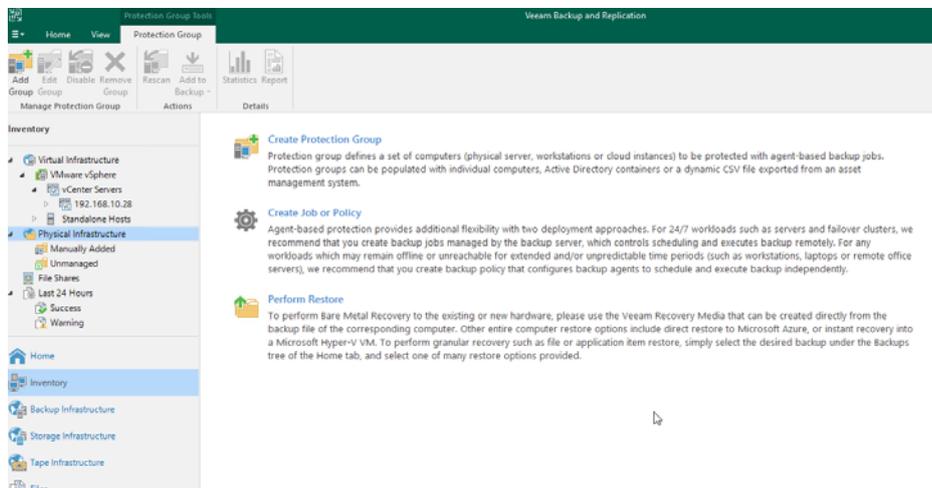
< Previous Apply Finish Cancel

### 9. ขั้นตอน Summary คลิกปุ่ม Finish

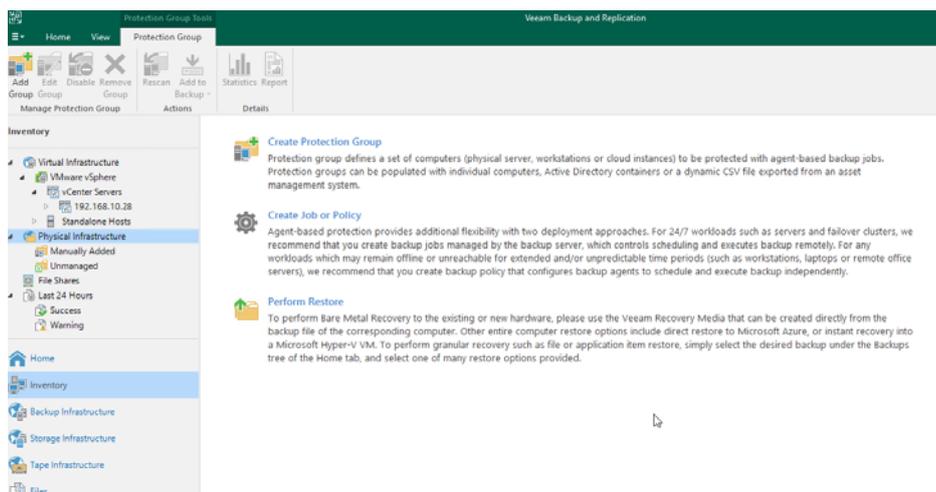


การเชื่อมต่อ Physical Server เข้ามาใน Veeam มีขั้นตอนดังนี้

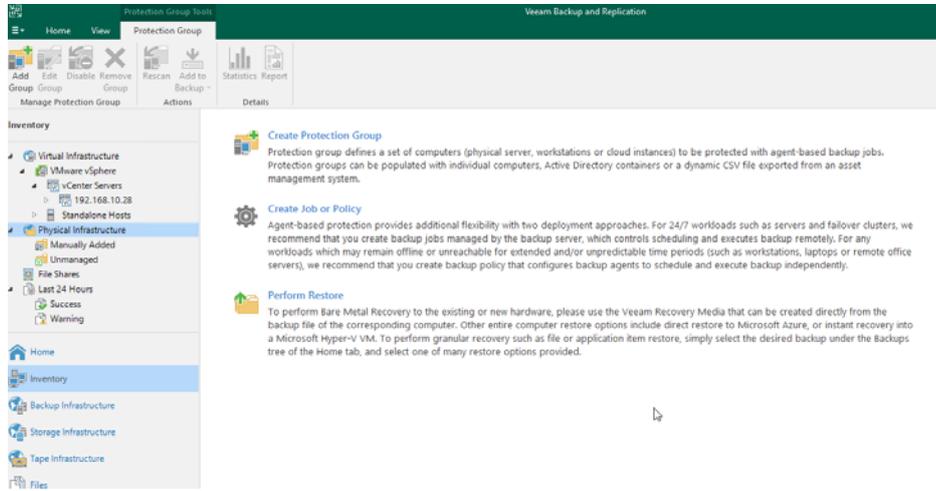
## 1. คลิกเลือกคำสั่ง Inventory แล้วเลือก Physical Infrastructure



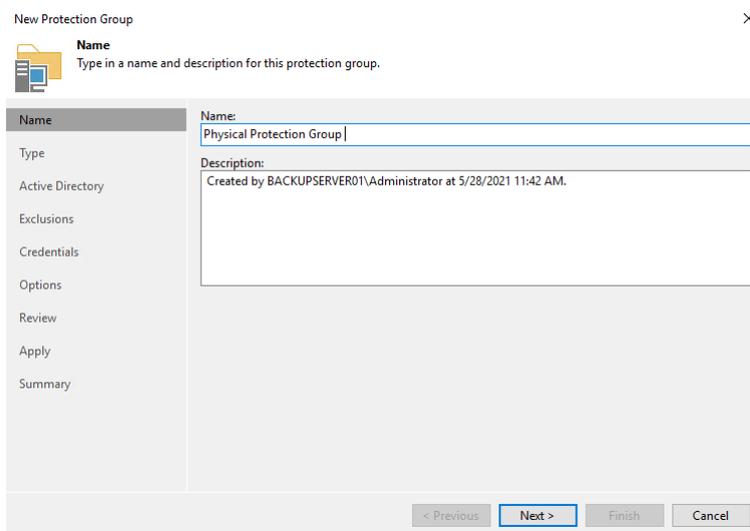
## 2. คลิกเลือกคำสั่ง Inventory แล้วเลือก Physical Infrastructure



### 3. คัดเลือก Create Protection Group



### 4. ใส่ชื่อ Protection Group



## 5. เลือกชนิดของเครื่องที่จะ Backup

New Protection Group ×

**Type**  
Choose how you want to populate this protection group with computers.

Name	This protection group will contain:
Type	<input checked="" type="radio"/> <b>Individual computers</b> Static protection scope with one or more individual computers via IP address or DNS name. Recommended for smaller environments without an Active Directory.
Computers	<input type="radio"/> <b>Microsoft Active Directory objects</b> Dynamic protection scope defined by Active Directory containers such as organizational units or security groups, and exclusion rules.
Options	<input type="radio"/> <b>Computers from CSV file</b> Dynamic protection scope defined by the content of a comma-separated values (.csv) file with computer names that is hosted on a file share. Recommended for larger environments without Active Directory, or for CMDB integration.
Review	<input type="radio"/> <b>Computers with pre-installed agents</b> This protection group will catch all computers with a backup agent deployed from a custom installation package specific to this group. Computers will appear in the protection group following their first connection to the backup server.
Apply	
Summary	

< Previous   **Next >**   Finish   Cancel

## 6. กด add เพื่อเพิ่มเครื่องที่จะเข้ามาอยู่ในกรุ๊ป

New Protection Group ×

**Computers**  
Specify computers to include in this protection group.

Name	Computers:
Type	
Computers	
Options	
Review	
Apply	
Summary	

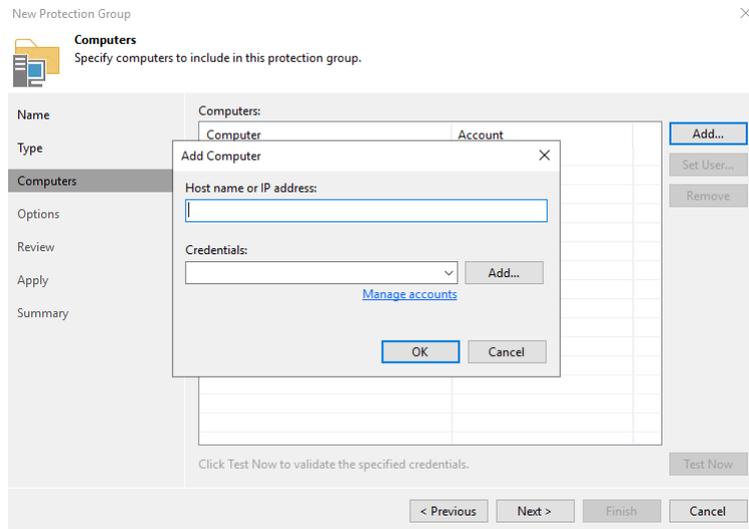
Computer	Account

Click Test Now to validate the specified credentials.   **Test Now**

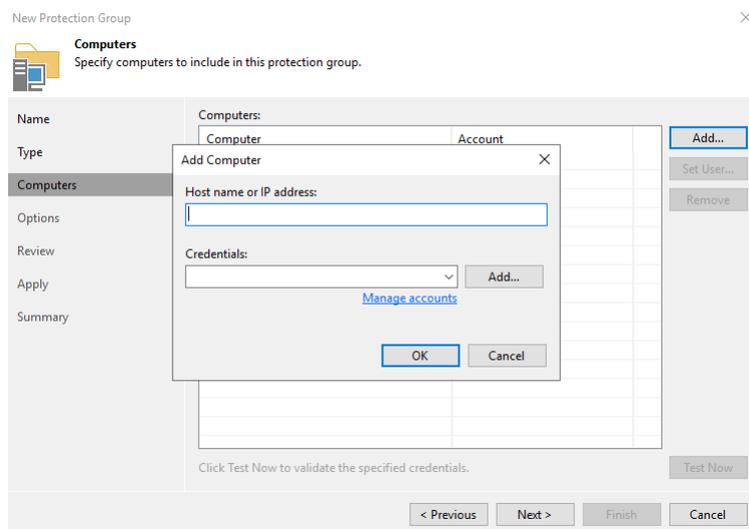
< Previous   **Next >**   Finish   Cancel

Buttons: Add..., Set User..., Remove

7. ใส่ Host name หรือ IP พร้อมทั้งกด Add เพื่อให้ Credential



8. ใส่ Host name หรือ IP พร้อมทั้งกด Add เพื่อให้ Credential



9. หลังจากใส่แล้วรายชื่อเครื่องจะแสดงออกมา

Computer	Account
192.168.10.37	vmbakup01
192.168.10.38	vmbakup01
192.168.10.39	vmbakup01

10. เลือกช่วงเวลาที่จะให้ Veeam ค้นหาจนทำการ backup

Discovery

Rescan protection group every:

Daily at this time: 1:00 PM Everyday Days...

Periodically every: 1 Hours Schedule...

Deployment

Distribution server: BACKUPSERVER01 (Backup server)

Protected computers will download backup agent redistributable from this server.

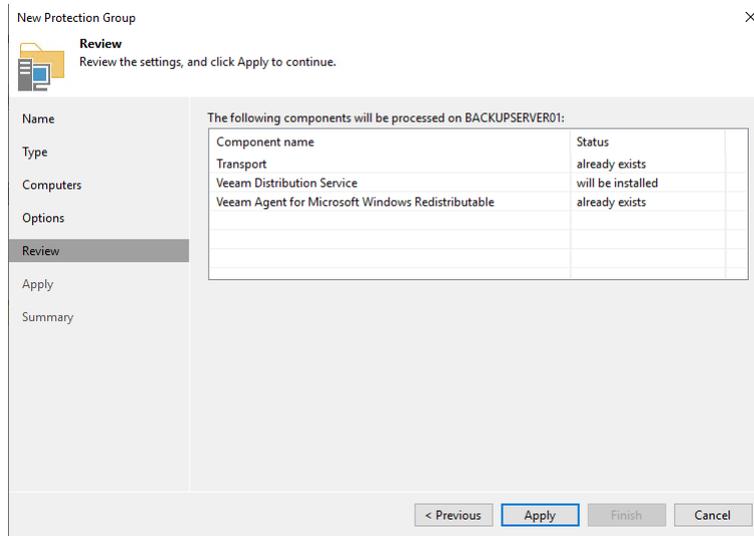
Install backup agent automatically (recommended)

Auto-update backup agent

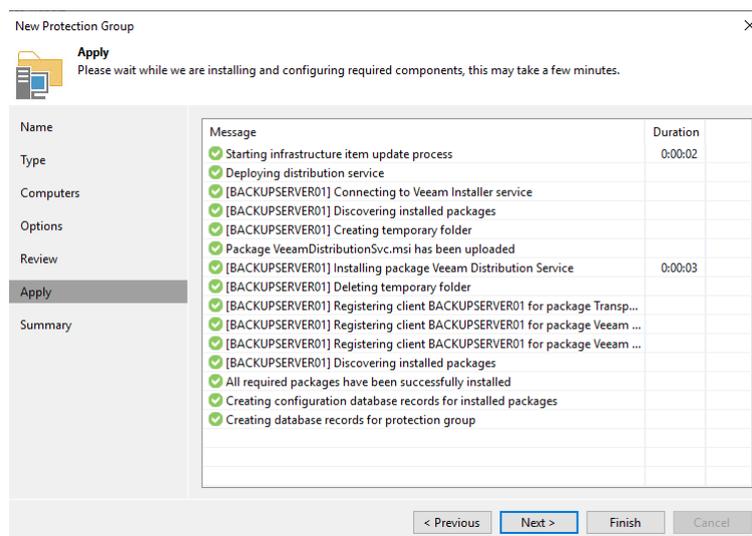
Install changed block tracking driver on Windows Server OS

Perform reboot automatically if required

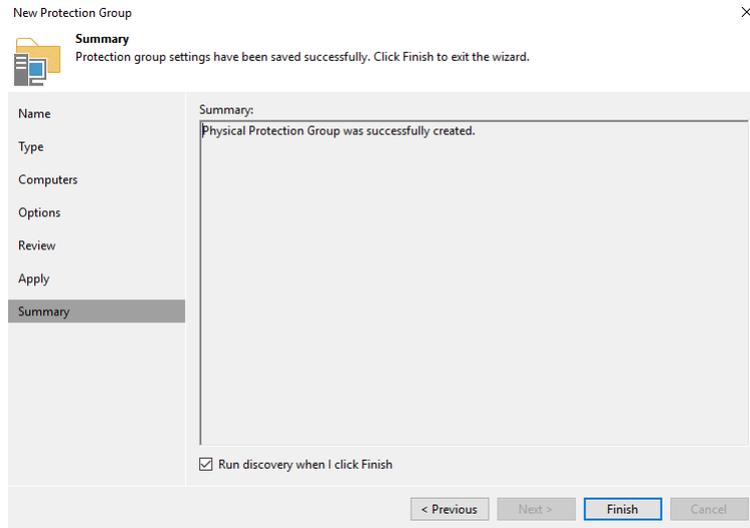
## 11. Review Setting แล้วกด Apply



## 12. หลังจากกด Apply จะทำการ Install package



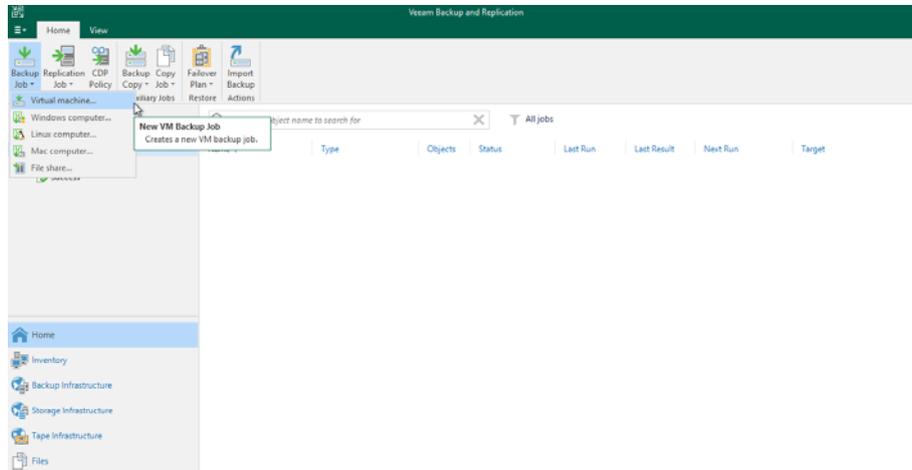
### 13. กด Finish



5

การสร้าง Backup job เพื่อ Backup เครื่อง VM

## 1. เลือก New VM Backup Job



## 2. ใส่ชื่อ Job Name

New Backup Job ×

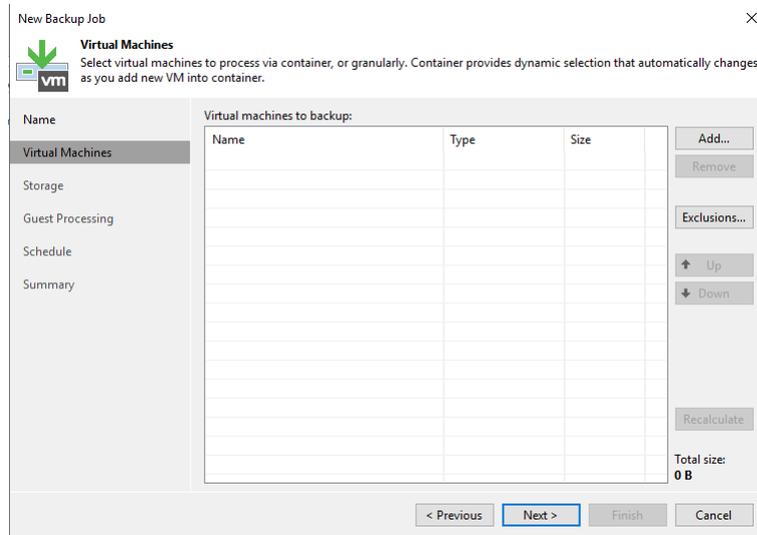
 **Name**  
Type in a name and description for this backup job.

<b>Name</b>	Name: <input type="text" value="Backup Job 1"/>
Virtual Machines	Description: <input type="text" value="Created by BACKUPSERVER01\vmbackup01 at 6/5/2021 10:20 AM."/>
Storage	
Guest Processing	
Schedule	
Summary	

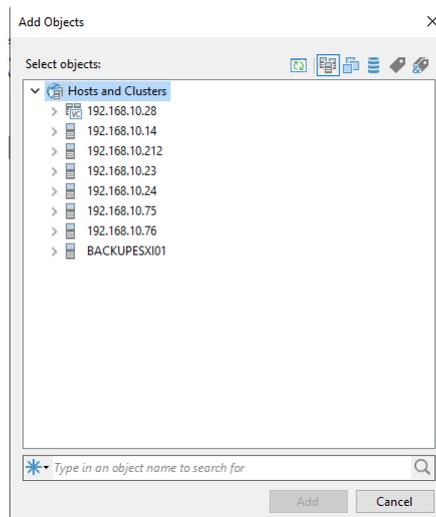
High priority  
Backup infrastructure resources are offered to high priority jobs first. Use this option for jobs sensitive to the start time, or jobs with strict RPO requirements.

< Previous Next > Finish Cancel

### 3. กด Add เพื่อเลือก Virtual Machine ที่จะ Backup



### 4 เลือก Virtual Machine ที่จะ Backup





## 7. กำหนด Option บน VM

New Backup Job ✕

 **Guest Processing**  
Choose guest OS processing options available for running VMs.

**Name**

**Virtual Machines**

**Storage**

**Guest Processing**

**Schedule**

**Summary**

**Enable application-aware processing**  
Detects and prepares applications for consistent backup, performs transaction logs processing, and configures the OS to perform required application restore steps upon first boot.  
Customize application handling options for individual machines and applications [Applications...](#)

**Enable guest file system indexing**  
Creates catalog of guest files to enable browsing, searching and 1-click restores of individual files. Indexing is optional, and is not required to perform instant file level recoveries.  
Customize advanced guest file system indexing options for individual machines [Indexing...](#)

Guest interaction proxy:  
Automatic selection [Choose...](#)

Guest OS credentials:  
 [Add...](#)

[Manage accounts](#)

Customize guest OS credentials for individual machines and operating systems [Credentials...](#)

Verify network connectivity and credentials for each machine included in the job [Test Now](#)

< Previous **Next >** Finish Cancel

## 8. กำหนดวันและเวลาในการ Backup

New Backup Job ✕

 **Schedule**  
Specify the job scheduling options. If you do not set the schedule, the job will need to be controlled manually.

**Name**

**Virtual Machines**

**Storage**

**Guest Processing**

**Schedule**

**Summary**

**Run the job automatically**

**Daily at this time:** 12:00 PM  Everyday [Days...](#)

**Monthly at this time:** 10:00 PM  Fourth  Saturday  [Months...](#)

**Periodically every:** 1  Hours  [Schedule...](#)

**After this job:**

**Automatic retry**

**Retry failed items processing:** 3  times

Wait before each retry attempt for: 10  minutes

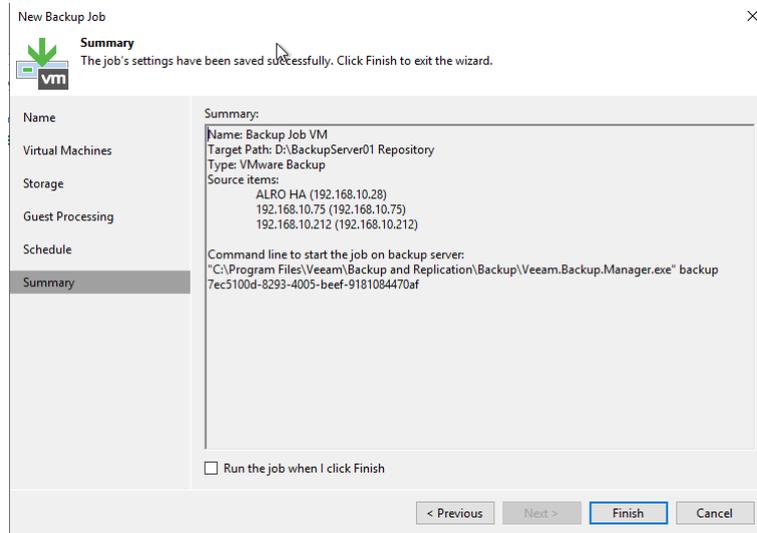
**Backup window**

**Terminate job if it exceeds allowed backup window** [Window...](#)

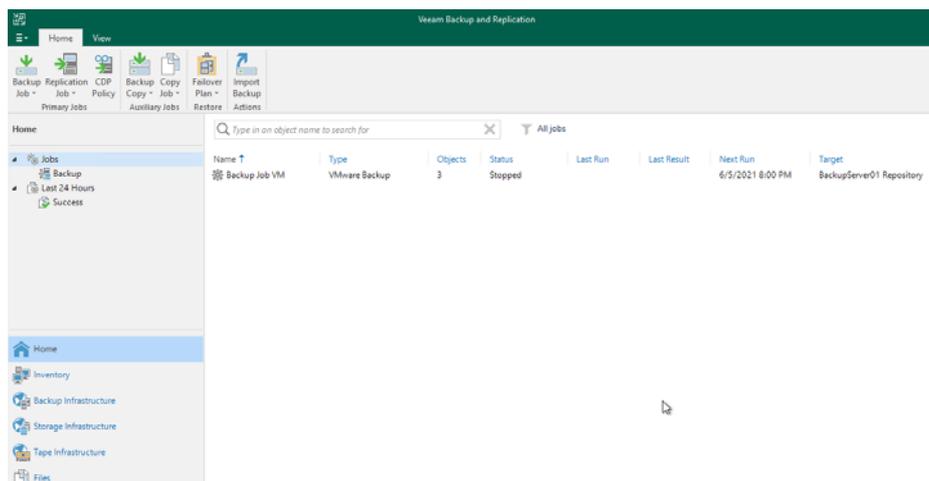
If the job does not complete within allocated backup window, it will be terminated to prevent snapshot commit during production hours.

< Previous **Apply** Finish Cancel

## 9. กด Finish



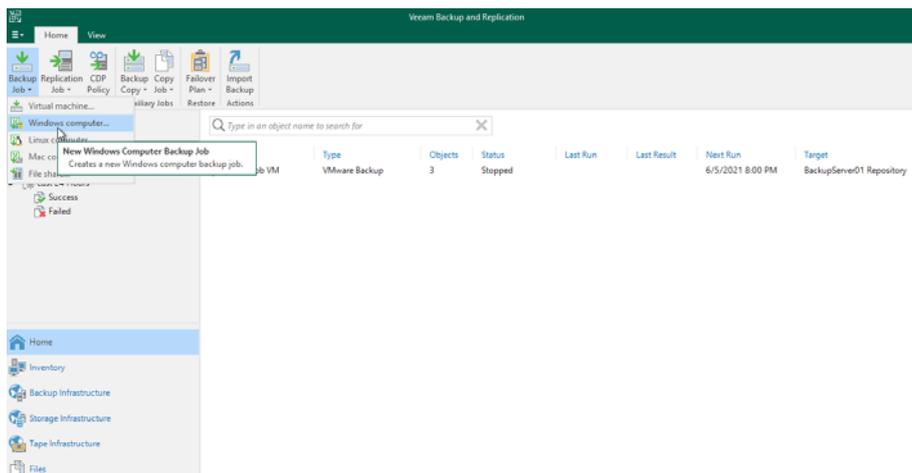
## 10. จะแสดงชื่อ Job ที่สร้างไว้



# 6

## การสร้าง Backup job เพื่อ Backup เครื่อง Physical

### 1. เลือก New Windows Computer Backup Job



## 2. ระบุชนิดของ Server ที่จะ Backup

New Agent Backup Job

**Job Mode**  
Specify protected computer type and backup agent management mode.

<b>Job Mode</b>	Type:
Name	<input type="radio"/> Workstation
Computers	<input checked="" type="radio"/> Server
Backup Mode	<input type="radio"/> Failover cluster
Storage	Mode:
Guest Processing	<input checked="" type="radio"/> <b>Managed by backup server</b>
Schedule	Veeam backup server schedules and executes backups on the protected computers. This mode is recommended for always-on workloads with a permanent connection to the backup server, such as servers or clusters located in the same data center.
Summary	<input type="radio"/> <b>Managed by agent</b>
	Veeam backup server deploys the protection policy to all agents, however the job is managed by the agent itself. This mode is recommended for workstations and servers located in remote sites with poor connectivity to the main data center.

< Previous   **Next >**   Finish   Cancel

## 3. ใส่ชื่อ Job Name

New Agent Backup Job

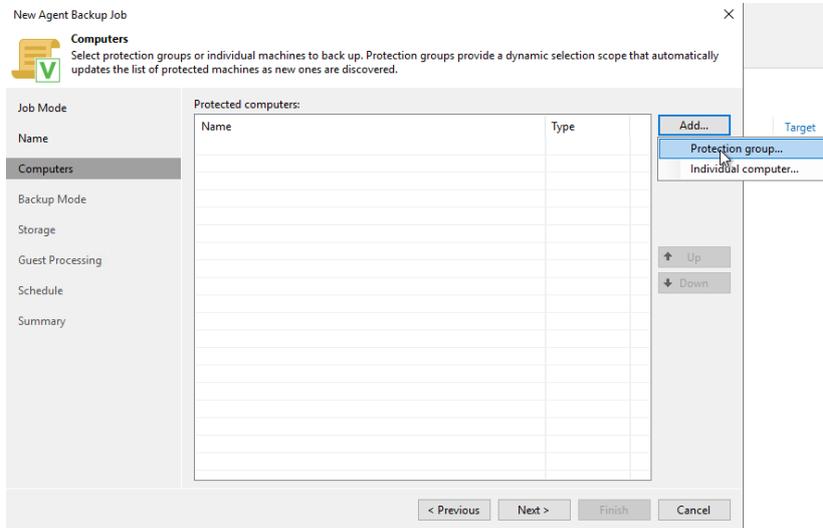
**Name**  
Type in a name and description for this agent backup job.

<b>Name</b>	Name:
Computers	Agent Backup Job 1
Backup Mode	Description:
Storage	Created by BACKUPSERVER01\vmbackup01 at 6/5/2021 6:15 PM.
Guest Processing	
Schedule	
Summary	

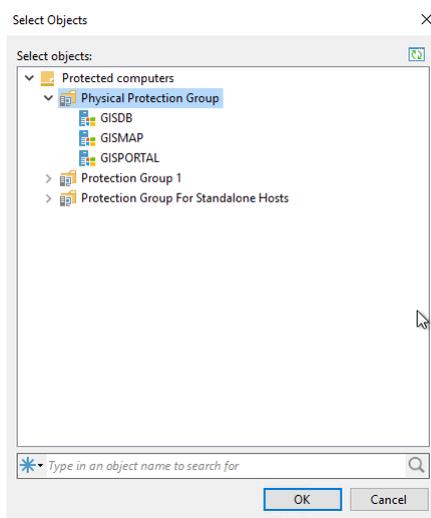
High priority  
Backup infrastructure resources are offered to high priority jobs first. Use this option for jobs sensitive to the start time, or jobs with strict RPO requirements.

< Previous   **Next >**   Finish   Cancel

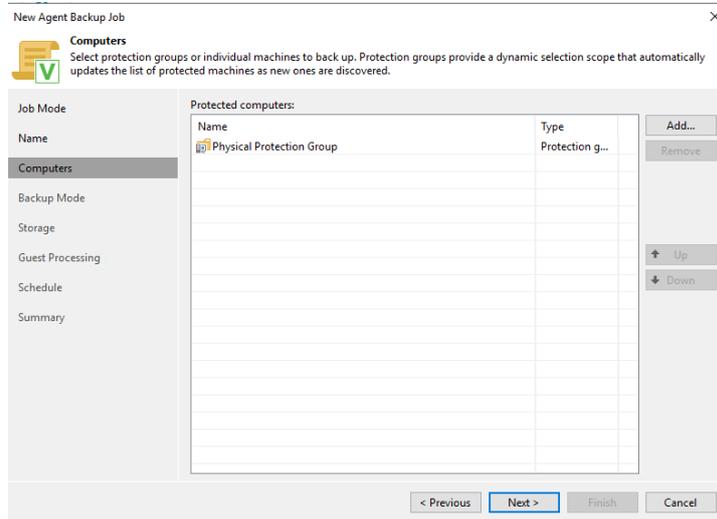
#### 4. กด Add และเลือก Protection Group เพื่อเลือกเครื่องที่จะ Backup



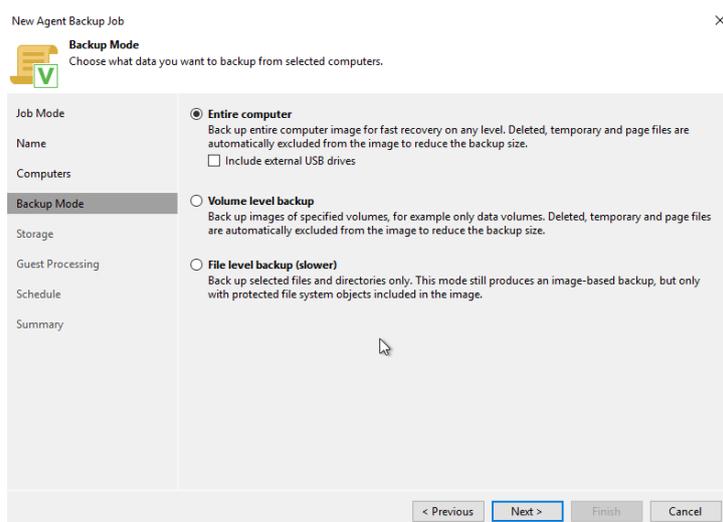
#### 5. เลือก Protection Group ที่เราจะทำการ Backup



## 6. กด Next



## 7. เลือกชนิดของ Data ที่จะทำการ Backup



## 8. เลือก Backup Repository และ Retention

New Agent Backup Job

**Storage**  
Specify backup repository to store the backup files produced by this job and customize advanced job settings if required.

Job Mode  
Name  
Computers  
Backup Mode  
**Storage**  
Guest Processing  
Schedule  
Summary

Backup repository:  
BackupServer01 Repository (Created by BACKUPSERVER01\vmbackup01 at 6/5/2021 10:12 AM.)  
11.9 TB free of 11.9 TB [Map backup](#)  
Retention policy: 7 days  
 Keep certain full backups longer for archival purposes  
GFS retention policy is not configured [Configure...](#)  
 Configure secondary destinations for this job  
Copy backups produced by this job to another backup repository, or tape. We recommend to make at least one copy of your backups to a different storage device that is located off-site.  
Advanced job settings include backup mode, compression and deduplication, block size, notification settings, automated post-job activity and other settings. [Advanced](#)

< Previous **Next >** Finish Cancel

## 9. เลือก Application Option

New Agent Backup Job

**Guest Processing**  
Choose application processing options.

Job Mode  
Name  
Computers  
Backup Mode  
Storage  
**Guest Processing**  
Schedule  
Summary

**Enable application-aware processing**  
Detects and prepares applications for consistent backup, performs transaction logs processing, and configures the OS to perform required application restore steps upon first boot.  
Customize application handling options for individual machines and applications [Applications...](#)

**Enable guest file system indexing**  
Creates catalog of guest files to enable browsing, searching and 1-click restores of individual files. Indexing is optional, and is not required to perform instant file level recoveries.  
Customize advanced guest file system indexing options for individual machines [Indexing...](#)

< Previous **Next >** Finish Cancel

## 10. กำหนด วัน และ เวลาที่จะ Backup

New Agent Backup Job

**Schedule**  
Specify the scheduling options. If you do not set the schedule, the job will need to be controlled manually.

**Job Mode**

Run the job automatically

Daily at this time: 7:00 PM Everyday Days...

Monthly at this time: 10:00 PM Fourth Saturday Months...

Periodically every: 1 Hours Schedule...

After this job: Backup Job VM (Created by BACKUPSERVER01\vmbackup01 at 6/5/2021 10)

**Automatic retry**

Retry failed items processing: 3 times

Wait before each retry attempt for: 10 minutes

**Backup window**

Terminate job if it exceeds allowed backup window  
If the job does not complete within allocated backup window, it will be terminated to prevent snapshot commit during production hours. Window...

< Previous Apply Finish Cancel

## 11 กด Finish

New Agent Backup Job

**Summary**  
The job's settings have been saved successfully. Click Finish to exit the wizard.

**Job Mode**

**Name**

**Computers**

**Backup Mode**

**Storage**

**Guest Processing**

**Schedule**

**Summary**

Summary:  
Name: Agent Backup Job 1  
Description: Created by BACKUPSERVER01\vmbackup01 at 6/5/2021 6:15 PM.  
Type: server  
Mode: managed by backup server  
Protected computers:  
Physical Protection Group  
Backup mode: entire computer  
Destination: Veeam backup repository  
Target storage: BackupServer01 Repository  
Retention policy: 7 days  
Backup is scheduled to run automatically  
GFS retention policy: not set

Run the job when I click Finish

< Previous Next > Finish Cancel

### 11. จะแสดงชื่อ Job ที่สร้างไว้

The screenshot shows the Veeam Backup and Replication Job console. The interface includes a top navigation bar with 'Home' and 'View' tabs, and a 'Job' sub-tab. Below the navigation bar are icons for 'Start', 'Stop', 'Retry', 'Active', 'Full', 'Statistics', 'Report', 'Edit', 'Clone', 'Disable', and 'Delete'. The main area displays a table of jobs with the following data:

Name	Type	Objects	Status	Last Run	Last Result	Next Run	Target
Backup Job VM	VMware Backup	3	Stopped			6/5/2021 8:00 PM	BackupServer01 Repository
Agent Backup Job	Windows Agent Backup	1	Stopped			6/5/2021 7:00 PM	BackupServer01 Repository

### 12. จะแสดงชื่อ Job ที่สร้างไว้

This screenshot is identical to the one above, showing the Veeam Backup and Replication Job console with the same job list table.

Name	Type	Objects	Status	Last Run	Last Result	Next Run	Target
Backup Job VM	VMware Backup	3	Stopped			6/5/2021 8:00 PM	BackupServer01 Repository
Agent Backup Job	Windows Agent Backup	1	Stopped			6/5/2021 7:00 PM	BackupServer01 Repository

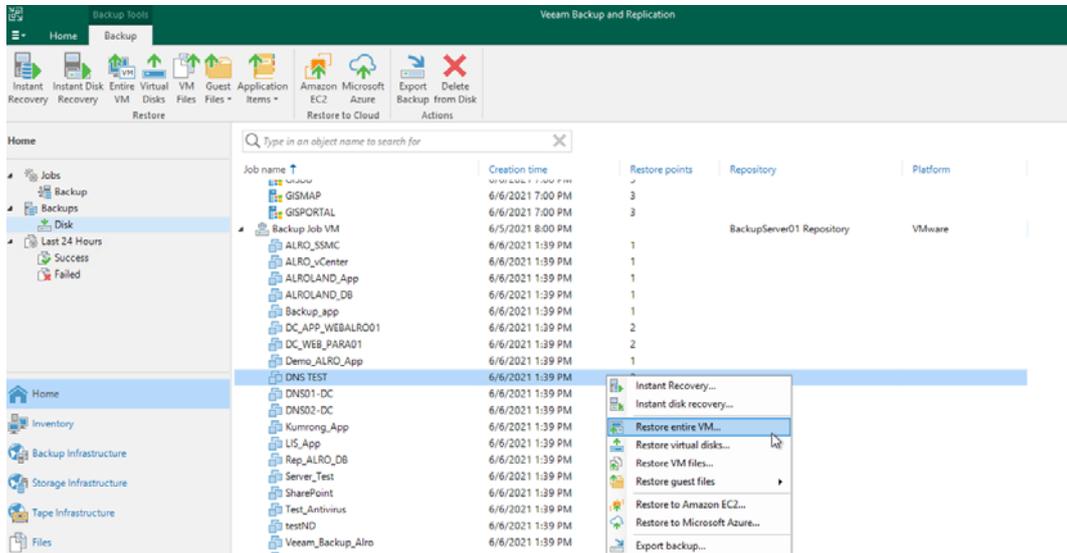
7

การ Restore VM  
- Overwrite Original

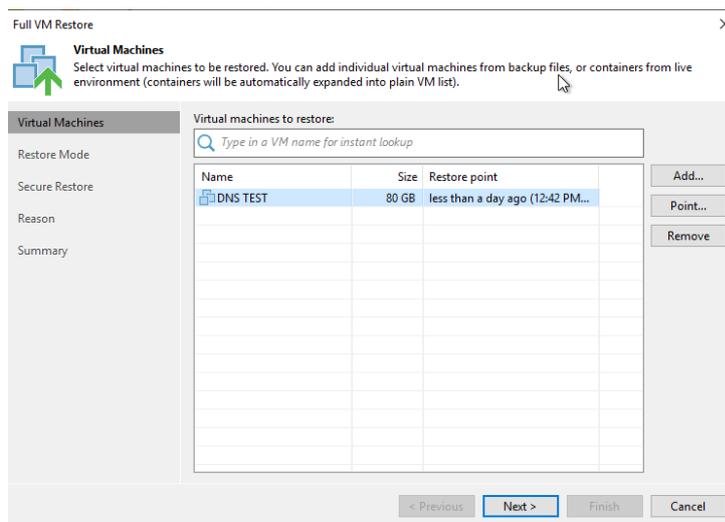
1. ไปที่ Disk แล้วเลือก Guest ที่จะ Restore

Job name	Creation time	Restore points	Repository	Platform
Agent Backup Job	6/5/2021 7:00 PM		BackupServer01 Repository	Windows
GISDB	6/6/2021 7:00 PM	3		
GISMAP	6/6/2021 7:00 PM	3		
GISPORTAL	6/6/2021 7:00 PM	3		
Backup Job VM	6/5/2021 8:00 PM		BackupServer01 Repository	VMware
ALRO_SSMC	6/6/2021 1:39 PM	1		
ALRO_yCenter	6/6/2021 1:39 PM	1		
ALROLAND_App	6/6/2021 1:39 PM	1		
ALROLAND_DB	6/6/2021 1:39 PM	1		
Backup_app	6/6/2021 1:39 PM	1		
DC_APP_WEBALRO01	6/6/2021 1:39 PM	2		
DC_WEB_PARA01	6/6/2021 1:39 PM	2		
Demo_ALRO_App	6/6/2021 1:39 PM	1		
DNS TEST	6/6/2021 1:39 PM	2		
DNS01-DC	6/6/2021 1:39 PM	2		
DNS02-DC	6/6/2021 1:39 PM	2		
Kumrong_App	6/6/2021 1:39 PM	1		
LIS_App	6/6/2021 1:39 PM	1		
Rep_ALRO_DB	6/6/2021 1:39 PM	1		
Server_Test	6/6/2021 1:39 PM	1		
SharePoint	6/6/2021 1:39 PM	2		
Test_Antivirus	6/6/2021 1:39 PM	2		
testNIN	6/6/2021 1:39 PM	2		

2. Click ขวา Guest ที่จะ Restore เลือก Restore Entire VM



3. Click Next



#### 4. เลือก Restore Mode

Full VM Restore

**Restore Mode**  
Specify whether selected VMs should be restored back to the original location, or to a new location or with different settings.

Virtual Machines

**Restore Mode**

Secure Restore

Reason

Summary

**Restore to the original location**  
Quickly initiate the restore of selected VM to its original location, with the original name and settings. This option minimizes the chance of user input error.

**Restore to a new location, or with different settings**  
Customize the restored VM location, and change its settings. The wizard will automatically populate all controls with the original VM settings as the defaults.

**Staged restore**  
Run the selected VM directly from backup files in the isolated DataLab to make changes to the guest OS or applications prior to placing the VM into production environment.  
[Pick proxy to use](#)

**Quick rollback (restore changed blocks only)**  
Allows for quick VM recovery in case of guest OS software problem, or user error. Do not use this option when recovering from disaster caused by hardware or storage issue, or power loss.

< Previous   Next >   Finish   Cancel

#### 4. Click next

Full VM Restore

**Reason**  
Type in the reason for performing this restore operation. This information will be logged in the restore sessions history for later reference.

Virtual Machines

Restore Mode

Secure Restore

**Reason**

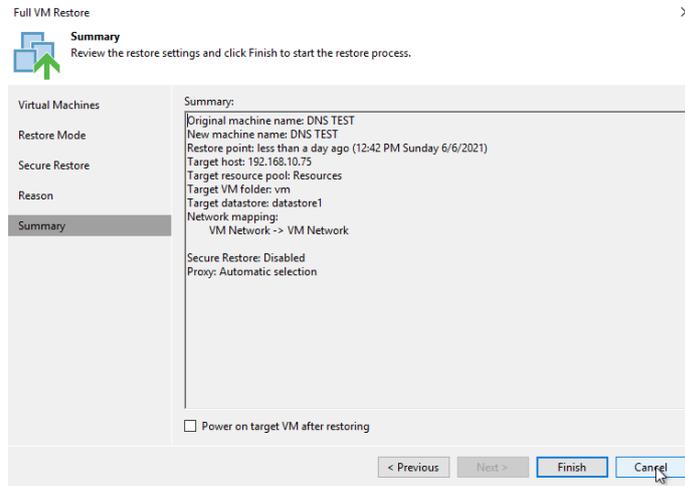
Summary

Restore reason:

Do not show me this page again

< Previous   Next >   Finish   Cancel

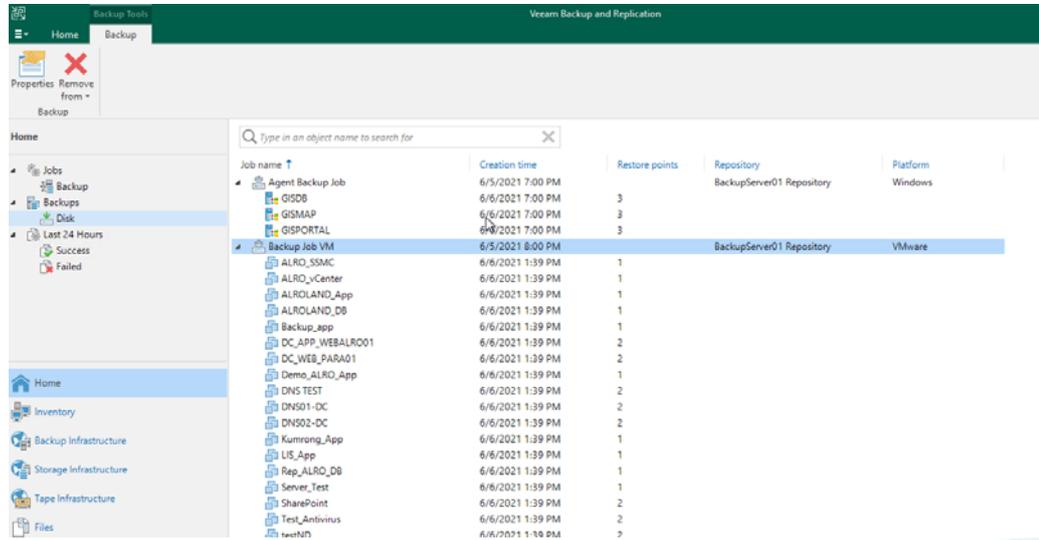
#### 4. Click Finish



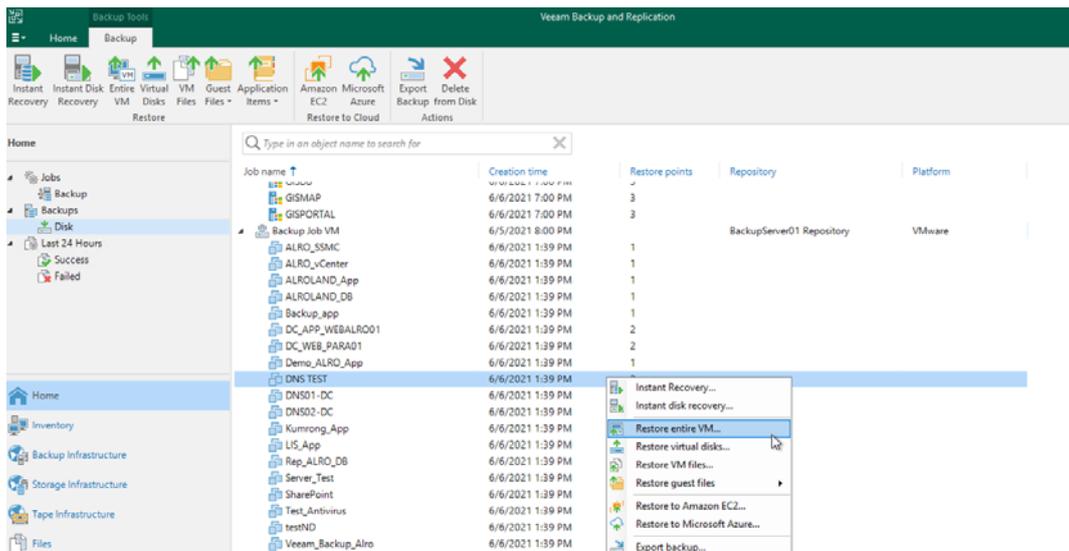
การ Restore VM

- Difference Location

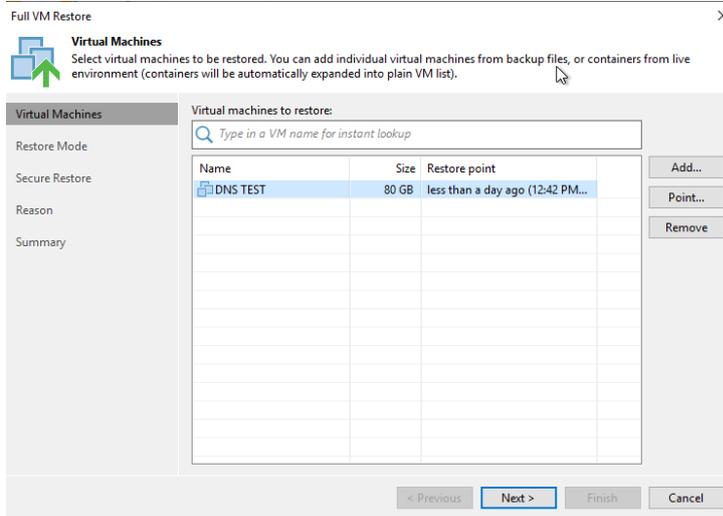
1. ไปที่ Disk แล้วเลือก Guest ที่จะ Restore



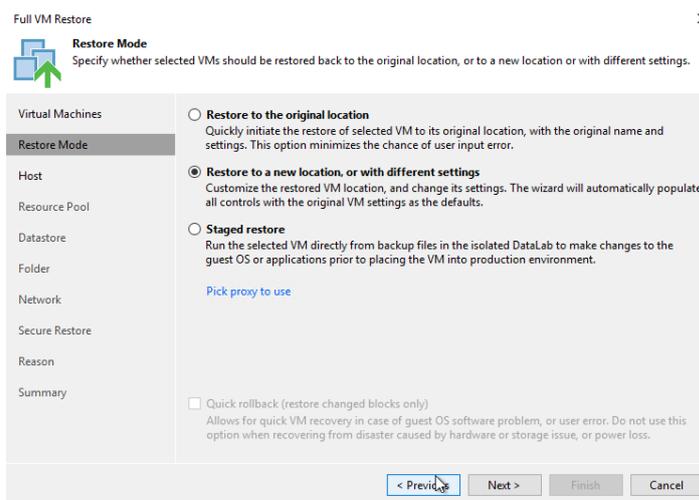
2. Click ขวา Guest ที่จะ Restore เลือก Restore Entire VM



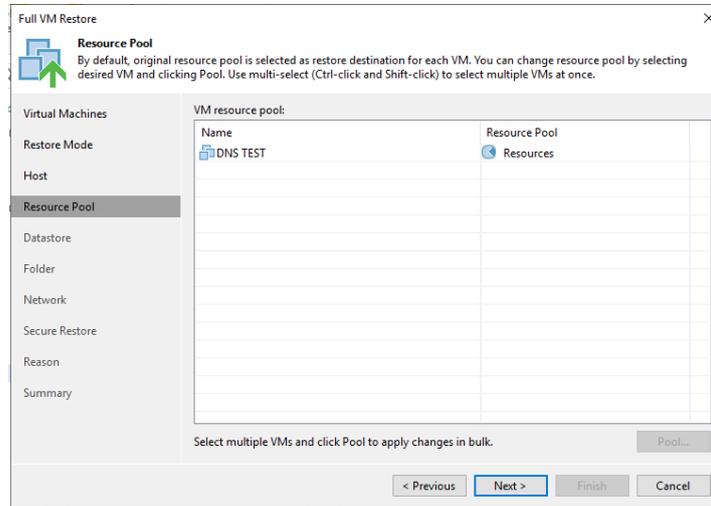
### 3. Click Next



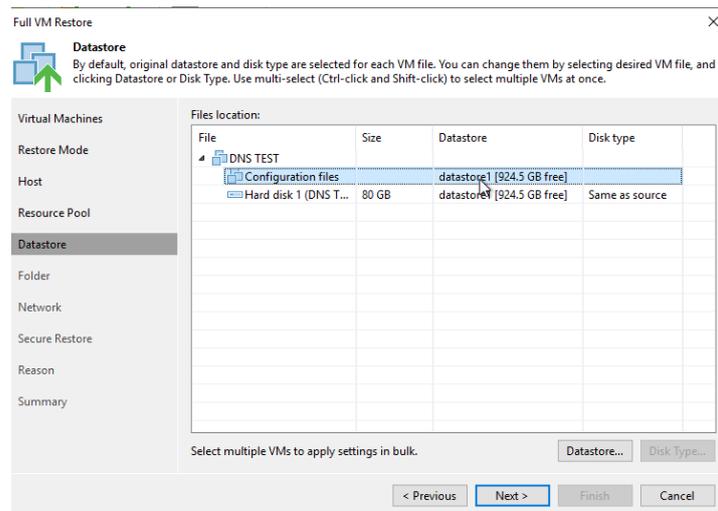
### 4. เลือก Restore Mode



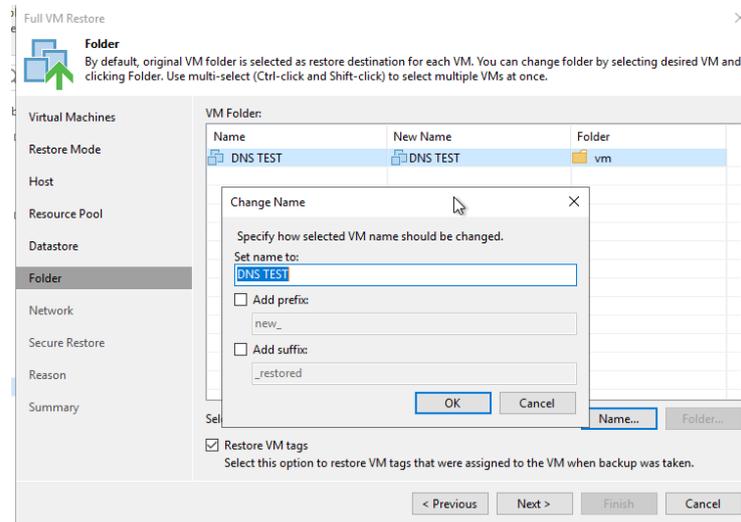
## 5. เลือก Resource Pool



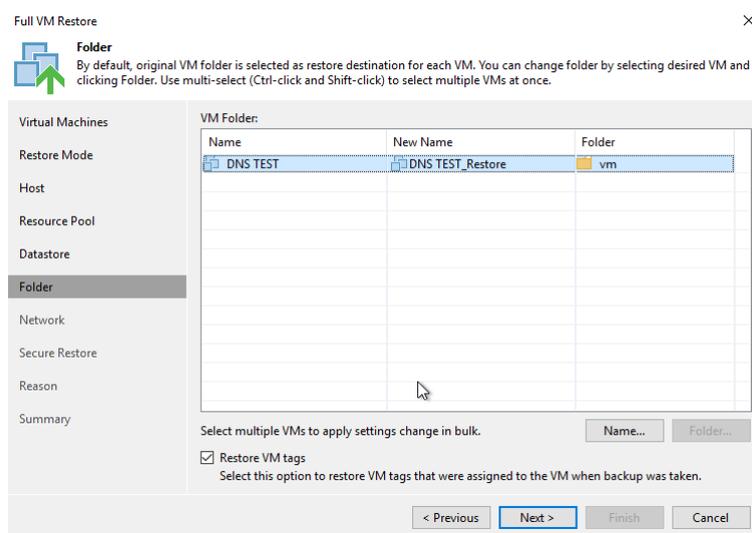
## 5. เลือก Datastore



## 6. ใส่ชื่อ Guest ที่ต้องการ



## 6. Click Next





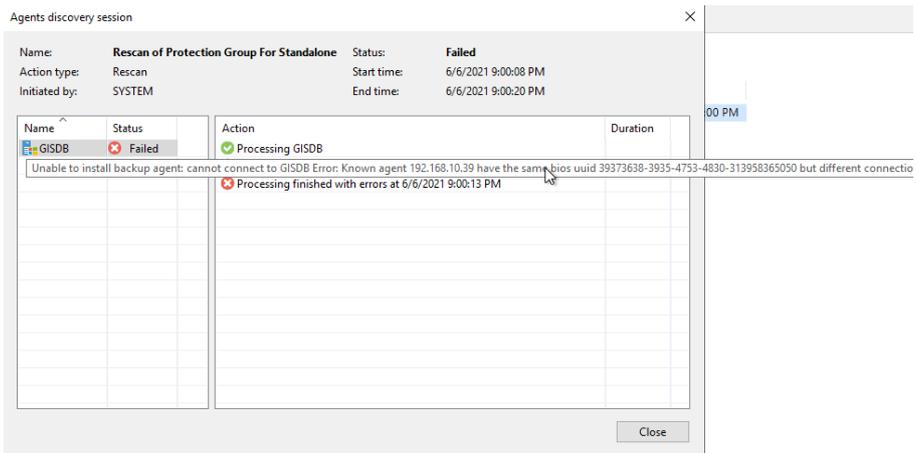
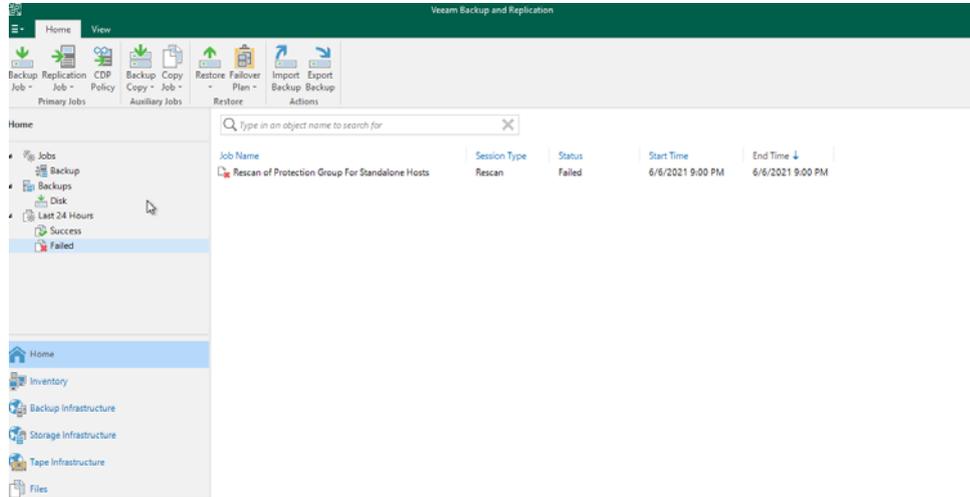
## การ Monitor

## 1. Successful จะแสดง Job ที่สำเร็จ

The screenshot displays the Veeam Backup and Replication console interface. The left-hand navigation pane shows a tree view with 'Jobs' expanded, and 'Success' selected under the 'Last 24 Hours' view. The main area shows a table of job details.

Job Name	Session Type	Status	Start Time	End Time
Rescan of Physical Protection...	Rescan	Success	6/6/2021 11:00 PM	6/6/2021 11:00 PM
Backup Job VM (Incremental)	Backup	Success	6/6/2021 10:49 AM	6/6/2021 9:36 PM
Rescan of Protection Group 1	Rescan	Success	6/6/2021 9:00 PM	6/6/2021 9:00 PM
Rescan of Manually Added	Rescan	Success	6/6/2021 9:00 PM	6/6/2021 9:00 PM
Agent Backup Job	Windows Agent...	Success	6/6/2021 7:00 PM	6/6/2021 7:06 PM
Agent Backup Job	Windows Agent...	Success	6/6/2021 10:49 AM	6/6/2021 1:55 PM

2. Fail จะแสดง Job ที่ Fail สามารถเข้าไปดูรายละเอียดได้โดย Double click เข้าไป



Thank you Q&A