

Recovery Manager for Active Directory クイックガイド



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1. Recovery Manager for Active Directory のインストールレーション
2. Backup Agentのインストール
3. オブジェクトのバックアップ
4. オブジェクト属性のリストア



インストラクション

バックアップサーバのシステム要件

プロセッサ

最小: 1.4 GHz

推奨: 2.0 GHz またはそれ以上

メモリー

最小: 2GB

推奨: 4GB

オブジェクトが100万以下の場合となります。追加で100万オブジェクトが増える場合、RAMサイズを512MB増やす必要があります。

ハードディスク

2.7GBの空容量(必要なソフトウェアおよびコンポーネント)

対応OS

- Microsoft Windows Server® 2022, 2019, 2016, 2012 R2, 2012
- Microsoft Windows® 11, 10 x64, 8.1 x64

必須コンポーネント

Microsoft .NET Framework

Microsoft .NET Framework version 4.8 またはそれ以上

Microsoft SQL Server およびコンポーネント

(必要なSQL Serverおよびコンポーネントについては、RMADのインストールに含まれております。)

- Microsoft SQL Server® 2019, 2017, 2016, 2014 and 2012 (Enterprise, Business Intelligence, Standard, Express, Web, or Developer Edition)

Microsoft SQL Server® components

Microsoft System CLR Types for SQL Server® 2012

Microsoft SQL Server Reporting Services



バックアップサーバの権限

- Recover Manger for Active Directoryのインストール
管理者ユーザに対してLocal Administrators Groupの権限が必要となります。
- Backup Agentのインストール(Domain Controllerへのインストール)
管理者ユーザに対して該当するコンピュータのLocal Administrators Groupの権限が必要となります。

権限設定の詳細については、下記ユーザガイドをご参照ください。

[Recovery Manager for AD 10.2.2 - User Guide \(quest.com\)](#)

Permissions required to use Recovery Manager for Active Directory

Recover Manager for ADのダウンロード

ソフトウェアはサポートポータル(ソフトウェアのみ), もしくは無償評価版(トライアルライセンス)のリンクからダウンロードします。

<https://support.quest.com/ja-jp/download-product-select>

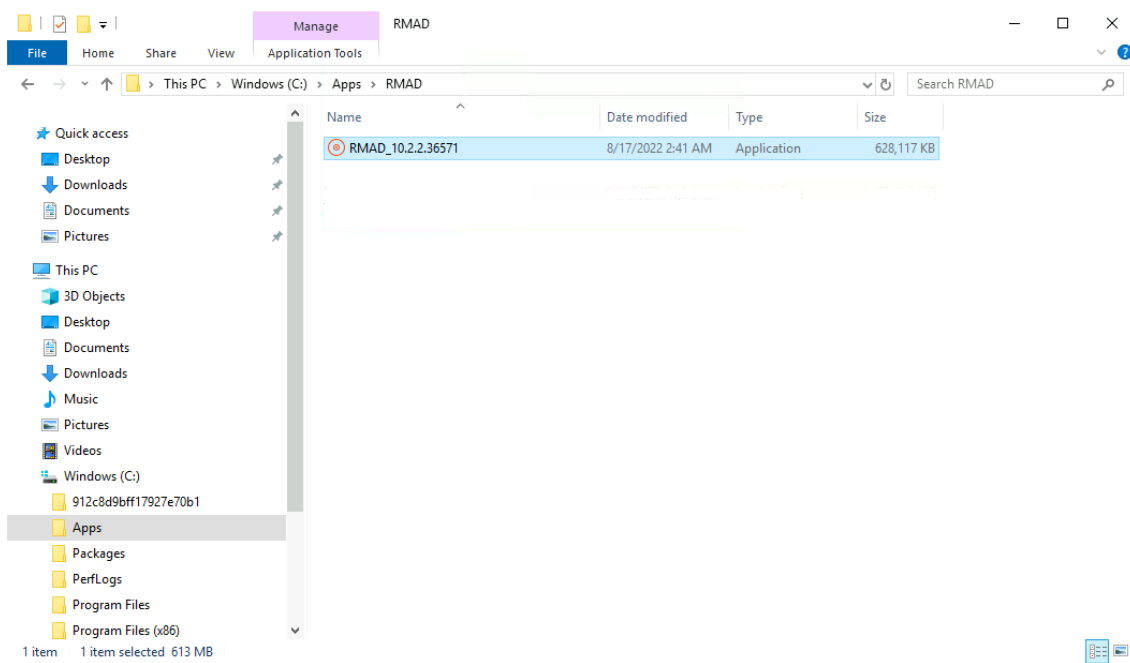
The screenshot shows the Quest Support Portal interface. The main heading is "ソフトウェアのダウンロード" (Software Download). Below it, there is a message: "ソフトウェアの最新バージョンは「新リリースのダウンロード」から入手できます。ダウンロードするには、選択した製品が現在保守契約の対象になっている必要があります。" (The latest version of the software can be obtained from "New Release Download". To download, the selected product must currently be under a maintenance agreement.) There is a search bar with the text "製品を選択して最新のソフトウェアを検索する" (Select a product to search for the latest software). Below the search bar, a dropdown menu shows "Recovery Manager for AD" selected. At the bottom, a table lists available versions:

製品	リリース日	ダウンロード
Recovery Manager for AD 10.2.2 (Build 10.2.2.36571)	2022/07/06	↓

<https://www.quest.com/jp-ja/products/recovery-manager-for-active-directory/>

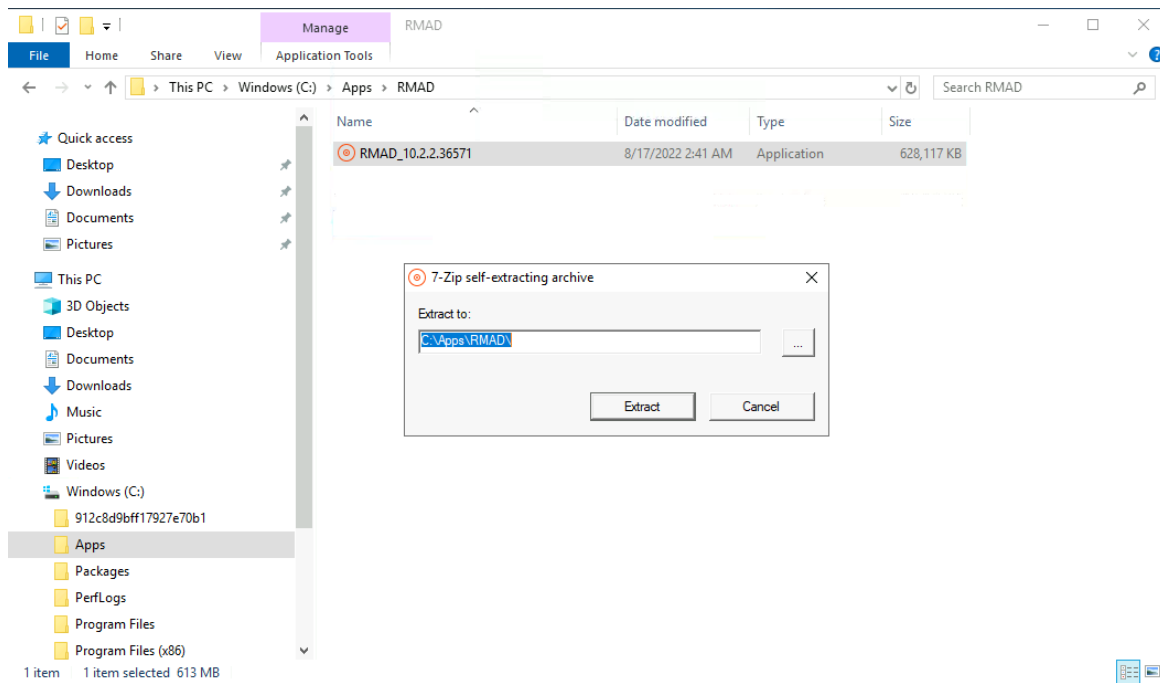
The screenshot shows the Quest website product page for "Recovery Manager for Active Directory". The page features a navigation bar with "Quest" logo and various menu items. The main heading is "Recovery Manager for Active Directory". Below the heading, there is a description: "Active Directoryをバックアップして、オブジェクトや属性のレベルまで復元します。Quest® Recovery Manager for Active Directoryは、お使いのAD環境にとって保険のようなものです。Active Directory (AD) をオブジェクトや属性のレベルまでバックアップできるだけでなく、同じレベルの精度で、AD環境の変更点をピンポイントで特定しやすくもなります。また、何が起きたのか、誰に影響が及ぶのか、何をロールバックすべきかもわかります。迅速にバックアップを比較し、オブジェクトレベルで相違点をピンポイントで特定して、即座に回復します。" (Backup Active Directory and restore at the object or attribute level. Quest® Recovery Manager for Active Directory is like an insurance policy for your AD environment. Not only can you back up Active Directory (AD) at the object or attribute level, but you can also precisely pinpoint changes in your AD environment at the same level of accuracy. Additionally, you can easily identify what happened, who was affected, and what needs to be rolled back. Quickly compare backups and pinpoint differences at the object level to identify and immediately recover.) There are two buttons: "無料トライアルをダウンロード" (Download Free Trial) and "今すぐお問い合わせ" (Contact Us Now). At the bottom, there is a navigation bar with "Recovery Manager for Active Directory" and "今すぐお問い合わせ" (Contact Us Now).

Recover Manager for ADのインストール



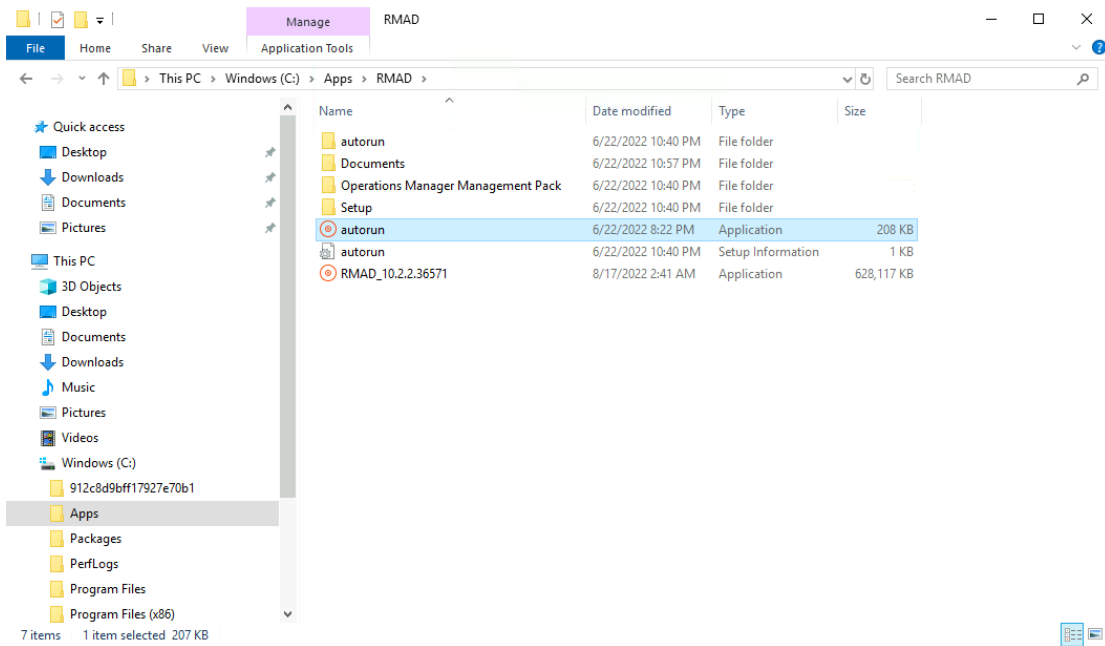
ダウンロードファイルをダブルクリックします。

Recover Manager for ADのインストール



ファイルを展開するディレクトリを指定してください。

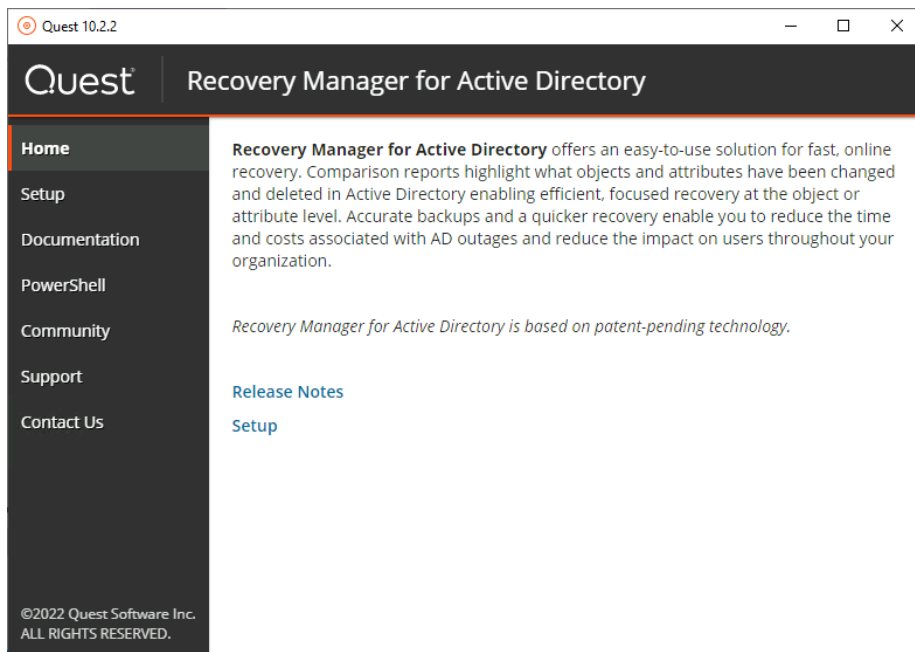
Recover Manager for ADのインストール



Autorunを実行します。



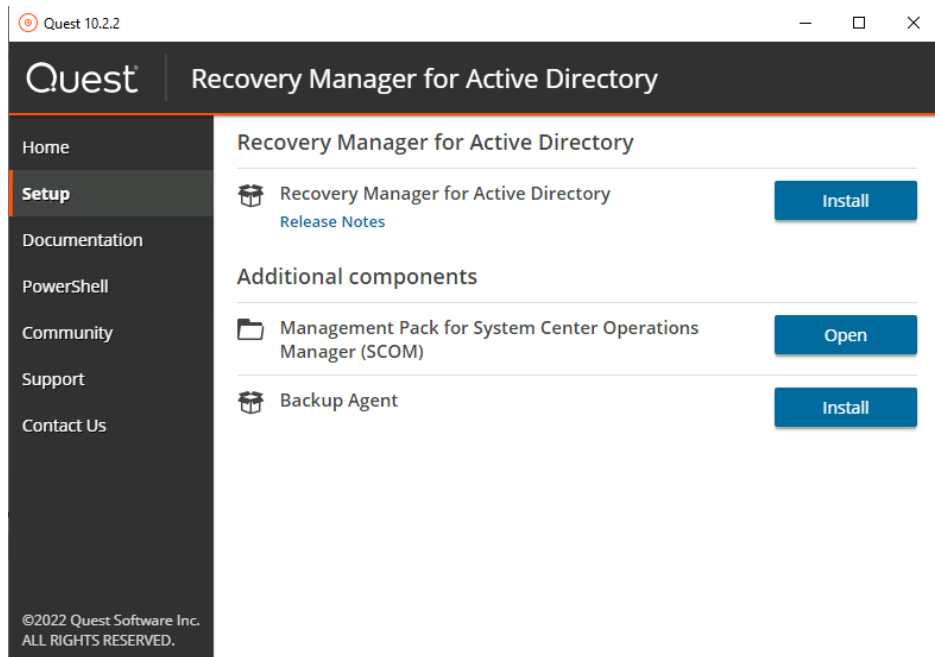
Recover Manager for ADのインストール



Setupを選択します。



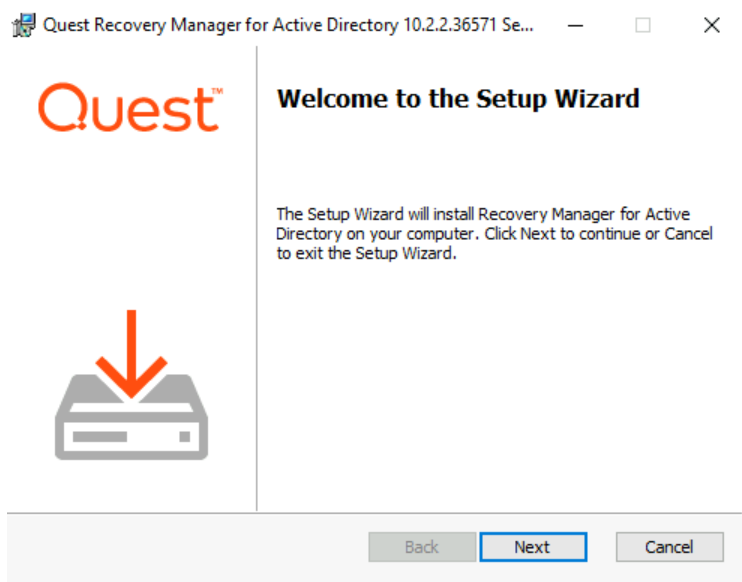
Recover Manager for ADのインストール



Recovery Manager for Active Directory のInstallを選択します。



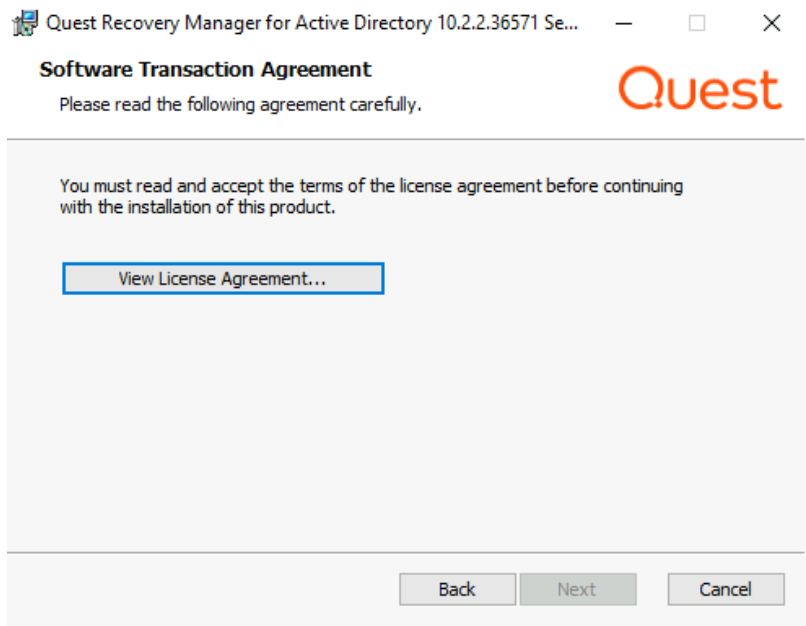
Recover Manager for ADのインストール



Nextを選択します。



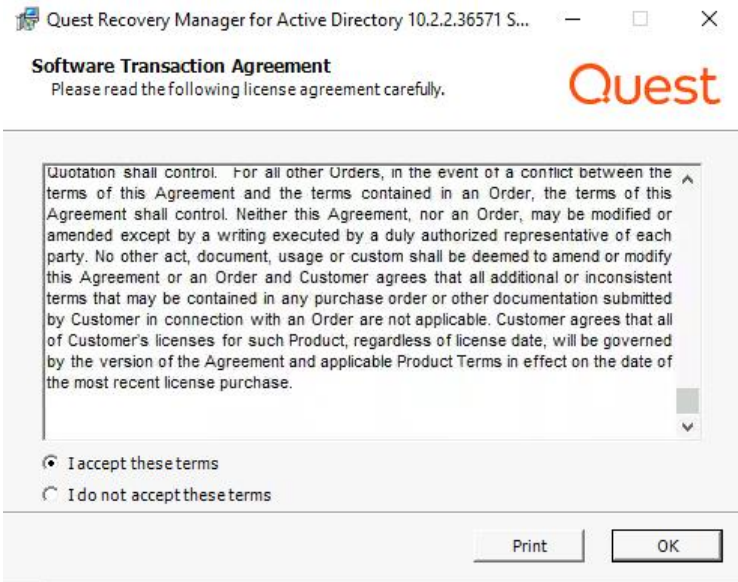
Recover Manager for ADのインストール



View License Agreementを選択します。



Recover Manager for ADのインストール



文書の最後までスクロールダウンしてからI accept these termsを選択し、OKを選択します。



Recover Manager for ADのインストール




Nextを選択します。



Recover Manager for ADのインストール

Quest Recovery Manager for Active Directory 10.2.2.36571 Se... - □ ×

User Information 

Provide information that will be used to personalize your installation.

Full name:

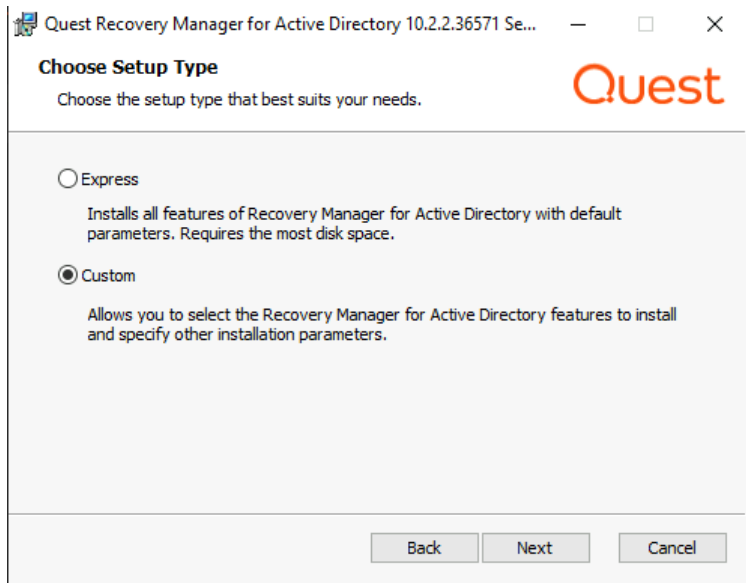
Organization:

To install the product, you need to specify a valid product license. For that, click Browse license or type the path to the license file.

Full NameとOrganizationの入力およびRMADのライセンスキー・
ファイルのパスを指定し、Nextを選択します。



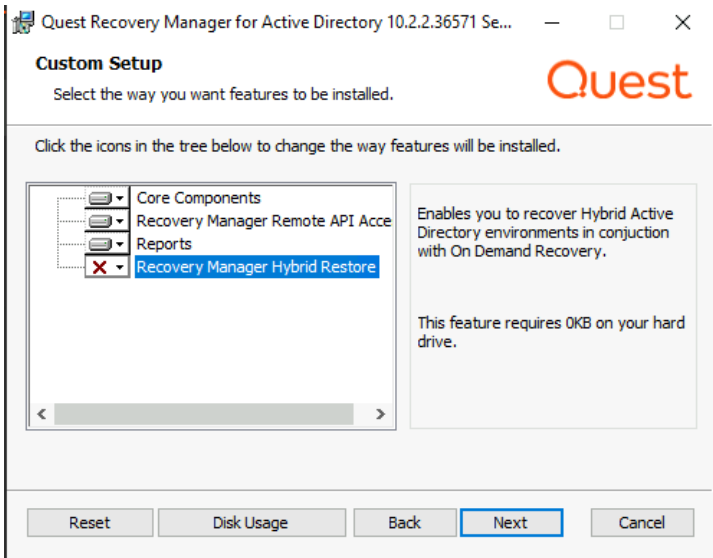
Recover Manager for ADのインストール



Customを選び、Nextを選択します。



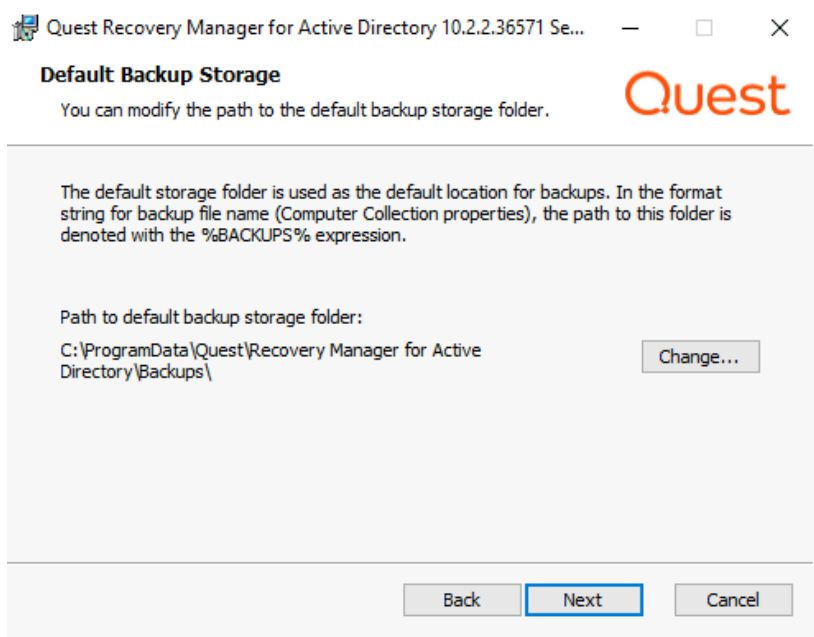
Recover Manager for ADのインストール



必要なコンポーネントを選び、Nextを選択します。



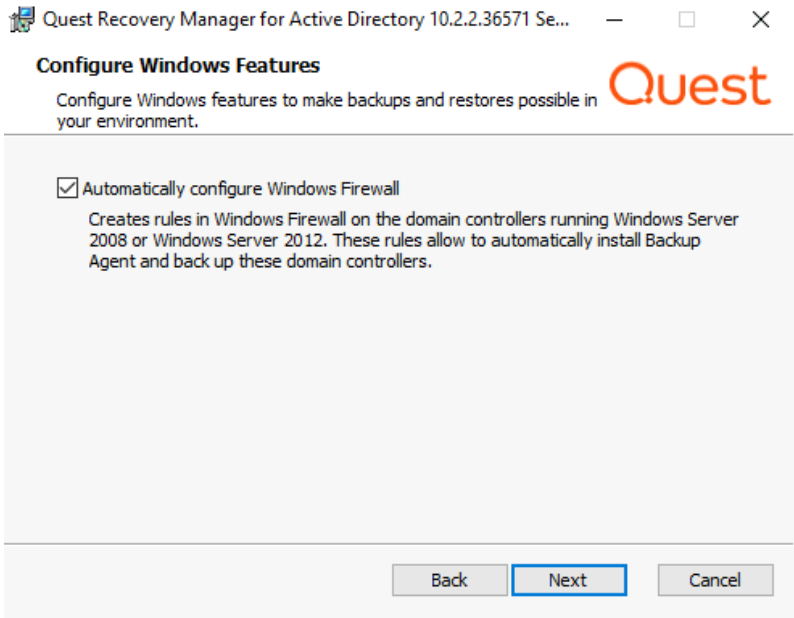
Recover Manager for ADのインストール



バックアップ保存先パスを指定し、Nextを選択します。



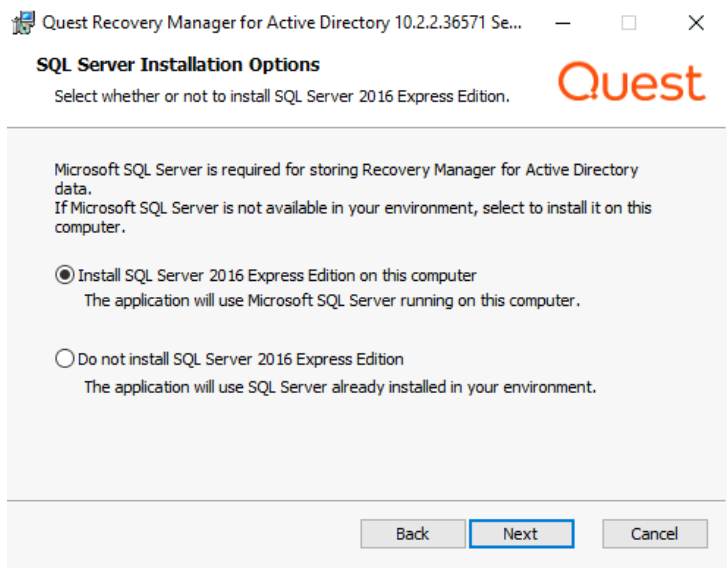
Recover Manager for ADのインストール



Nextを選択します。



Recover Manager for ADのインストール



Nextを選択します。



Recover Manager for ADのインストール

Quest Recovery Manager for Active Directory 10.2.2.36571 Se... - □ ×

Report Management Application

Select a report management application.

Quest

Select the application to be used for generating, managing and viewing reports.

Quest Reports Viewer
Install and use Quest Reports Viewer on this computer.

Microsoft SQL Server Reporting Services
Use SQL Server Reporting Services preinstalled locally or on a remote computer.

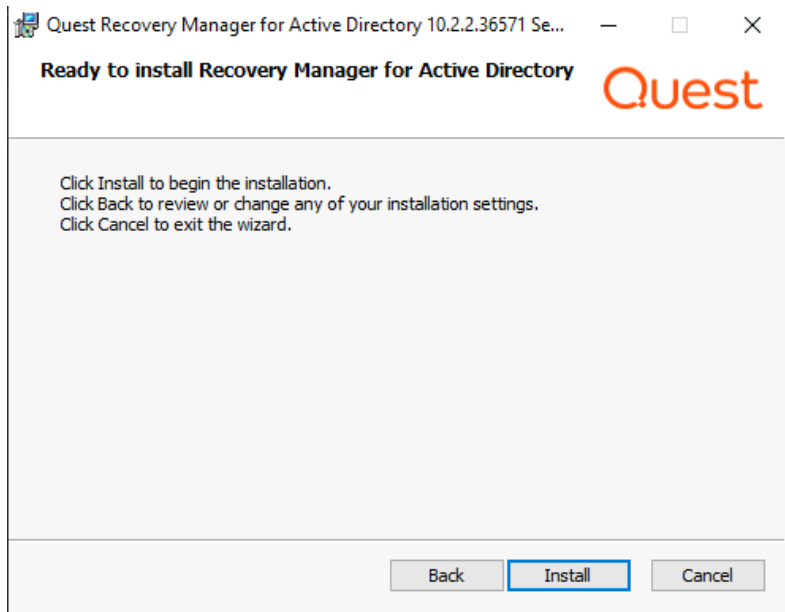
Microsoft SQL Reporting server address:

Back Next Cancel

Nextを選択します。



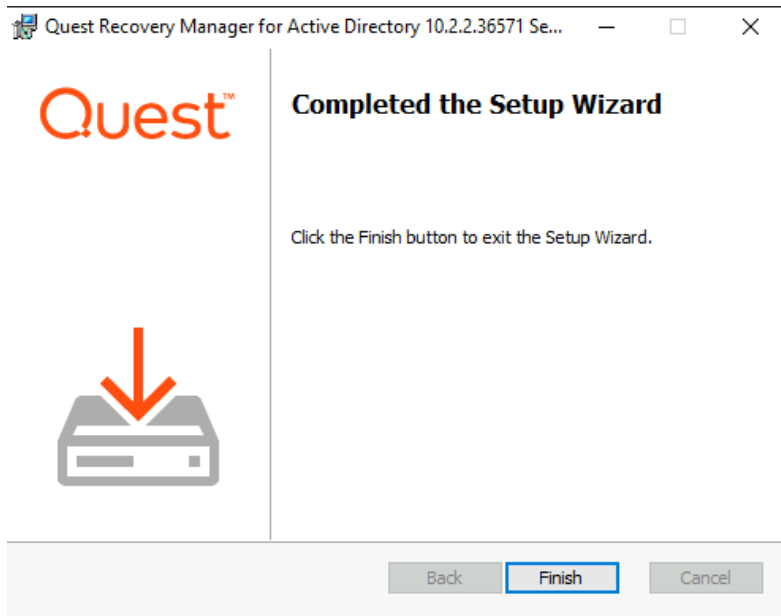
Recover Manager for ADのインストール



Installを選択します。



Recover Manager for ADのインストール



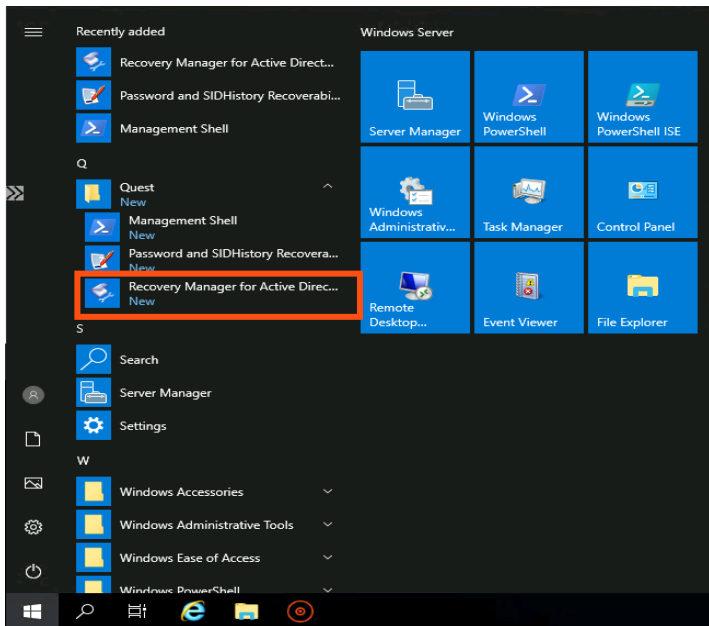
Installが完了です。Finishを選択します。





Backup Agentのインストール

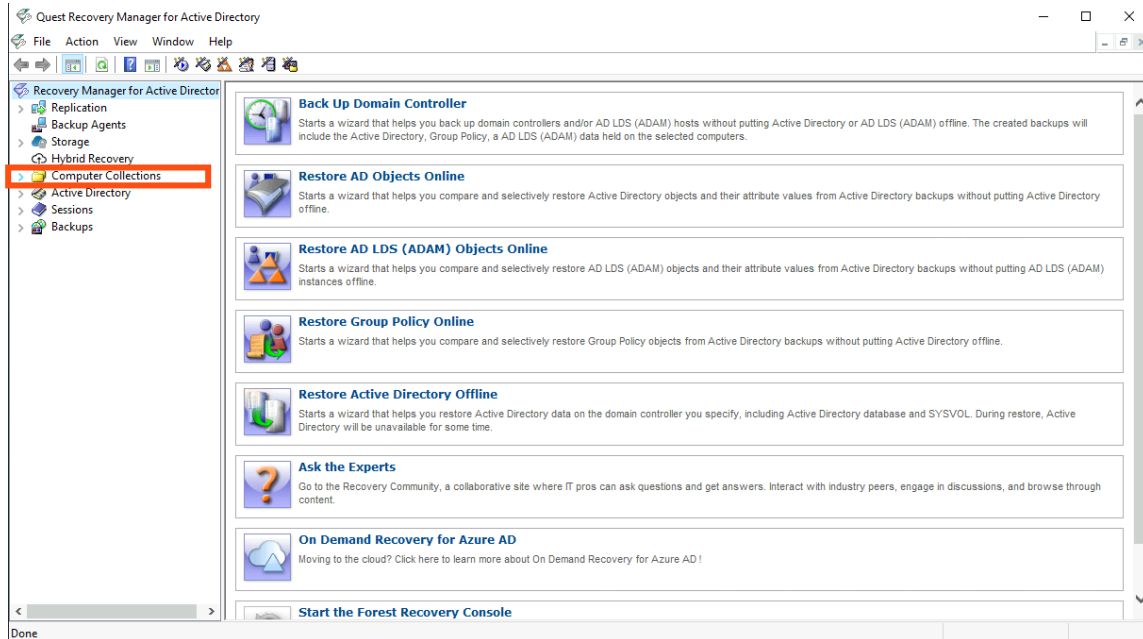
Backup Agentのインストール



Recover Manager for Active Directoryのコンソールを起動します。



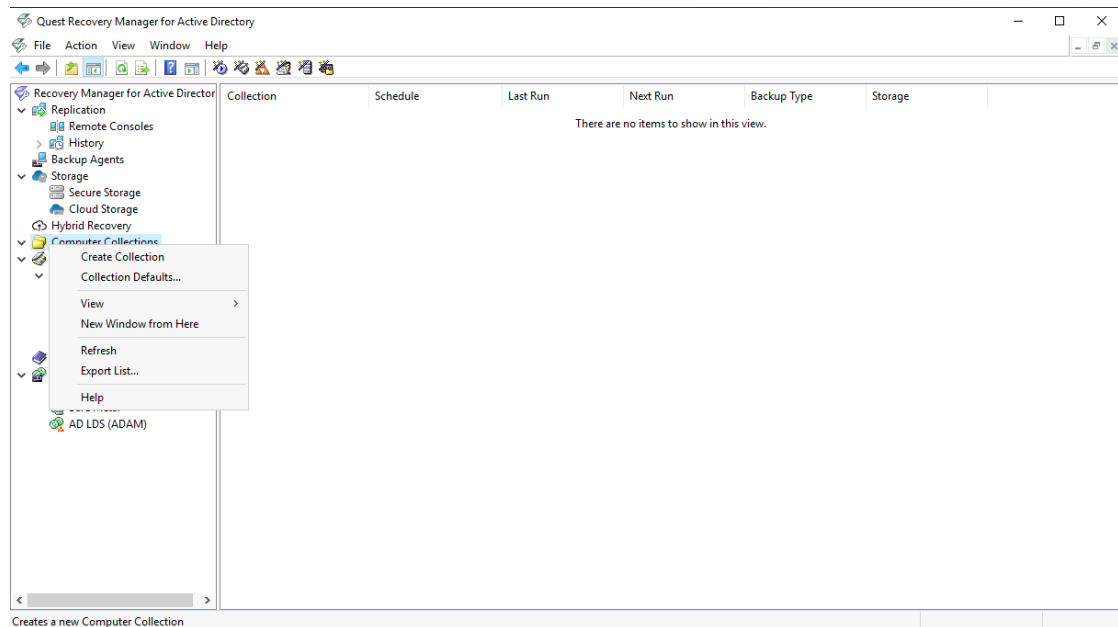
Backup Agentのインストール



Computer Collectionsを選択します。



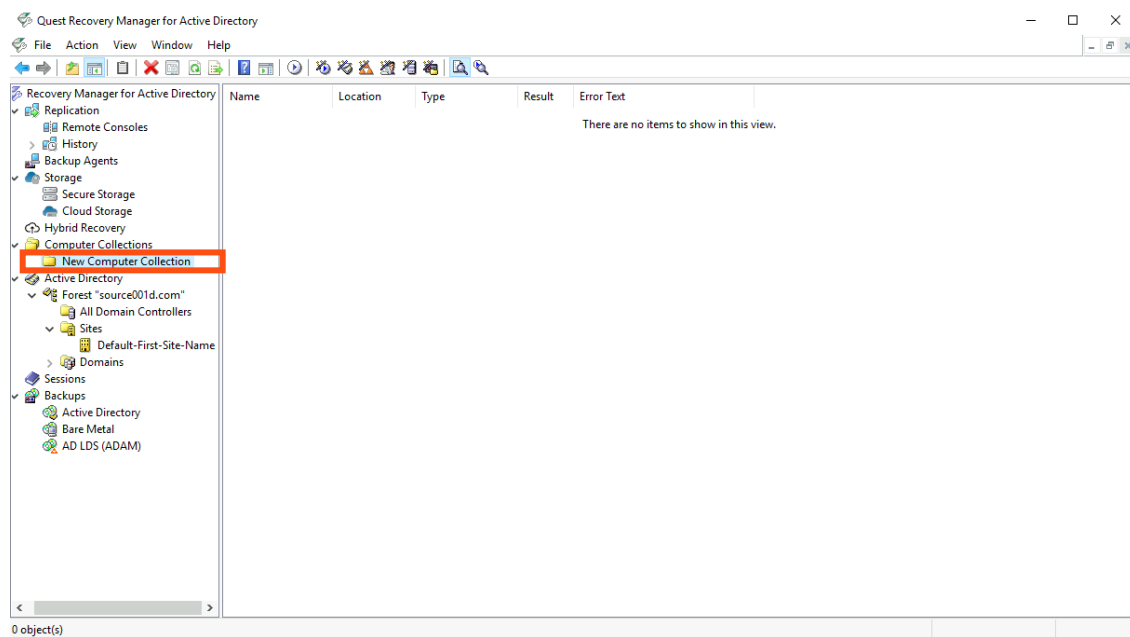
Backup Agentのインストール



Computer Collectionsを右クリックし、Create Collectionを選択します。



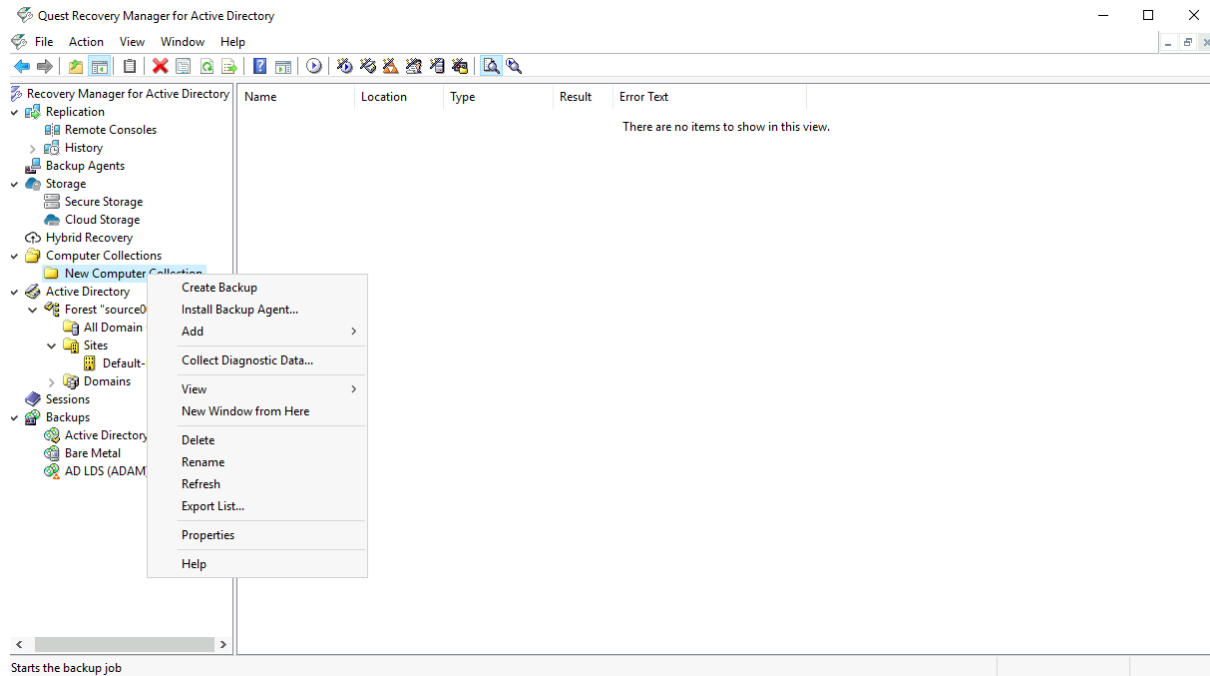
Backup Agentのインストール



新たにCollectionのフォルダが作成されます。



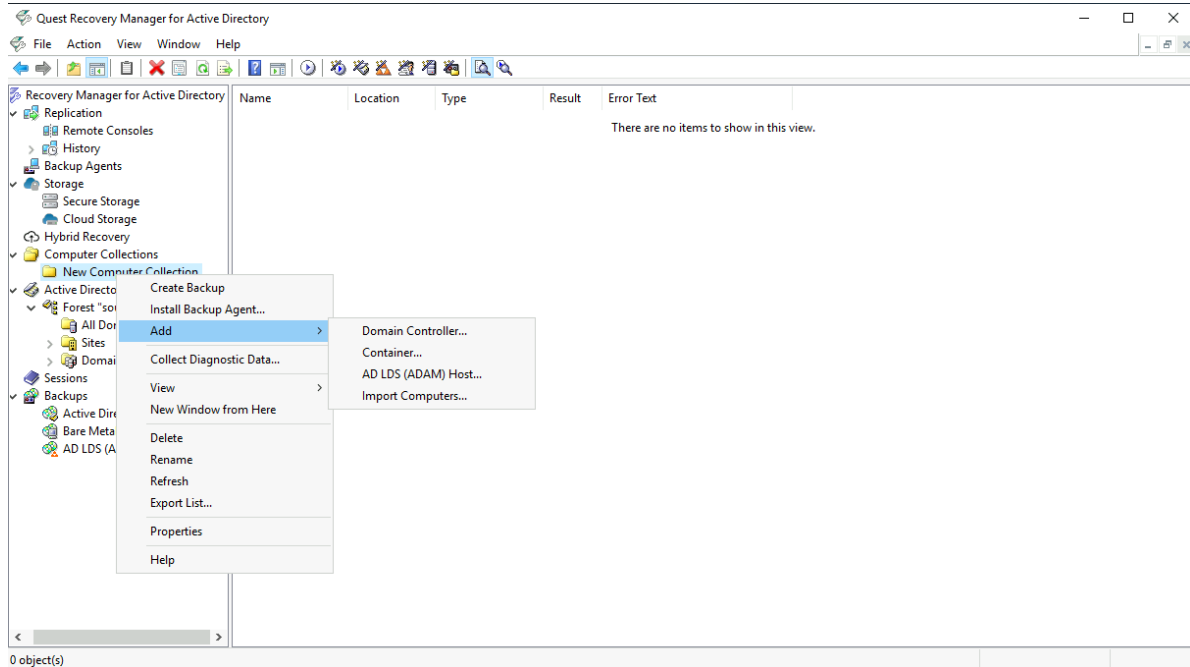
Backup Agentのインストール



新しいCollectionを右クリックし、Addを選択します。

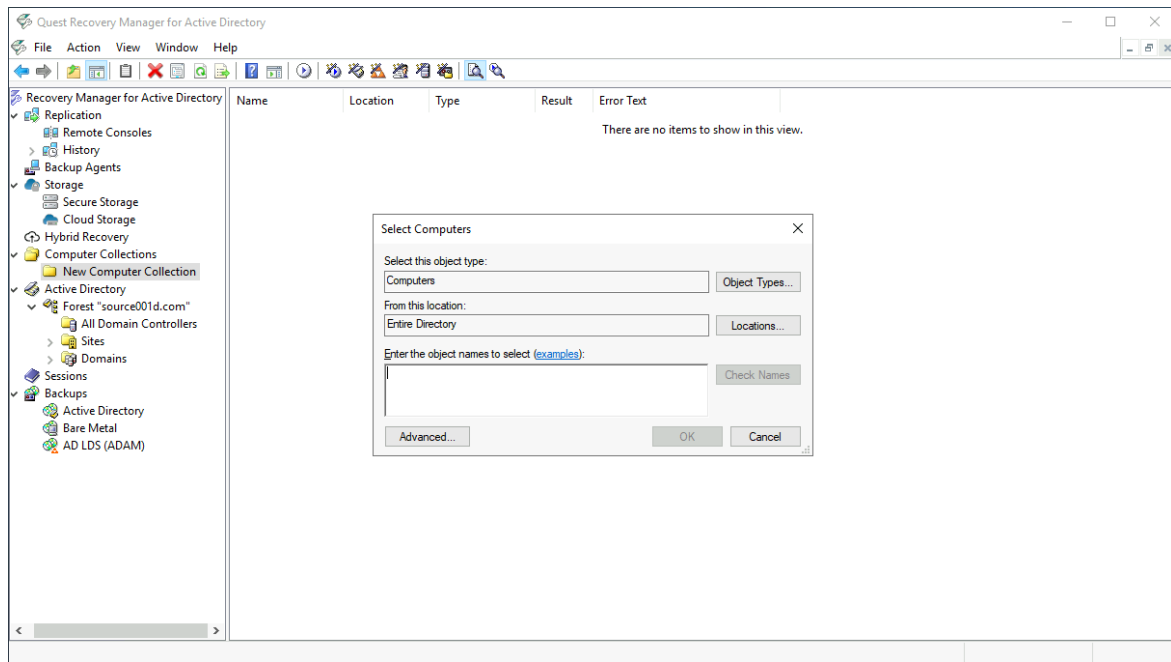


Backup Agentのインストール



AddのDomain Controllerを選択します。

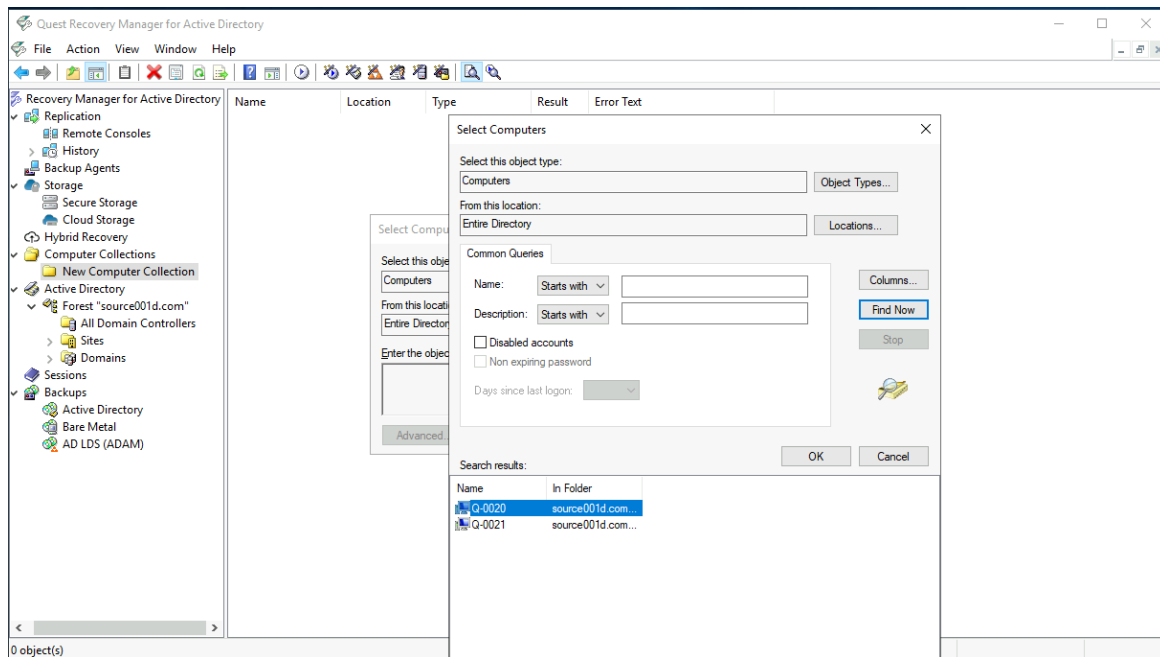
Backup Agentのインストール



Select ComputersにてAdvancedを選択します。



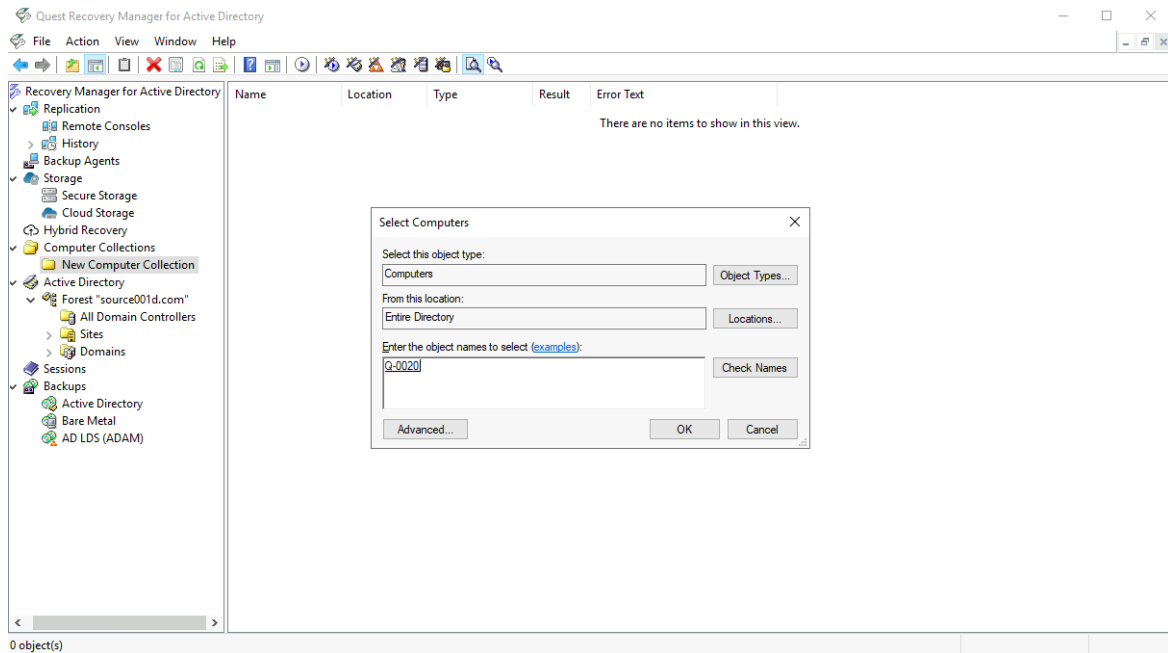
Backup Agentのインストール



Find nowを選択し、該当するDomain Controllerのコンピュータを選択します。



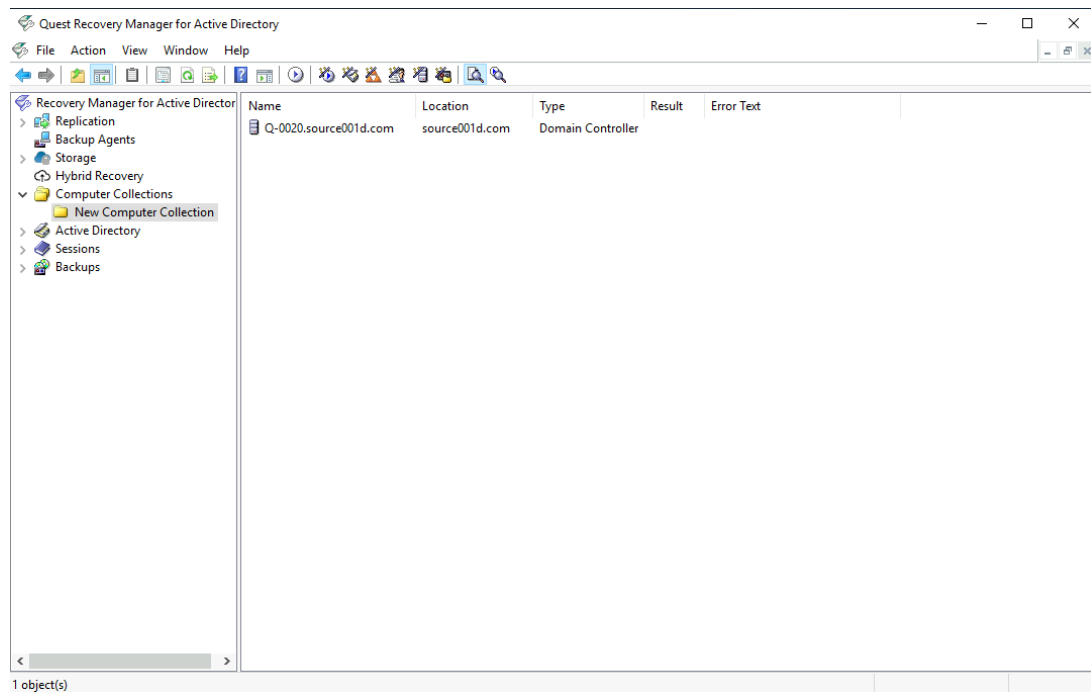
Backup Agentのインストール



OKを選択します。

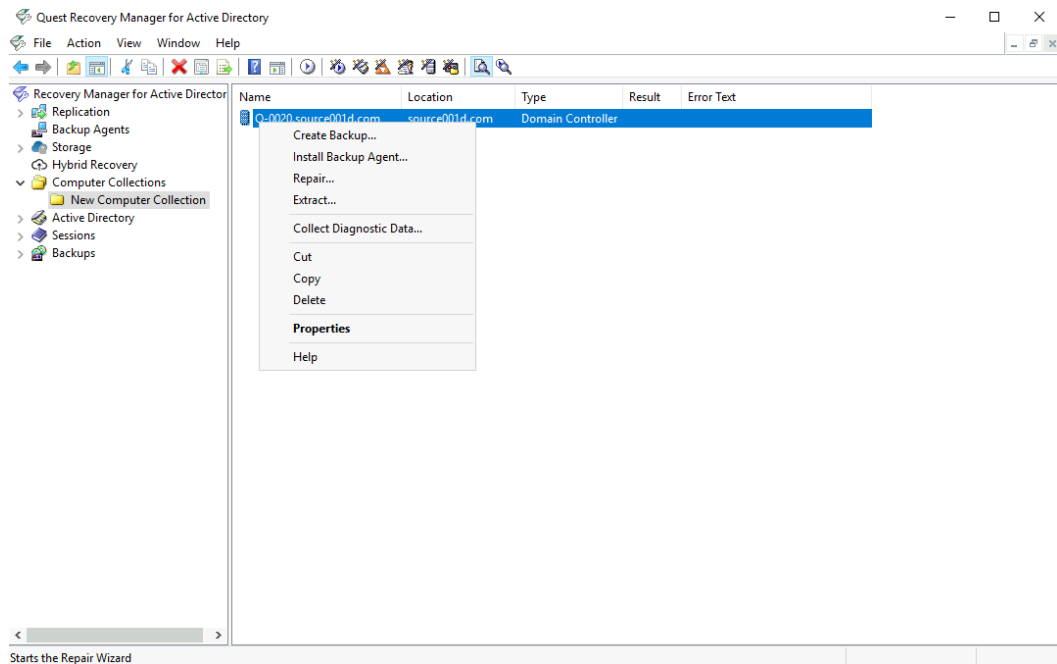


Backup Agentのインストール



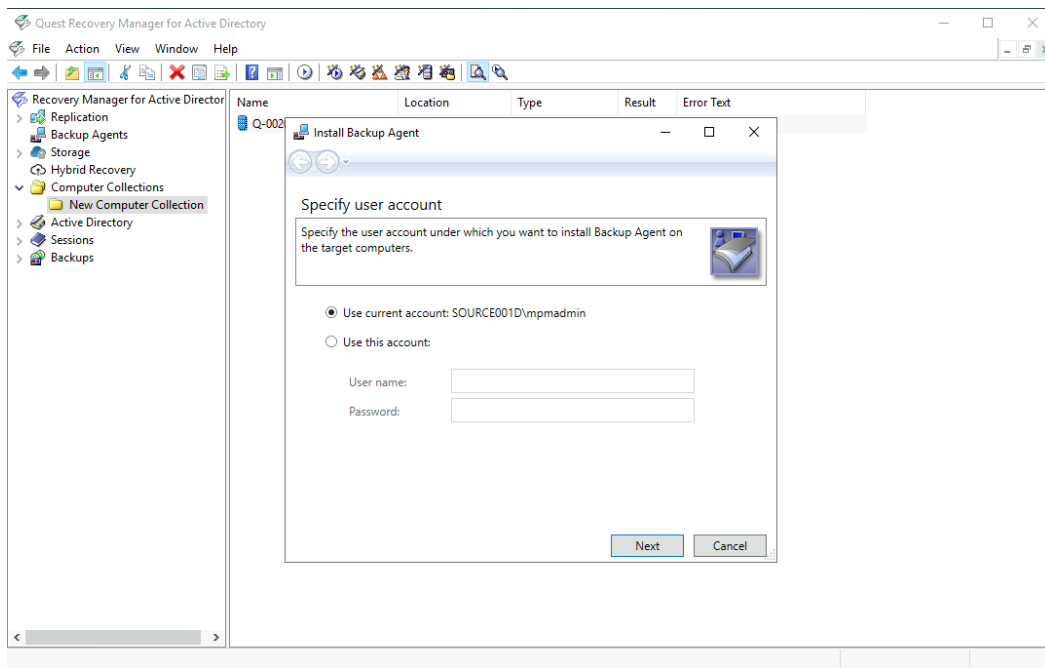
新しいCollectionにおいて、該当するDomain Controllerが表示されることを確認します。

Backup Agentのインストール



該当するDomain Controllerを右クリックし、Install Backup Agentを選択します。

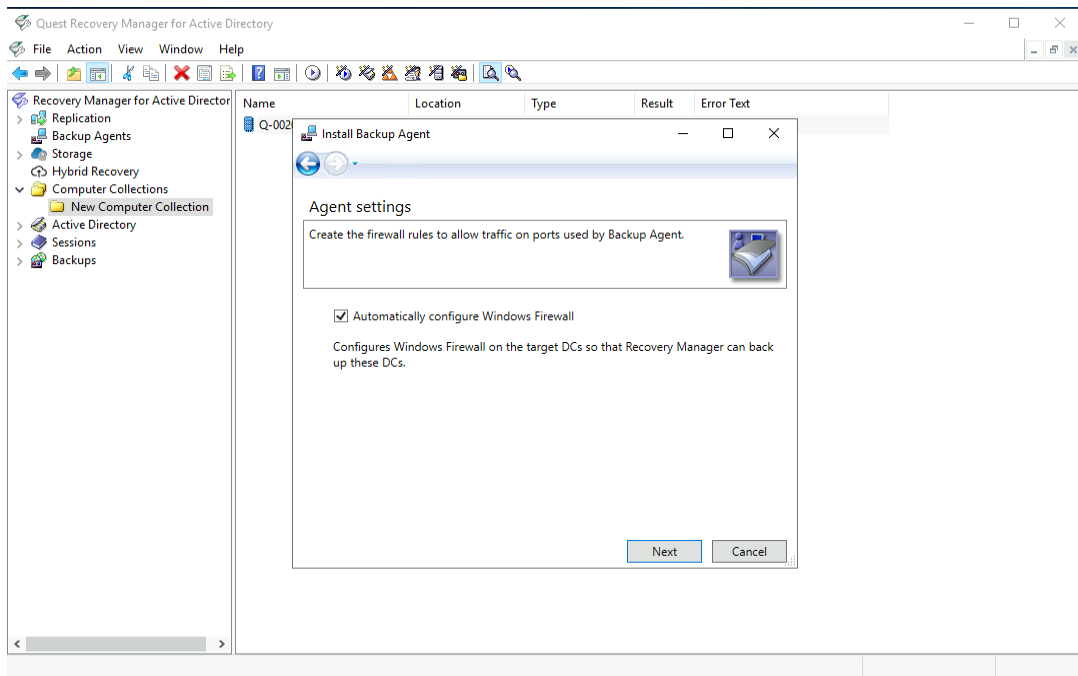
Backup Agentのインストール



Nextを選択します。



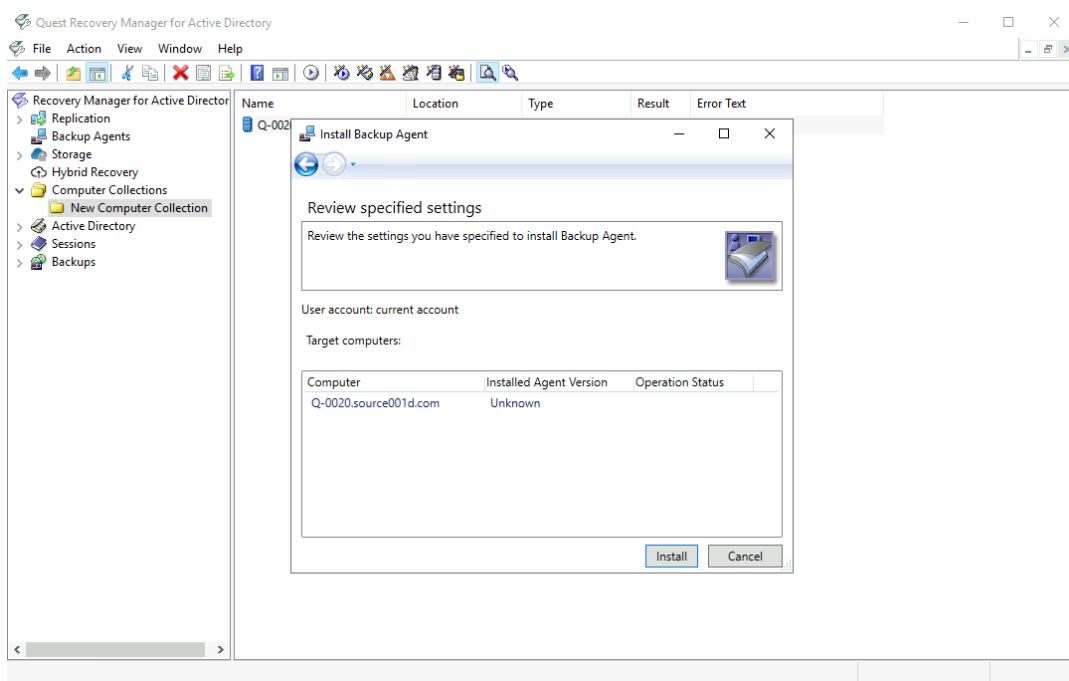
Backup Agentのインストール



Nextを選択します。



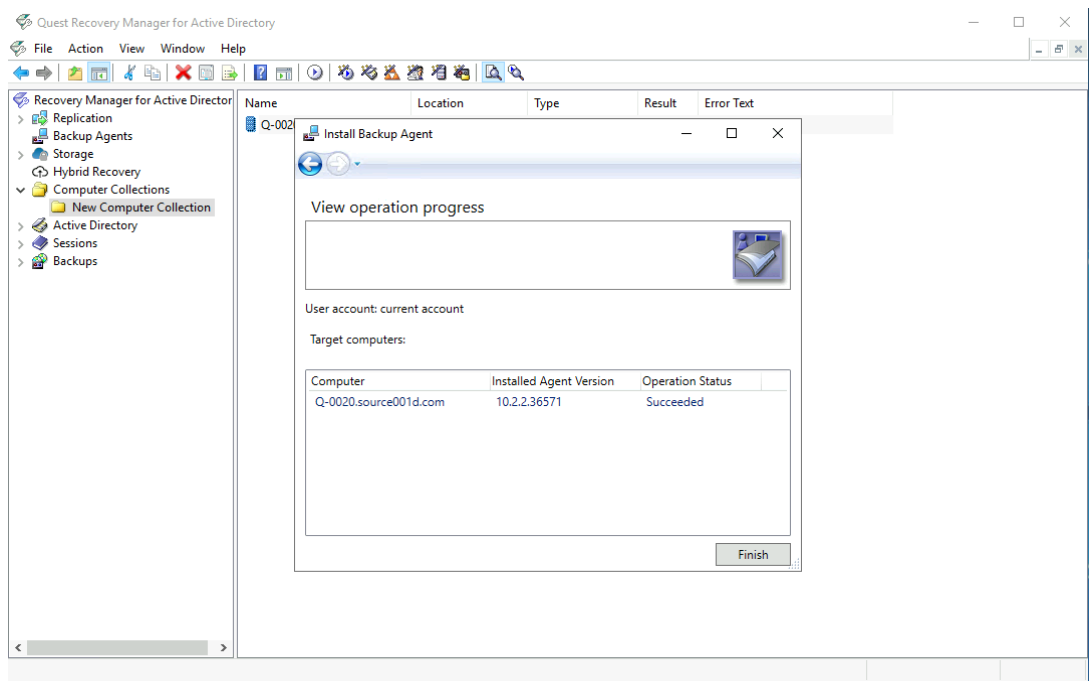
Backup Agentのインストール



Installを選択します。



Backup Agentのインストール

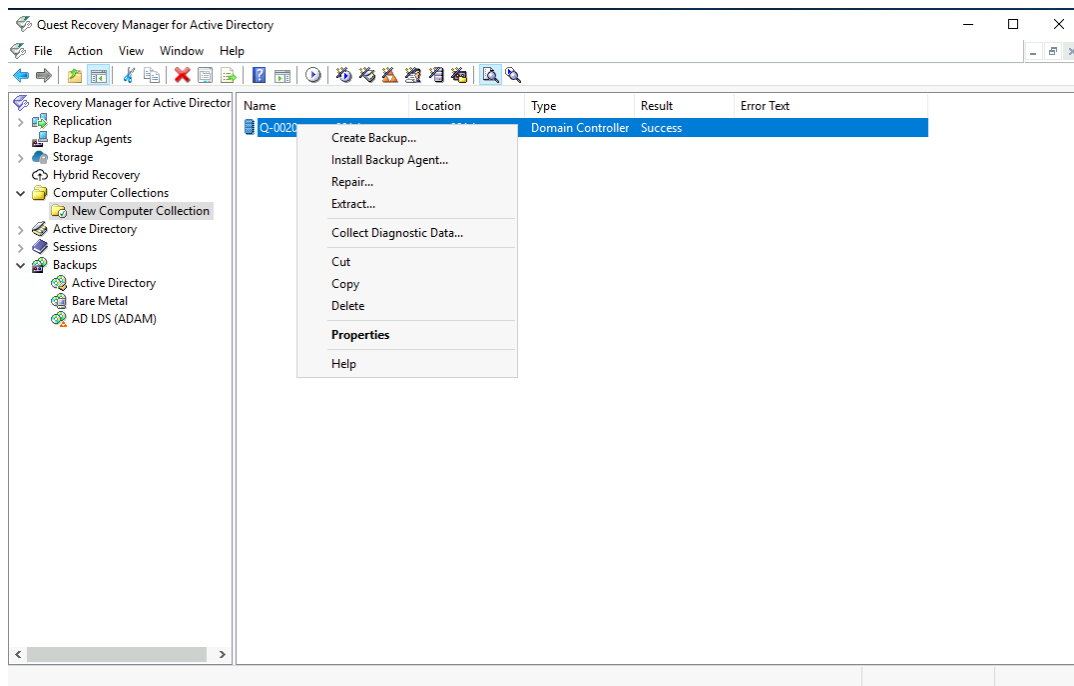


Separation StatusにてSucceededと表示されることでInstallは完了です。Finishを選択します。



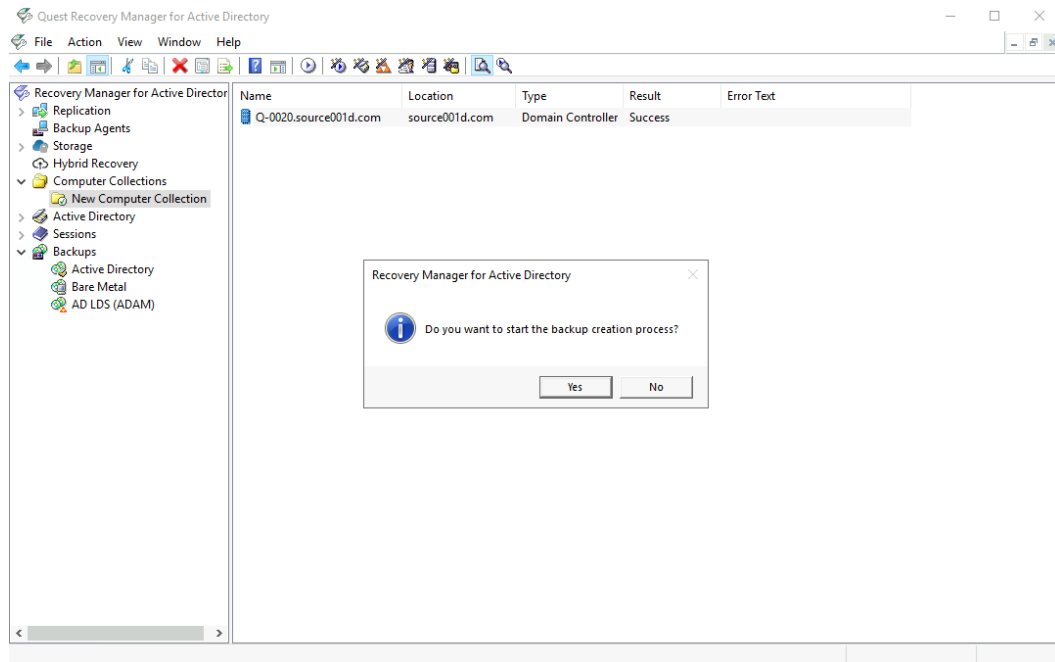
オブジェクトの バックアップ

オブジェクトのバックアップ



Collectionから該当するDomain Controllerを右クリックし、Create Backupを選択します。

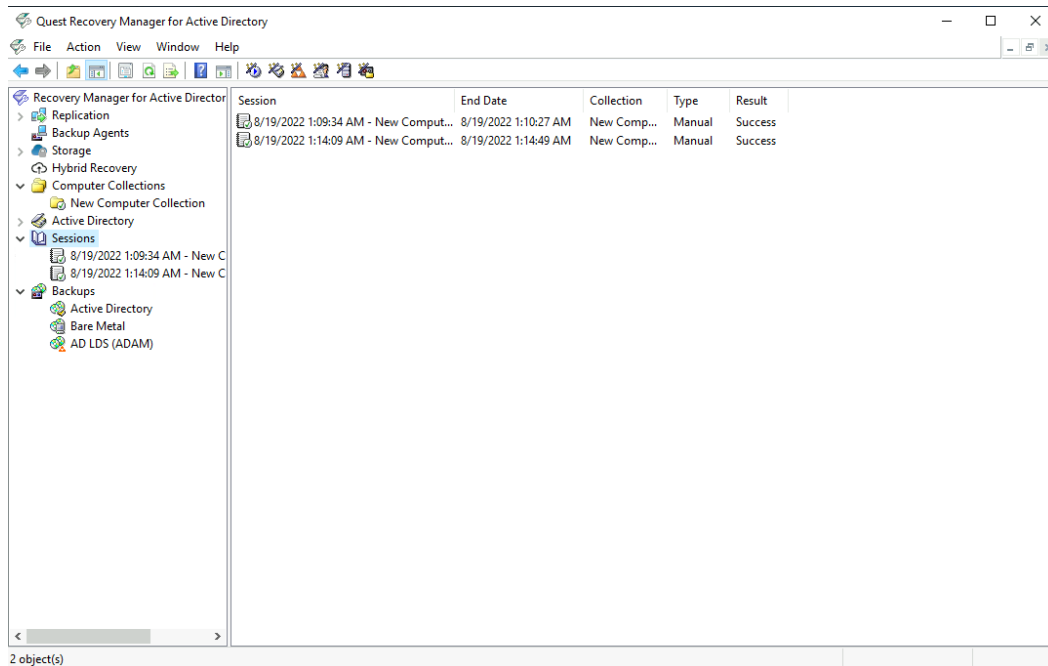
オブジェクトのバックアップ



Yesを選択します。



オブジェクトのバックアップ



The screenshot displays the Quest Recovery Manager for Active Directory interface. The left-hand navigation pane shows a tree view with categories like Replication, Backup Agents, Storage, Hybrid Recovery, Computer Collections, Active Directory, Sessions, and Backups. The 'Sessions' folder is expanded, showing two backup sessions. The main pane displays a table with the following data:

Session	End Date	Collection	Type	Result
8/19/2022 1:09:34 AM - New Comput...	8/19/2022 1:10:27 AM	New Comp...	Manual	Success
8/19/2022 1:14:09 AM - New C	8/19/2022 1:14:49 AM	New Comp...	Manual	Success

At the bottom left of the window, it indicates '2 object(s)'.

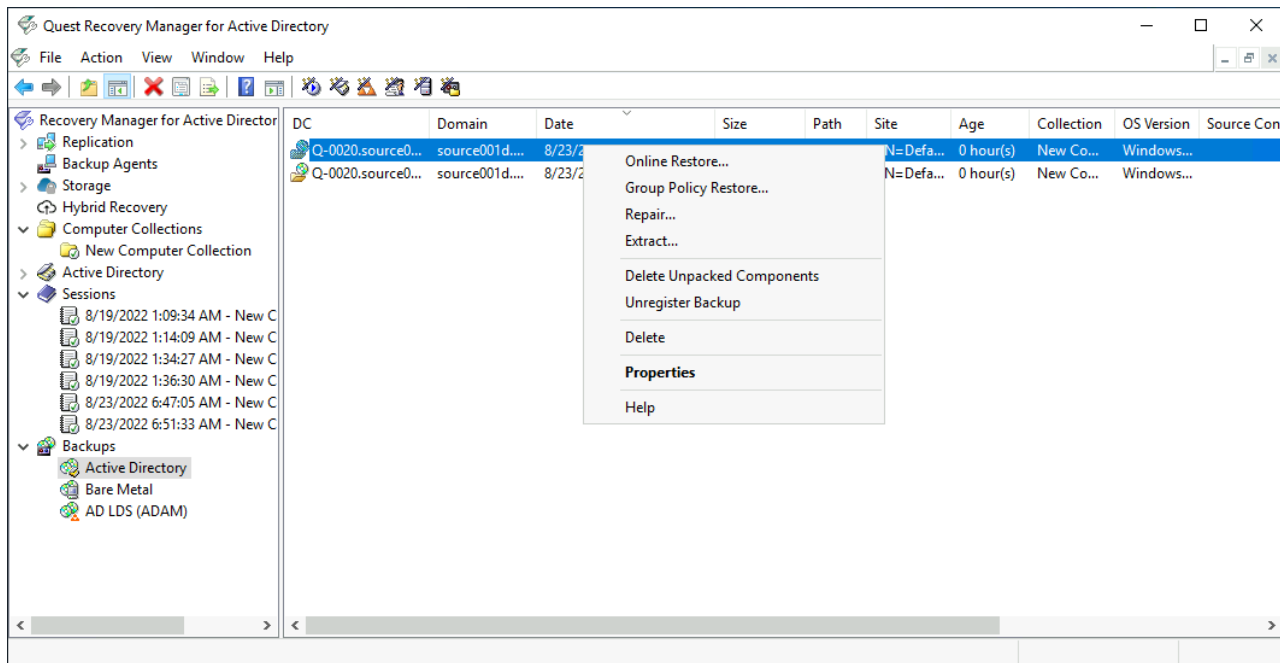
BackupのStatusはSessionsにて確認ができます。





オブジェクト属性のリストア

オブジェクト属性のリストア



今回、リストアのスナリオは、誤ってオブジェクトの属性を変更してしまい、最新のバックアップセットから元の状態に戻します。

Backups/Active Directoryより最新のバックアップを選び、Online Restoreを選択します。

オブジェクト属性のリストア

The screenshot displays the Quest Recovery Manager for Active Directory interface. On the left, a tree view shows the hierarchy: Replication, Backup Agents, Storage, Hybrid Recovery, Computer Collections, and Backups. Under Backups, the 'Active Directory' folder is selected. The main pane shows a table of backup entries:

DC	Domain	Date	Size	Path	Site	Age	Collection	OS Version	Source Console
Q-0020	source001d...	8/19/2022 1:37:03 AM	49,011 KB	C:\Pr...	CN=Defa...	0 hour(s)	New Co...	Windows...	
Q-0020	source001d...	8/19/2022 1:35:00 AM	49,009 KB	C:\Pr...	CN=Defa...	0 hour(s)	New Co...	Windows...	
Q-0020						0 hour(s)	New Co...	Windows...	
Q-0020						0 hour(s)	New Co...	Windows...	

The 'Online Restore Wizard' dialog box is open, displaying the following text:

Welcome to the Online Restore Wizard

This wizard helps you recover Active Directory objects that were deleted or modified since the backup. The wizard does not require restarting domain controllers, nor does it interfere with their normal operation.

The wizard restores only the objects you select from your Active Directory backup, without affecting the other objects. It allows you to select exactly what objects and what object attributes need to be restored.

The wizard asks you what operation you want it to perform, and allows you to select backups and objects to be processed. You can create comparison reports, analyze them to make a decision on what needs to be restored, and then perform a restore.

To continue, click Next.

Buttons: < Back, Next >, Cancel, Help

Nextを選択します。



オブジェクト属性のリストア

The screenshot shows the Quest Recovery Manager for Active Directory interface. The main window displays a table of backup operations with columns for DC, Domain, Date, Size, Path, Site, Age, Collection, OS Version, and Source Console. A dialog box titled "Wizard Operation Mode" is open, presenting two options for restoration:

- Compare, restore, and report changes in Active Directory
With this option, you can restore previously backed up objects, deciding on what needs to be restored based on per-attribute comparison of objects between a backup and Active Directory. Change tracking reports are also available.
- Compare two backups and report the differences
With this option, you can perform per-attribute comparison of objects between two Active Directory backups. Comparison reports help you monitor object modifications that occurred within the time period between two backups.

Buttons at the bottom of the dialog include "< Back", "Next >", "Cancel", and "Help".

Nextを選択します。



オブジェクト属性のリストア

The screenshot displays the Quest Recovery Manager for Active Directory interface. The main window is titled "Online Restore Wizard" and shows the "Backup Selection" step. A table lists registered backups, with the first entry selected. The table has columns for Age, Created, DC, and Media.

Age	Created	DC	Media
0 hour(s)	8/23/2022 6:52:05 AM	Q-0020.source001d.com	C:\ProgramData\Quest\VR
0 hour(s)	8/23/2022 6:47:44 AM	Q-0020.source001d.com	C:\ProgramData\Quest\VR

Below the table, there are navigation buttons: < Back, Next >, Cancel, and Help. A "Register" button is also visible.

Nextを選択します。



オブジェクト属性のリストア

The screenshot displays the Quest Recovery Manager for Active Directory interface. On the left, a tree view shows the navigation structure, including 'Replication', 'Backup Agents', 'Storage', 'Hybrid Recovery', 'Computer Collections', 'New Computer Collection', 'Active Directory', 'Forest "source01d.com"', 'Sessions', and 'Backups'. The main pane shows a table of backup data:

DC	Domain	Date	Size	Path	Site	Age	Collection	OS Version	Source Console
Q-0020.source0...	source001d....	8/19/2022 1:37:03 AM	49,011 KB	C:\Pr...	CN=Defa...	0 hour(s)	New Co...	Windows...	
Q-0020.source0...	source001d....	8/19/2022 1:35:00 AM	49,009 KB	C:\Pr...	CN=Defa...	0 hour(s)	New Co...	Windows...	
Online Restore Wizard									
Q-0020						0 hour(s)	New Co...	Windows...	

A dialog box titled 'Backup Data Preparation' is overlaid on the table. It contains the following text:

Backup Data Preparation
During this step, the wizard extracts the backup(s) and prepares data for further use.

Done.

Keep extracted data after completing the wizard

The wizard saves the extracted DIT database in a temporary folder, so you can reuse this information for subsequent starts of the Online Restore Wizard or Group Policy Restore Wizard

To stop the unpack process, click Cancel.

Buttons: < Back, Next >, Cancel, Help

Nextを選択します。



オブジェクト属性のリストア

The screenshot shows the Quest Recovery Manager for Active Directory interface. On the left is a navigation tree with categories like Replication, Backup Agents, Storage, Hybrid Recovery, Computer Collections, Active Directory, Sessions, and Backups. The main area displays a table of objects with columns for DC, Domain, Date, Size, Path, Site, Age, Collection, OS Version, and Source Console. A 'Domain Access Options' dialog box is open, allowing configuration for accessing a target domain controller.

DC	Domain	Date	Size	Path	Site	Age	Collection	OS Version	Source Console
Q-0020.source0...	source001d....	8/19/2022 1:37:03 AM	49,011 KB	C:\Pr...	CN=Defa...	0 hour(s)	New Co...	Windows...	
Q-0020.source0...	source001d....	8/19/2022 1:35:00 AM	49,009 KB	C:\Pr...	CN=Defa...	0 hour(s)	New Co...	Windows...	
Q-0020						0 hour(s)	New Co...	Windows...	
Q-0020						0 hour(s)	New Co...	Windows...	

Domain Access Options
You can specify how you want the wizard to access the target domain.

Use agentless method to access domain controller
Some object attributes, such as User Password and SID History, cannot be compared or restored in agentless mode. For more information, click Help.

Target domain controller:

Account used to access the target domain controller:

Automatically configure Windows Firewall

< Back Next > Cancel Help

Nextを選択します。



オブジェクト属性のリストア

Quest Recovery Manager for Active Directory

File Action View Window Help

DC	Domain	Date	Size	Path	Site	Age	Collection	OS Version	Source Console
Q-0020.source0...	source001d...	8/19/2022 1:37:03 AM	49,011 KB	C:\Pr...	CN=Defa...	3 hour(s)	New Co...	Windows...	
Q-0020.source0...	source001d...	8/19/2022 1:35:00 AM	49,009 KB	C:\Pr...	CN=Defa...	0 hour(s)	New Co...	Windows...	
Q-0020	Online Restore Wizard					0 hour(s)	New Co...	Windows...	
Q-0020						0 hour(s)	New Co...	Windows...	

Objects to Be Processed
To select objects, click Add. You can find objects by name, browse for objects, or use a file to import objects. Use Properties to view attribute values.

Objects:

Name

Add Remove Properties...

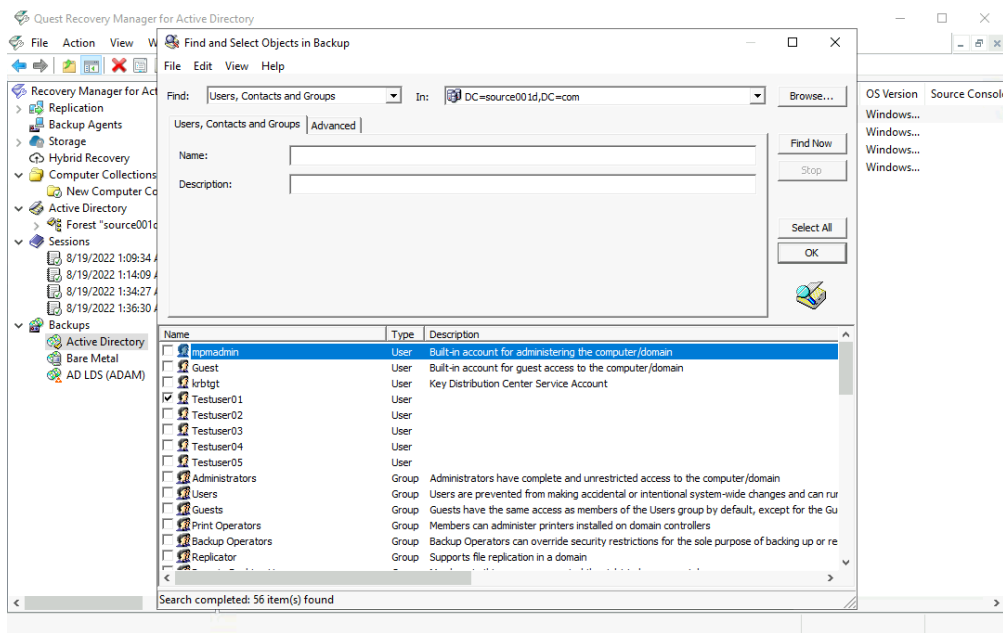
Find...
Browse...
Import...

< Back Cancel Help

Add/Find... を選択します。

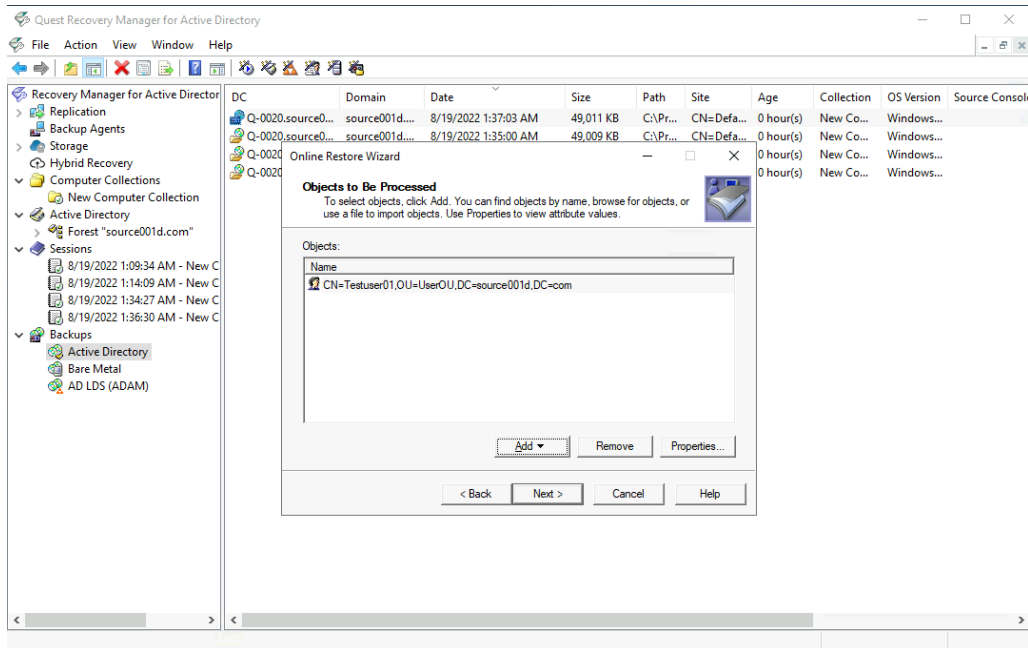


オブジェクト属性のリストア



リストアするオブジェクトを選び、OKを選択します。

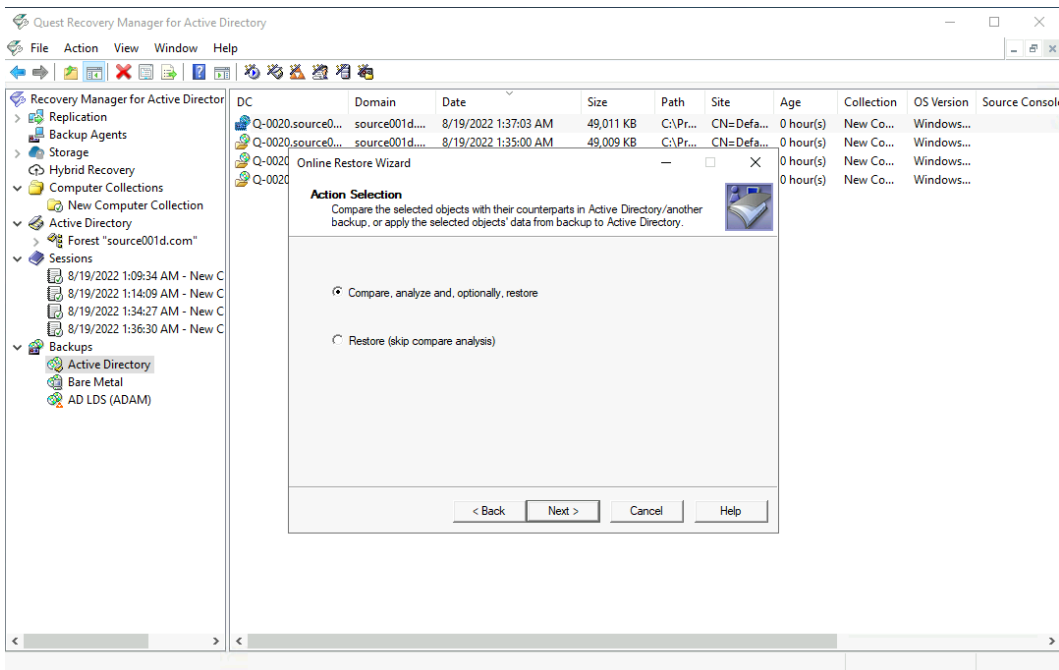
オブジェクト属性のリストア



Nextを選択します。



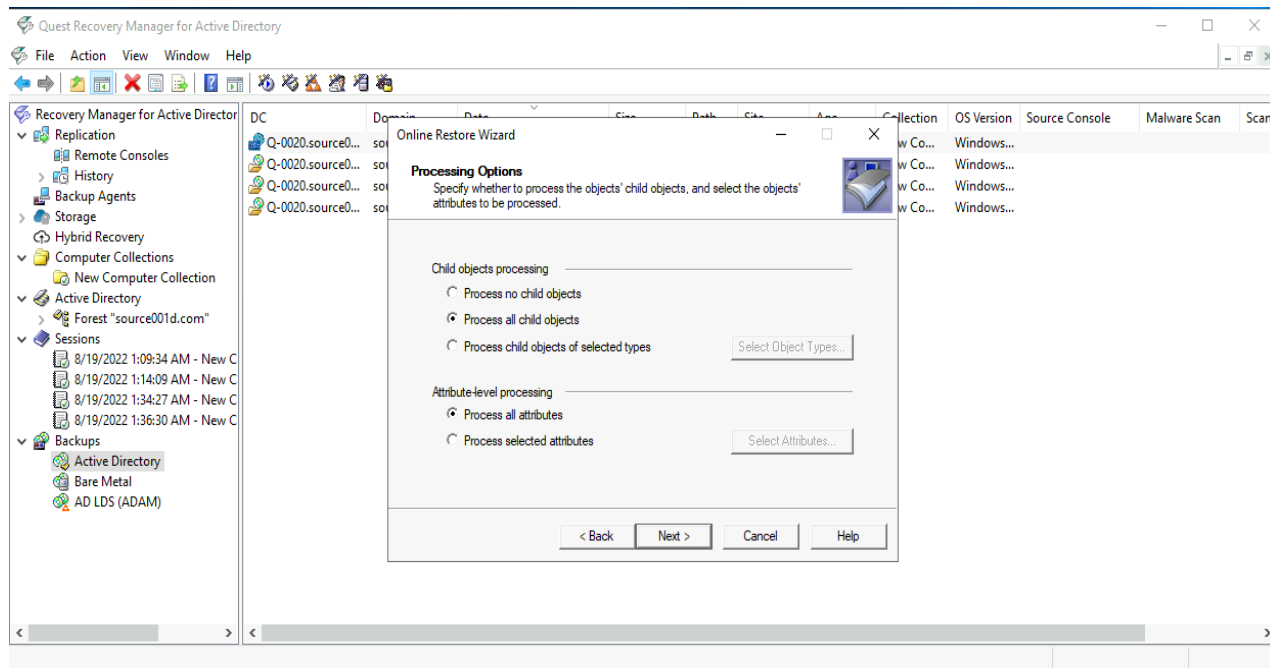
オブジェクト属性のリストア



Nextを選択します。



オブジェクト属性のリストア



Nextを選択します。



オブジェクト属性のリストア

Quest Recovery Manager for Active Directory

File Action View Window Help

Recovery Manager for Active Director

Replication

Backup Agents

Storage

Hybrid Recovery

Computer Collections

New Computer Collection

Active Directory

Sessions

8/19/2022 1:09:34 AM - New C

8/19/2022 1:14:09 AM - New C

8/19/2022 1:34:27 AM - New C

8/19/2022 1:36:30 AM - New C

8/23/2022 6:47:05 AM - New C

8/23/2022 6:51:33 AM - New C

Backups

Active Directory

Bare Metal

AD LDS (ADAM)

Online Restore Wizard

Additional Options
Specify additional reporting and integration options.

Generate report

Report changed objects only

Report changed attributes only

Change Auditor (CA)

Include Change Auditor "Who" data in reports

Include subsequent changes from CA on deleted objects

Database:

Account used to access CA database:
SOURCE001D\mpmadmin Change...

< Back Next > Cancel Help

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

Nextを選択します。



オブジェクト属性のリストア

Quest Recovery Manager for Active Directory

File Action View Window Help

DC

Online Restore Wizard

Operation Start
The wizard is ready to start the operation. You can review the settings you have specified.

Backup: C:\ProgramData\Quest\Recovery Manager for Active Directory\Backups\Q-0020\Q-0020-20220823065205-AD-Backup.bk
Created: 8/23/2022 at 6:52:05 AM
Target DC: Q-0020.source001d.com

Processing Options:
Agentless access to domain controller
Process all child objects
Process all attributes

Reporting Options:
Log information only about changed objects: Yes

Process the following Active Directory objects:

To start the operation, click Next.
To change the wizard settings, click Back.

< Back Next > Cancel Help

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

Nextを選択します。



オブジェクト属性のリストア

The screenshot displays the Quest Recovery Manager for Active Directory application. On the left, a navigation pane shows a tree view with folders like Replication, Backup Agents, Storage, Hybrid Recovery, Computer Collections, Active Directory, Sessions, and Backups. The 'Backups' folder is expanded, showing sub-items: Active Directory, Bare Metal, and AD LDS (ADAM). The main area is occupied by the 'Online Restore Wizard' dialog box. The dialog has a title bar with standard window controls and a close button. Below the title bar, it says 'Operation Start' followed by the text 'The wizard is ready to start the operation. You can review the settings you have specified.' Below this is a scrollable text box containing the following information:
Backup: C:\ProgramData\Quest\Recovery Manager for Active Directory\Backups\Q-0020...
Created: 8/23/2022 at 6:52:05 AM
Target DC: Q-0020.source001d.com

Processing Options:
Agentless access to domain controller
Process all child objects
Process all attributes

Reporting Options:
Log information only about changed objects: Yes

Process the following Active Directory objects:

At the bottom of the dialog, there are four buttons: '< Back', 'Next >', 'Cancel', and 'Help'. To the right of the wizard, a table with four columns is visible: 'Age', 'Collection', 'OS Version', and 'Source Con'. The table contains two rows of data:
Row 1: 0 hour(s), New Co..., Windows...
Row 2: 0 hour(s), New Co..., Windows...

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

Nextを選択します。



オブジェクト属性のリストア

Quest Recovery Manager for Active Directory

File Action View Window Help

Replication
Backup Agents
Storage
Hybrid Recovery
Computer Collections
New Computer Collection
Active Directory
Sessions
8/19/2022 1:09:34 AM - New C
8/19/2022 1:14:09 AM - New C
8/19/2022 1:34:27 AM - New C
8/19/2022 1:36:30 AM - New C
8/23/2022 6:47:05 AM - New C
8/23/2022 6:51:33 AM - New C
Backups
Active Directory
Bare Metal
AD LDS (ADAM)

DC
Q-00
Q-00

Online Restore Wizard

Operation Option
You can analyze comparison reports and proceed to restore.

Select this check box to proceed with restore. On the next step, the wizard will allow you to specify objects to be restored.

Proceed to restore

To view comparison report, click View Report.

View Report...

< Back Next > Cancel Help

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

View Reportを選択します。



オブジェクト属性のリストア

Report detailization: Show attributes and child objects

Object class: Any

Attribute class: Any

Child object class: Any

Object DN:

Object change: Any

Attribute change: Any

Child object state: Any

Modified by:

View Report

Number of processed objects: 1

Operation status: Completed successfully

This report provides information about: Added, deleted, and modified objects.
Added, deleted, and modified attributes.

Number of objects by type of change

Expand all | Collapse all

Object DN	Object class	Type of change	Modified by
CN=Testuser01,OU=UserOU,DC=source001d,DC=co User	User	Modified	

Attribute name	Type of change	Old value	New value	Modified by
Office Location	Modified	東京	北海道	

このレポートでは、現在のオブジェクト属性とバックアップのオブジェクト属性を比較できます。Xでクローズします。

オブジェクト属性のリストア

Quest Recovery Manager for Active Directory

File Action View Window Help

DC

Q-00
Q-00

Online Restore Wizard

Operation Option
You can analyze comparison reports and proceed to restore.

Select this check box to proceed with restore. On the next step, the wizard will allow you to specify objects to be restored.

Proceed to restore

To view comparison report, click View Report.

View Report...

< Back Next > Cancel Help

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

Proceed to restoreを選び、Nextを選択します。

オブジェクト属性のリストア

Quest Recovery Manager for Active Directory

File Action View Window Help

Recovery Manager for Active Director

- Replication
- Backup Agents
- Storage
- Hybrid Recovery
- Computer Collections
 - New Computer Collection
- Active Directory
- Sessions
 - 8/19/2022 1:09:34 AM - New C
 - 8/19/2022 1:14:09 AM - New C
 - 8/19/2022 1:34:27 AM - New C
 - 8/19/2022 1:36:30 AM - New C
 - 8/23/2022 6:47:05 AM - New C
 - 8/23/2022 6:51:33 AM - New C
- Backups
 - Active Directory
 - Bare Metal
 - AD LDS (ADAM)

Online Restore Wizard

Objects to Be Restored

You can select objects to be restored. The list only includes objects whose state in AD differs from that in backup.

Objects: Show deleted and changed objects

Name
<input checked="" type="checkbox"/> CN=Testuser01,OU=UserOU,DC=source001d,DC=com

Properties... Select All Clear All

< Back Next > Cancel Help

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

Nextを選択します。



オブジェクト属性のリストア

Quest Recovery Manager for Active Directory

File Action View Window Help

DC

Online Restore Wizard

Where to Restore Deleted Objects
Specify a container where to restore deleted objects

Restore deleted objects to their original containers (default)

Specify a destination container for restoration of deleted objects

Active Directory container where to restore deleted objects:

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

Nextを選択します。



オブジェクト属性のリストア

Quest Recovery Manager for Active Directory

File Action View Window Help

DC

Online Restore Wizard

Processing Options
Specify whether to process the objects' child objects, and select the objects' attributes to be processed.

Child objects processing _____

Process no child objects

Process all child objects

Process child objects of selected types

Attribute-level processing _____

Process all attributes

Process selected attributes

< Back Next > Cancel Help

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

Nextを選択します。



オブジェクト属性のリストア

Quest Recovery Manager for Active Directory

File Action View Window Help

Recovery Manager for Active Director

- Replication
- Backup Agents
- Storage
- Hybrid Recovery
- Computer Collections
 - New Computer Collection
- Active Directory
- Sessions
 - 8/19/2022 1:09:34 AM - New C
 - 8/19/2022 1:14:09 AM - New C
 - 8/19/2022 1:34:27 AM - New C
 - 8/19/2022 1:36:30 AM - New C
 - 8/23/2022 6:47:05 AM - New C
 - 8/23/2022 6:51:33 AM - New C
- Backups
 - Active Directory
 - Bare Metal
 - AD LDS (ADAM)

DC

Q-00

Q-00

Online Restore Wizard

Additional Options
Specify additional reporting and integration options.

Generate report

- Report changed objects only
- Report changed attributes only

Change Auditor (CA)

- Include Change Auditor "Who" data in reports
- Include subsequent changes from CA on deleted objects

Database:

Account used to access CA database:
SOURCE001D\mpmadmin

< Back Next > Cancel Help

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

Nextを選択します。



オブジェクト属性のリストア

Quest Recovery Manager for Active Directory

File Action View Window Help

Recovery Manager for Active Director

- Replication
- Backup Agents
- Storage
- Hybrid Recovery
- Computer Collections
 - New Computer Collection
- Active Directory
- Sessions
 - 8/19/2022 1:09:34 AM - New C
 - 8/19/2022 1:14:09 AM - New C
 - 8/19/2022 1:34:27 AM - New C
 - 8/19/2022 1:36:30 AM - New C
 - 8/23/2022 6:47:05 AM - New C
 - 8/23/2022 6:51:33 AM - New C
- Backups
 - Active Directory
 - Bare Metal
 - AD LDS (ADAM)

DC

Q-00

Q-00

Online Restore Wizard

Operation Start

The wizard is ready to start the operation. You can review the settings you have specified.

Backup: C:\ProgramData\Quest\Recovery Manager for Active Directory\Backups\Q-0020
Created: 8/23/2022 at 6:52:05 AM
Target DC: Q-0020.source001d.com

Processing Options:
Agentless access to domain controller
Process all child objects
Process all attributes

Reporting Options:
Log information only about changed objects: Yes

Process the following Active Directory objects:

To start the operation, click Next.
To change the wizard settings, click Back.

< Back Next > Cancel Help

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

Nextを選択します。



オブジェクト属性のリストア

Quest Recovery Manager for Active Directory

File Action View Window Help

Recovery Manager for Active Director

- Replication
- Backup Agents
- Storage
- Hybrid Recovery
- Computer Collections
 - New Computer Collection
- Active Directory
- Sessions
 - 8/19/2022 1:09:34 AM - New C
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 - 8/19/2022 1:36:30 AM - New C
 - 8/23/2022 6:47:05 AM - New C
 - 8/23/2022 6:51:33 AM - New C
- Backups
 - Active Directory
 - Bare Metal
 - AD LDS (ADAM)

DC

Q-00

Q-00

Online Restore Wizard

Operation Progress

Wait while the wizard performs the operation. When the operation is completed, click Next.

Recovery Manager for Active Directory

The Online Restore Wizard has changed some objects on the target DC. To propagate the changes to the other DCs, you may have the wizard force incremental replication. Incremental replication only transfers changes that occurred since the last replication. If you click No, replication will run based on its normal schedule.

Do you want the wizard to force incremental replication now?

Yes No Help

< Back Next > Cancel Help

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

Yesを選択します。



オブジェクト属性のリストア

Quest Recovery Manager for Active Directory

File Action View Window Help

Recovery Manager for Active Director

- Replication
- Backup Agents
- Storage
- Hybrid Recovery
- Computer Collections
 - New Computer Collection
- Active Directory
- Sessions
 - 8/19/2022 1:09:34 AM - New C
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 - 8/23/2022 6:51:33 AM - New C
- Backups
 - Active Directory
 - Bare Metal
 - AD LDS (ADAM)

DC

Q-00

Q-00

Online Restore Wizard

Operation Progress

Wait while the wizard performs the operation. When the operation is completed, click Next.

Target: Q-0020.source001d.com

Status: The wizard has restored the objects.

Processing:

Progress:

Objects total: 1 Errors occurred: 0

Restored objects: 1 [Export errors...](#)

< Back Next > Cancel Help

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

Nextを選択します。



オブジェクト属性のリストア

Quest Recovery Manager for Active Directory

File Action View Window Help

DC

Online Restore Wizard

Operation Results
You can view the restore results report created by the wizard.

To view restoration report, click View Report.

View Report...

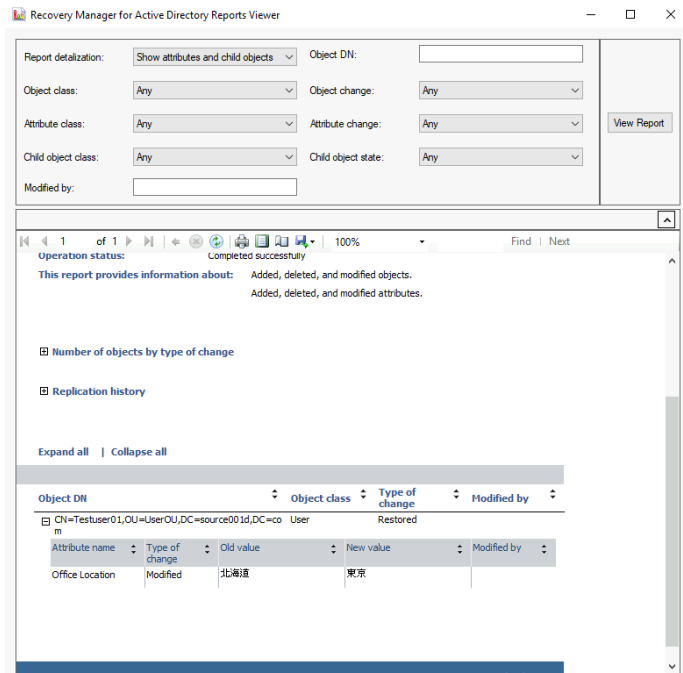
< Back Next > Cancel Help

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

View Reportを選択します。



オブジェクト属性のリストア



リストア後のオブジェクトの変更属性を確認できます。Xでクローズします。

オブジェクト属性のリストア

Quest Recovery Manager for Active Directory

File Action View Window Help

Recovery Manager for Active Director

- Replication
- Backup Agents
- Storage
- Hybrid Recovery
- Computer Collections
 - New Computer Collection
- Active Directory
- Sessions
 - 8/19/2022 1:09:34 AM - New C
 - 8/19/2022 1:14:09 AM - New C
 - 8/19/2022 1:34:27 AM - New C
 - 8/19/2022 1:36:30 AM - New C
 - 8/23/2022 6:47:05 AM - New C
 - 8/23/2022 6:51:33 AM - New C
- Backups
 - Active Directory
 - Bare Metal
 - AD LDS (ADAM)

DC

Q-00

Q-00

Online Restore Wizard

Operation Results

You can view the restore results report created by the wizard.

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

To view restoration report, click View Report.

View Report...

< Back Next > Cancel Help

Nextを選択します。



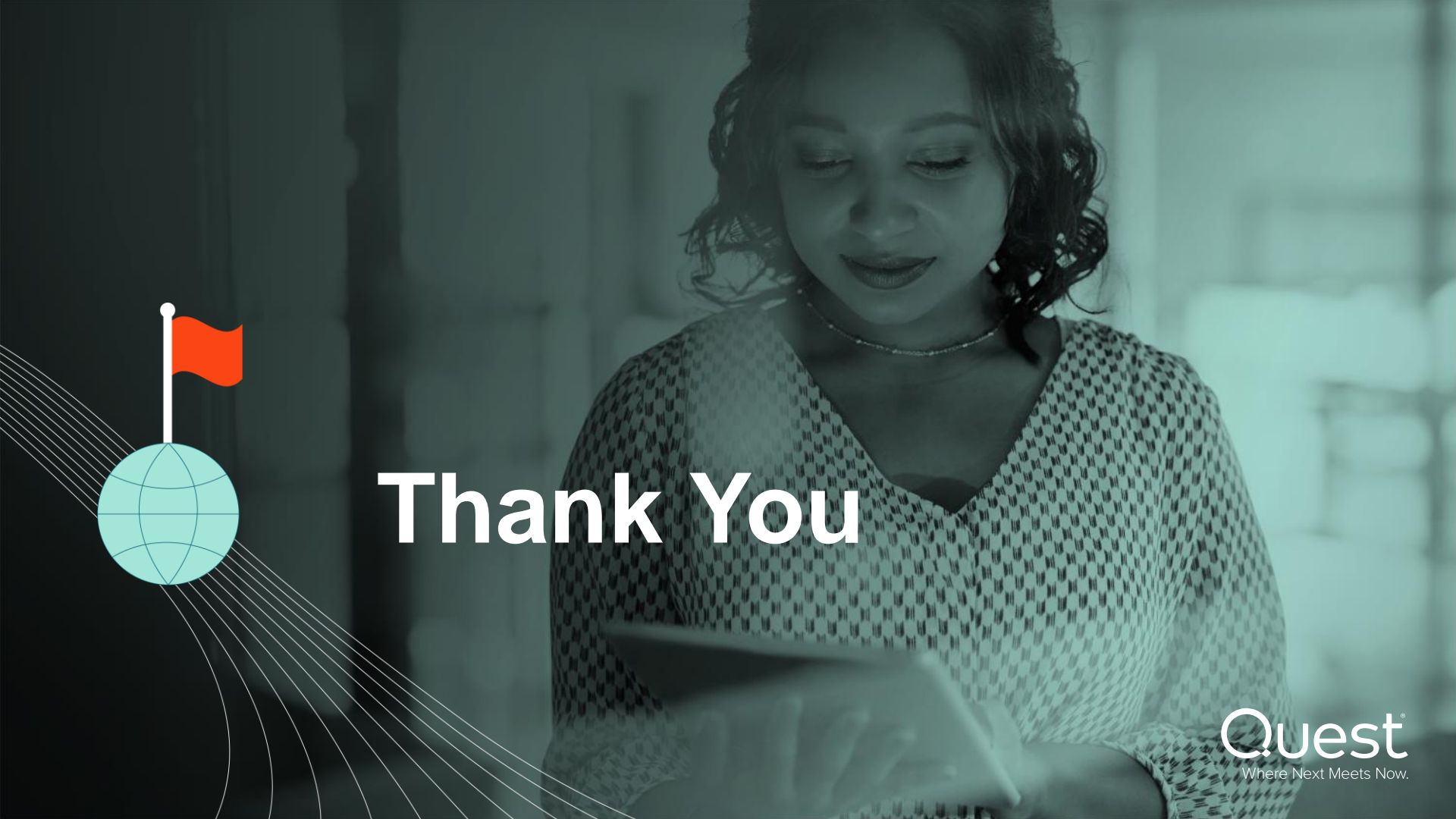
オブジェクト属性のリストア

The screenshot shows the Quest Recovery Manager for Active Directory interface. On the left is a tree view with categories like Replication, Backup Agents, Storage, Hybrid Recovery, Computer Collections, Active Directory, Sessions, and Backups. The 'Sessions' folder is expanded, showing several sessions with timestamps and names like 'New C...'. The 'Backups' folder is also expanded, showing 'Active Directory', 'Bare Metal', and 'AD LDS (ADAM)'. In the center, a dialog box titled 'Online Restore Wizard' is open, displaying a blue background with a book icon and the text: 'Completing the Online Restore Wizard. You have completed the Online Restore Wizard. To restore or compare further objects, click Back. To close the wizard, click Finish.' Below the text are four buttons: '< Back', 'Finish', 'Cancel', and 'Help'. On the right side of the wizard, there is a table with the following data:

Age	Collection	OS Version	Source Con
0 hour(s)	New Co...	Windows...	
0 hour(s)	New Co...	Windows...	

Finishを選択します。





Thank You

Quest
Where Next Meets Now.