

Quest[®] Identity Recovery for Active Directory

Release Notes

May 14, 2026

These release notes provide information about Identity Recovery for Active Directory deployments.

Topics:

- [Release History](#)
- [Incident response management](#)
- [System requirements](#)
- [Product licensing](#)
- [More resources](#)
- [Third-party contributions](#)
- [About us](#)

About Quest Identity Recovery for Active Directory

Identity Recovery for Active Directory offers off-network abilities to manage on-premises domain controllers, including Active Directory® backups and restore operations, in the case of a disaster. It is essential for any modern business have uninterrupted network and computer systems, which are essential for business continuity.

Unforeseen outages, like directory service failures, can significantly disrupt operations. To mitigate such risks, critical infrastructure must be designed for swift recovery from failures.

Identity Recovery for Active Directory leverages advanced technologies to minimize downtime resulting from Active Directory corruption or accidental modifications. This solution automates backups and enables rapid, remote recovery of data stores in Active Directory, dramatically reducing restoration time.

Identity Recovery for Active Directory allows you to perform the following operations:

- Configure and manage backups using Backup Plans.
- Store Active Directory backups in Quest Azure tenant.
- Configure and manage recovery of an Active Directory forest.
- Restore Active Directory using Clean OS method, allowing you to restore the entire forest or any of its parts on a freshly installed Windows machine.
- Schedule backup of domain controllers based on business needs
- Verify recovery configurations to validate your disaster Recovery Plan

! **CAUTION:** Microsoft Entra is a dynamic and rapidly evolving platform, which means its APIs may be updated or changed with limited notice. These ongoing changes may occasionally impact features in Identity Recovery for Active Directory. When possible, Quest aims to provide timely notification to customers in cases of such impact. For the latest updates on Entra ID APIs, refer to the [Microsoft Entra ID documentation](#) and [Microsoft Graph Changelog](#).

Release History

The following lists the new features, enhancements, and resolved issues by deployment.

Current Deployment

Release: May 14, 2026

Enhancement	Issue ID (ADO)
Notification templates for email notifications now include forest topology events, including new topology discovery and topology updates.	ADO-550691

Previous Deployments

Release: April 14, 2026

Enhancement	Issue ID (ADO)
<ul style="list-style-type: none"> • On Demand is renamed to Security Management Platform. • Disaster Recovery for Identity for Active Directory is renamed to Identity Recovery for Active Directory and is now part of Identity Recovery. Other updated UI labels include consents now under Identity Recovery, role names prefixed with Identity Recovery, and permissions grouped under Identity Recovery for AD. 	ADO-618446

Release: March 17, 2026

New Feature	Issue ID (ADO)
<p>When creating Recovery Plans, you can now choose one of two recovery scenarios. Prepare for a future recovery configures the plan to use the forest topology discovered when the plan was created and the latest available backups. Run recovery using a specific date configures the plan to use the most recent topology and backups on or before a selected date and time. You can modify this setting on the Settings tab of the Recovery Plan configuration.</p>	ADO-529767 ADO-590631
Enhancement	Issue ID (ADO)
<p>The domain controller (DC) agent now uses separate minimum supported version requirements for backup and recovery. On the Topology page, the DC agent statuses Outdated and Not Supported indicate when an agent is running an older or unsupported version for backup tasks. On the Domain Controllers tab of the Recovery Plan configuration, the same statuses apply to the agent for verification and recovery tasks.</p>	ADO-600988
<p>If a DC agent version is detected as Outdated or Not Supported when a Backup Plan runs, an email notification is sent to the Recovery Administrator and Recovery for AD Administrator once every 24 hours.</p>	ADO-602545
<p>The DC agent is updated to RMAD FE/DRE 10.4.0.47278. The minimum supported version for backup tasks is 10.3.2.46178; agents running older versions will show an Outdated status and need to be updated soon. The minimum supported version for verification and recovery tasks is 10.4.0.47278; agents running older versions will show a Not Supported status and will be automatically updated when you run verification or recovery.</p>	ADO-592326

Release: December 4, 2025

Enhancement	Issue ID (ADO)
<p>On the Domain Controllers tab of the Recovery Plan configuration, you can now edit the target server IP address directly in the table.</p>	ADO-508995
<p>On the Domain Controllers tab of the Recovery Plan configuration, you can now change the DC Recovery Method directly in the table.</p>	ADO-564327
<p>On the Domain Controllers tab of the Recovery Plan configuration, you can apply filter options to the list of domain controllers, including filtering those with errors or warnings. Filtering options are also available in progress view.</p>	ADO-564314
<p>On the Domains tab of the Recovery Plan configuration, you can now change the Domain Recovery Method directly in the table. You can also apply filter options to the list of domains, including</p>	ADO- 555898

Enhancement	Issue ID (ADO)
filtering those with errors or warnings.	
On the Topology page, the new column Last Backup Status shows the status and time of the most recent backup task.	ADO-563899
The minimum supported version of the DC Agent is updated to RMAD FE/DRE 10.3.2.46178.	ADO-592329
Release: November 12, 2025	
Resolved issue	Issue ID (ADO)
When using the Restore to Clean OS recovery method, the restore gets stuck at the operation "Restart domain controller in normal mode," resulting in a blue screen and making the target virtual machine non-functional.	ADO-590266
Release: November 4, 2025	
Enhancement	Issue ID (ADO)
Email notifications now display the date and time (in UTC) of events.	ADO- 576612
Resolved issue	Issue ID (ADO)
When filtering domain controllers by the In Backup Plans filter, the Topology page crashes.	ADO-587545
Release: October 16, 2025	
Enhancement	Issue ID (ADO)
Notification templates for email notifications now include completed and failed events for Recovery Plan verification and recovery.	ADO- 559555
The domain configuration is now displayed as a full-page view.	ADO-566918
Resolved issue	Issue ID (ADO)
SignalR connection is unstable when switching rapidly between screens and during cross-continent communication.	ADO-584116
Release: October 1, 2025	
New Feature	Issue ID (ADO)
You can now configure a Recovery Plan, along with all domains and domain controllers in the forest, in a centralized location. After	ADO-550106

New Feature	Issue ID (ADO)
creating a Recovery Plan on the Recovery tab, select Open on the tile to access the Recovery Plan configuration, where you can edit basic details on the General tab and configure domains and domain controllers on the Domains and Domain Controllers tabs, respectively. Monitor the progress of ongoing or recently completed verification and recovery tasks by selecting View Progress in the toolbar or on the Recovery Plan tile.	

Enhancement	Issue ID (ADO)
Notification templates for email notifications now include events for Backup Plan, Recovery Plan, and Forest.	ADO-550692
Notification banners for errors in the Recovery Plan configuration now include a link to the relevant tab where the issue needs to be resolved. If multiple issues exist, the banner includes a View Details link that opens the Recovery Plan Validation flyout, where you can review errors and warnings related to domain or domain controller configurations. Additionally, hovering over the warning icon next to a domain controller on the Domain Controller tab displays detailed error information.	ADO-561062
When verification or recovery tasks are in progress, or users do not have the required permission to manage and verify Recovery Plans, Recovery Plan configurations are displayed in read-only mode.	ADO-524082
When creating or editing a forest, the Use Secure LDAP (LDAPS) for Hybrid Agent Queries toggle allows you to choose whether Secure LDAP (LDAPS) is used for the hybrid agent when performing topology discovery queries. By default, this toggle is enabled if Secure LDAP is set during hybrid agent installation.	ADO-554911

Resolved issue	Issue ID (ADO)
If the Domain Controllers tab of the Recovery Plan configuration is open but users navigate away, a connection error message appears and persists even if connection is re-established.	ADO-581459
Changes to domain credentials cannot be saved unless the recovery method for the domain is also updated.	ADO-582724
Incorrect domain controller name is displayed when manually selecting a backup for the Install from Media (IFM) option.	ADO-582834
If the Ignore Healthy Domain recovery method is selected and domain credentials are provided, the Credentials column on the Domains tab displays Not Provided .	ADO-583750

Release: September 11, 2025

Feature	Issue ID (ADO)
When the plugin version is outdated, a tooltip on the Forest tile	ADO-522966

Feature	Issue ID (ADO)
under Hybrid Agent displays the latest available version and prompts you to restart the hybrid agent to force the update.	
A new button Manage Notifications in the toolbar on the Forests page navigates you to On Demand global settings, where you can manage email notification templates.	ADO-541863
When enabling a schedule for backups, the time is set using the UTC (Coordinated Universal Time) time zone. The corresponding local time is now displayed below the selected UTC time.	ADO- 551456
Validation for the IP address in the Target Server field on the DC Configuration page is enhanced to ensure the IP address is unique.	ADO- 574555

Resolved issue	Issue ID (ADO)
If no environment exists, navigating to another tab displays an empty state page with an option to add a new environment.	ADO-566241

Release: August 20, 2025

Feature	Issue ID (ADO)
Recovery Plans that restore specific domains (i.e., at least one domain is set to Ignore Healthy Domain) now automatically streamline the process of unhosting and rehosting global catalog partitions, speeding up overall recovery.	ADO- 571302
The Override domain-level credentials checkbox is removed from the Server Access Credentials section of the domain controller configuration. You can now directly override inherited domain-level credentials by entering one or more credentials for the domain controller.	ADO-574735

Release: July 24, 2025

Feature	Issue ID (ADO)
Revised UI terminology by renaming the Environments tab to Forests and updating related UI labels from 'environment' to 'forest' to align with Active Directory terminology.	ADO-565083
You can now manage email notifications by configuring notification templates in On Demand Global Settings (Settings Notifications). For a list of the available notification templates, see the user guide.	ADO-554178
Failed Backup Plans for scheduled backups generate notification emails even if the environment is offline.	ADO-566989

Resolved issue	Issue ID (ADO)
Upgrade of the JRS Plugin does not complete and requires that the agent service is manually restarted.	ADO-551429

Release: July 9, 2025

Feature	Issue ID (ADO)
The Forest Summary on the Topology tab includes two new columns: FSMO Role , which displays a badge for each FSMO role assigned to the domain controller, and Type , which shows the domain controller type (GC, DC, or RODC).	ADO-531981
When manually selecting a backup in the Select Backup flyout, you can now specify a date range to filter backups by their creation date.	ADO-444246
Information about agent installation progress is now displayed on the Tasks page.	ADO-522639
The minimum supported version of the DC Agent is updated to 10.3.2.45365 (RMAD 10.3.2 Hotfix 1).	ADO-556035
The action bar on the Topology page is enhanced with an option to edit columns. Additionally, agent-related options can now be accessed through the new DC Agent button.	ADO-562889
The domain recovery method Recover Damaged Domain is renamed to Recover Domain . Descriptions of recovery methods on the user interface are enhanced for clarity.	ADO-565087

Resolved issue	Issue ID (ADO)
Applying a date filter to the Events or Tasks table and refreshing the page causes the application to crash.	ADO-566237
When a Recovery Plan is added and saved with default settings, the summary above the action bar displays the status Ready .	ADO-566677
After starting an installation task on a domain controller, you are able to start another installation task on the same domain controller.	ADO-566882
Actions on the Operations page, such as Skip and Continue or Cancel , can be performed without the required permissions. Permissions are now required for all actions.	ADO-567947

Release: June 26, 2025

Feature	Issue ID (ADO)
You can now view environments in read-only mode. This allows you to review environment details even when operations are in progress for the environment or if you do not have permission to edit the environment.	ADO-525113
You can now view Backup Plans in read-only mode. This allows	ADO-541869

Feature	Issue ID (ADO)
you to review Backup Plan details even when a Backup Plan is running or if you do not have permission to edit Backup Plans.	
You can now selectively override one or more domain-level credentials for a domain controller by selecting the Override domain-level credentials checkbox in the configuration and entering the desired credentials. When default domain-level credentials apply, the credential set is marked with a badge labeled Inherited credentials .	ADO-530835
When creating a Recovery Plan, a new column Backup Coverage in the Domains table shows the number of domain controllers (DCs) that have backups matching the selected backup criteria out of the total number of DCs in the domain.	ADO-556720
Resolved issue	Issue ID (ADO)
Domain controller IP addresses are persistently stored during topology discovery. Recovery Plans use these pre-resolved IP addresses to access domain controllers even when they are not reachable by FQDN.	ADO-499767
When using the Ignore Healthy Domain and Adjust to Active Directory Changes recovery methods, only domain credentials (set in the domain or domain controller configuration) are required.	ADO- 558580
Release: June 11, 2025	
Feature	Issue ID (ADO)
Added the option to enable Install From Media for the Install Active Directory recovery method, providing the ability to pre-populate Active Directory and Sysvol with data from a selected backup.	ADO-550966
Support for the deletion of domains during recovery. One of the following recovery methods can be specified for each domain: Recover Damaged Domain, Ignore Healthy Domain, or Delete Domain .	ADO-519109
i IMPORTANT: Recovery Plans created before this feature release will become invalid and must be updated.	
Names for Backup Plan and Recovery Plan within an environment must be unique. If a duplicate name is entered for either, an error is displayed.	ADO-510803
Backup plans are now sorted by date created, with the most recent at the top of the list.	ADO-515795
Added validation of backup availability. If no backup exists when starting verification or recovery, the operation does not start and an error is displayed.	ADO-519091
Added Recovery Plan validation. If the IP address for the target server is not specified for the domain controller when starting recovery, the recovery does not start and an error is displayed.	ADO-519906

Feature	Issue ID (ADO)
On the Topology page, enabled searching for domain controllers and filtering by domain, DC agent status, or Backup Plan.	ADO-522453
Added a badge on the Operations page that displays the number of canceled operations for the domain controller.	ADO-531908
When selecting domain controllers to back up, enabled filtering the list of domain controllers by domain, site, DC agent status, or Backup Plan.	ADO-546462
Support of LDAPS queries in topology discovery. Users can enable LDAPS for the hybrid agent during installation or post-installation.	ADO-550094

Resolved issue	Issue ID (ADO)
In the Status column on the Recovery Plan details page, the text length of entries are limited regardless of the cell width.	ADO-561377

Release: April 17, 2025

Feature	Issue ID (ADO)
Copy button added to Events and Tasks screens to allow copying event and task descriptions to the clipboard.	ADO-550064
Domain controller agent updated to version 10.3.2.44604.	ADO-546342

Release: March 26, 2025

Feature	Issue ID (ADO)
Improvements to services to support stateless allowing for deployment and updates to Identity Recovery for Active Directory to be completed without stopping ongoing backup, verification and recovery operations.	ADO-520301
Updates to Environment tile to improve user onboarding and product understanding, including removal of DC Agent section from tile and updates to About Agents.	ADO-524845
OWASP ASVS V5.5, V5.19, V5.20, V5.21, V18.4: Enhanced server validation of inputs	ADO-525649
Deployment to Australian and Canadian regions. Identity Recovery for Active Directory now supports the following regions: Australia, Canada, EU, UK and US.	ADO-530535
Show notification when verification or recovery is running and hybrid agent goes offline.	ADO-535753
Domain controller agent updated to version 10.3.2.44484.	ADO-544324

Release: March 13, 2025

Feature	Issue ID (ADO)
Limit domain controllers that can be backed up by domain. Limit domain controllers that can be backed up by Backup Plans per domain. A maximum of 10 domain controllers per domain can be included in Backup Plans.	ADO-523055
Display Total Elapsed Time on Tasks.	ADO-531124
Compatibility with Recovery Manager for Active Directory Forest/Disaster Recovery Edition (RMAD FE/DRE): Domain controller agent version checking for installation of DRI AD and RMAD FE/DRE in the same Active Directory environment. RMAD FE/DRE 10.3.2 or later is required. It is recommended to install the DRI AD hybrid agent on the same machine as RMAD Forest Recovery Console.	ADO-540986
New detail panel RMAD Compatibility to view guidance information for usage of DRI for AD and RMAD in the same Active Directory environment.	ADO-541695
Proper handling of ODRAD and RMAD communication certificates and error messages when mismatches are found. (Certificate Handling between Blob Storage and Plugin). Information available by clicking on RMAD Compatibility on the Environment tab.	ADO-546318

Release: March 04, 2025

Feature	Issue ID (ADO)
Add clarification about DC agent and hybrid agent on the Create/Edit Environment page	ADO-524870
Backup name format in Selected Backup dropdown is the same as on Backups list	ADO-532002
"Hybrid agent is offline or unavailable" notification should disappear	ADO-546318

Release: February 12, 2025

Feature	Issue ID (ADO)
Support of 'Install Active Directory' method'	ADO-379572
Display time of the last discovery on the Topology tab	ADO-504703
Ability to see when the hybrid agent is offline	ADO-517362
Download DC Agent from the Topology tab	ADO-526146
Display the total elapsed time from the Tasks tab	ADO-531124
Increase retention period for backups to 180 days	ADO-535313

Release: January 10, 2025

Feature	Issue ID (ADO)
First deployment of Identity Recovery for Active Directory.	N/A

Incident response management

Quest Operations and Quest Support have procedures in place to monitor the health of the system and ensure any degradation of the service is promptly identified and resolved. Security Management Platform relies on Azure and AWS infrastructure and as such, is subject to the possible disruption of these services.

You can view the following status pages:

- Quest Security Management Platform services: <https://status.quest-on-demand.com/>
- Azure Services: <https://azure.microsoft.com/en-ca/status/>
- AWS Services: <https://status.aws.amazon.com/>

System requirements

The following web browsers are supported with Security Management Platform:

- Microsoft Edge
- Google Chrome (latest version)
- Mozilla Firefox (latest version)

Hybrid agent requirements

- A standalone or domain-joined server (standalone server is highly recommended).
- Ensure that the hybrid agent server has a stable internet connection and uses a DNS server that is not affected by a forest failure.
- A service account used to run the hybrid agent must be a local administrator account on the computer where the hybrid agent is installed.
- The domain FQDN\username should at least have forest-wide read permissions.

Domain Controller Agent requirements

- A service account used to run the domain controller agent is always a Local System account.
- An account used to install the domain controller agent remotely must be a member of the Local Administrators group.
- The minimum supported version for the domain controller agent is 10.3.2.44484.

Endpoint requirements

Hybrid agent requirements

The hybrid agent must be able to access the following endpoints associated with the region where your Security Management Platform organization resides.

TCP Port	Direction	Endpoints	Description
389	Outbound	Domain Controllers	LDAP port to domain controllers to discover environment.
445	Outbound	Domain Controllers	SMB port to domain controllers to install domain controller agents.
443	Outbound	<p>AU odjrs-auprod-au-iothub.azure-devices.net https://odjrсаuprodaugssto.blob.core.windows.net https://odjrсаuprodausto.blob.core.windows.net</p> <p>CA odjrs-caprod-ca-iothub.azure-devices.net https://odjrscaprodcagrssto.blob.core.windows.net https://odjrscaprodcasto.blob.core.windows.net</p> <p>EU odjrs-euprod-eu-iothub.azure-devices.net https://odjrseuprodeugrssto.blob.core.windows.net https://odjrseuprodeusto.blob.core.windows.net</p> <p>UK odjrs-ukprod-uk-iothub.azure-devices.net https://odjrѕukprodukgrssto.blob.core.windows.net https://odjrѕukproduksto.blob.core.windows.net</p> <p>US odjrs-usprod-us-iothub.azure-devices.net https://odjrѕusprodusgrssto.blob.core.windows.net https://odjrѕusprodussto.blob.core.windows.net</p>	Agent connection to Identity Recovery for Active Directory backend services (see Security Management Platform Global Settings User Guide for more)
80	Outbound	<p>AU odjrсаuprodaiotinst- odjrсаuprodaiotacct.b.nlu.dl.adu.microsoft.com</p> <p>CA odjrscaprodcaiotinst- odjrscaprodcaiotacct.b.nlu.dl.adu.microsoft.com</p> <p>EU odjrseuprodeuiotinst- odjrseuprodeuiotacct.b.nlu.dl.adu.microsoft.com</p>	Agent connection to Identity Recovery for Active Directory backend services (see Security Management Platform Global Settings User Guide for more)

TCP Port	Direction	Endpoints	Description
		UK odjrsukprodukiotinst-- odjrsukprodukiotacct.b.nlu.dl.adu.microsoft.com	
		US odjrsusprodusiotinst-- odjrsusprodusiotacct.b.nlu.dl.adu.microsoft.com	

Domain controller agent requirements

The domain controller agent must be able to access the following endpoints associated with the region where your Security Management Platform organization resides.

TCP Port	Direction	Endpoints	Description
445	Inbound		SMB port to allow automatic agent installation.
135	Inbound		RPC Endpoint Mapper port used by the RPC runtime.
49152-65535	Inbound		RPC dynamic port range to accept RPC connection from hybrid agent.
443 or proxy server port	Outbound	AU https://odradprodausa.blob.core.windows.net	Download and upload backups from Azure Blob Storage accounts.
		CA https://odradprodcasa.blob.core.windows.net	
		EU https://odradprodeusa.blob.core.windows.net	
		UK https://odradproduksa.blob.core.windows.net	
		US https://odradprodussa.blob.core.windows.net	

Product licensing

Security Management Platform is a Software as a Service (SaaS) application where application software is hosted in the cloud and made available to users through quest-on-demand.com.

Use of this software is governed by the Software Transaction Agreement found at www.quest.com/legal/sta.aspx and the SaaS Addendum at www.quest.com/legal/saas-addendum.aspx. This software does not require an activation or license key to operate.

To obtain a trial license with an Entra ID account

1. Go to <https://quest-on-demand.com/>.
2. Select **Sign in with Microsoft** and select the desired account.
3. You can either use an existing organization or create a new organization:
 - a. To use an existing organization, select the desired organization you wish to use.
 - b. To create a new organization, select **Create New Organization** in the top right corner, enter the organization name and select **Create Organization**.
4. To view your organization details and copy your organization ID, from the left navigation bar, select **Settings | Organization**. Provide these organization details to your account manager. A trial subscription will then be created on your behalf.

More resources

Additional information is available from the following:

- [Identity Recovery product documentation](#)
- [Quest On Demand community](#)
- [Product trials and subscriptions](#)

Third-party contributions

i | **NOTE:** For third-party contributions specific to Security Management Platform Global Settings, see [Security Management Platform Global Settings Release Notes](#).

This product contains the following third-party components. For third-party license information, go to <https://www.quest.com/legal/license-agreements.aspx>. Source code for components marked with an asterisk (*) is available at <https://opensource.quest.com>.

Table 1: List of Third-Party Contributions

Component	License or Acknowledgment
@angular/animations 15.2.10	MIT N/A
@angular/cdk 15.2.9	MIT N/A
@angular/common 15.2.10	MIT N/A
@angular/core 15.2.10	MIT N/A

Component	License or Acknowledgment
@angular/forms 15.2.10	MIT N/A
@angular/material 15.2.9	MIT N/A
@angular/platform-browser 15.2.10	MIT N/A
@angular/platform-browser-dynamic 15.2.10	MIT N/A
@angular/router 15.2.10	MIT N/A
@angular/signalr 8.0.17	MIT N/A
@angular/upgrade 15.2.10	MIT 1.0 Copyright (c) 2010-2025 Google LLC.
@apollo/client 3.7.17	MIT Template 2020 Copyright (c) 2022 Apollo Graph, Inc. (Formerly Meteor Development Group, Inc.)
@azure/msal-angular 2.5.13	MIT N/A
@azure/msal-browser 2.39.0	MIT N/A
@ngrx/effects 15.4.0	MIT N/A
@ngrx/entity 15.4.0	MIT N/A
@ngrx/router-store 15.4.0	MIT Template 2020 Copyright (c) 2017-2023 Brandon Roberts, Mike Ryan, Victor Savkin, Rob Wormald
@swimlane/ngx-datatable 20.1.0	MIT N/A
ag-grid-angular 31.3.4	MIT N/A
ag-grid-community 31.3.4	MIT N/A
angular2-hotkeys 2.3.1	MIT N/A
angular2-materlize 10.0.0	MIT N/A
apollo-angular 4.2.1	MIT Template 2020 Copyright (c) 2015 - 2020 Kamil Kisiela
apollo-upload-client 14.1.3	MIT N/A
Asp.Versioning.Http 8.1.0	MIT Template 2020 Copyright (c) .NET Foundation and contributors. All rights reserved.
Asp.Versioning.Mvc.ApiExplorer 8.1.0	MIT Template 2020 Copyright (c) .NET Foundation and contributors. All rights reserved.
AutoBogus 2.13.1	MIT N/A

Component	License or Acknowledgment
Azure.Data.Tables 12.8.3	MIT N/A
Azure.Identity 1.17.0	MIT Template 2020 Copyright (c) Microsoft Corporation.
Azure.Messaging.EventGrid 5.0.0	MIT 1.0 Copyright (c) Microsoft Corporation. All rights reserved.
Azure.Messaging.Eventhubs 5.12.2	MIT N/A
Azure.Messaging.ServiceBus 7.20.1	MIT Template 2020 Copyright (c) Microsoft Corporation. All rights reserved.
Azure.ResourceManager.Authorization 1.1.6	MIT Template 2020 Copyright (c) Microsoft Corporation. All rights reserved.
Azure.ResourceManager.Compute 1.9.0	MIT Template 2020 Copyright (c) Microsoft Corporation. All rights reserved.
Azure.ResourceManager.Network 1.11.0	MIT N/A
Azure.ResourceManager.Storage 1.2.3	MIT 1.0 Copyright (c) Microsoft Corporation.
Azure.Storage.Blobs 12.20.0	MIT Template 2020 Copyright (c) Microsoft Corporation.
Azure.Storage.Common 12.19.0	MIT Template 2020 Copyright (c) Microsoft Corporation.
Bogus 35.6.5	MIT Copyright (c) 2015 Brian Chavez BSD 3-Clause License Copyright (c) 2013-2017 Sascha Droste
chart.js 2.9.4	MIT 1.0 Copyright (c) 2018 Chart.js Contributors
core-js 2.5.1	MIT N/A
coverlet.collector 6.0.4	MIT Template 2020 Copyright (c) 2018 Toni Solarin-Sodara
CronExpressionDescriptor 2.44.0	MIT N/A
dayjs 1.11.18	MIT Template 2020

Component	License or Acknowledgment
	Copyright (c) 2018-present, iamkun
dragula 3.7.2	MIT N/A Copyright © 2015-2016 Nicolas Bevacqua
ExpressionTreeToString 3.4.71	MIT 1.0 Copyright (c) 2019 Zev Spitz
filesize 10.1.6	BSD 3-Clause Template 2020 Copyright (c) 2025, Jason Mulligan All rights reserved.
hammerjs 2.0.8	MIT N/A
ipaddr.js 2.2.0	MIT Template 2020 Copyright 2011-2017 whitequark
jQuery 2.2.4	MIT N/A
jwt-decode 2.2.0	MIT Template 2020
lodash.isequal 4.5.0	MIT N/A
lodash.ismatch 4.4.0	MIT 1.0 Copyright OpenJS Foundation and other contributors
Microsoft.ApplicationInsights 2.23.0	MIT Template 2020 Copyright (c) Microsoft Corporation.
Microsoft.ApplicationInsights.AspNetCore 2.23.0	MIT Template 2020 Copyright (c) Microsoft Corporation.
Microsoft.ApplicationInsights.WorkerService 2.23.0	MIT N/A
Microsoft.AspNetCore.Authentication.JwtBearer 8.0.21	MIT Template 2020 Copyright (c) Microsoft Corporation.
Microsoft.Azure.AppConfiguration.AspNetCore 8.4.0	MIT Template 2020 Copyright (c) Microsoft Corporation.
Microsoft.Azure.Functions.Worker 2.0.0	MIT N/A Copyright (c) Microsoft Corporation.
Microsoft.Azure.Functions.Worker.ApplicationInsights 2.0.0	MIT 1.0 Copyright (c) Microsoft Corporation.
Microsoft.Azure.Functions.Worker.Extensions.Http 3.2.0	MIT N/A
Microsoft.Azure.Functions.Worker.Extensions.Http.AspNetCore 2.0.0	MIT 1.0 Copyright (c) Microsoft Corporation.

Component	License or Acknowledgment
Microsoft.Azure.Functions.Worker.Sdk 2.0.0	MIT N/A
Microsoft.Azure.SignalR 1.25.2	MIT Template 2020 Copyright (c) Microsoft Corporation.
Microsoft.Data.SqlClient 5.2.1	MIT Template 2020 Copyright (c) Microsoft Corporation.
Microsoft.EntityFrameworkCore.Design 8.0.10	MIT Template 2020 Copyright (c) Microsoft Corporation.
Microsoft.EntityFrameworkCore.Sqlite 8.0.10	MIT Template 2020 Copyright (c) Microsoft Corporation.
Microsoft.EntityFrameworkCore.SqlServer 8.0.10	MIT Template 2020 © Microsoft Corporation. All rights reserved.
Microsoft.EntityFrameworkCore.Tools 8.0.10	MIT Template 2020 Copyright (c) Microsoft Corporation.
Microsoft.Extensions.Azure 1.13.0	MIT Template 2020 Copyright (c) Microsoft Corporation.
Microsoft.Extensions.Caching.Memory 8.0.1	MIT Template 2020 Copyright (c) Microsoft Corporation.
Microsoft.Extensions.Configuration.AzureAppConfiguration 8.4.0	MIT Template 2020 Copyright (c) Microsoft Corporation.
Microsoft.Extensions.DependencyInjection 10.0.0	MIT Template 2020 Copyright (c) Microsoft Corporation.
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NetEscapades.EnumGenerators 1.0.0-beta12	MIT 1.0 Copyright © AndrewLock
Newtonsoft.Json 13.0.4	MIT Template 2020 Copyright (c) 2007 James Newton-King
ng2-charts 2.3.3	MIT N/A
ng2-dragula 2.1.1	MIT N/A
ng-click-outside 6.0.0	MIT N/A
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Serilog.Enrichers.CorrelationId 3.0.1	MIT N/A
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StackExchange.Redis 2.7.33	MIT Template 2020 Copyright (c) 2014 Stack Exchange
svgxuse 1.2.6	MIT N/A
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System.ServiceProcess.ServiceController 8.0.0	MIT Template 2020 Copyright (c) .NET Foundation and Contributors. All rights reserved.
System.Text.Json 10.0.0	MIT Template 2020 Copyright (c) .NET Foundation and Contributors. All rights reserved.
System.Text.RegularExpressions 4.3.1	MIT N/A
System.Threading.Tasks.Dataflow 10.0.0	MIT N/A
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ts-retry-promise 0.8.1	MIT N/A
zone.js 0.11.8	MIT Template 2020 Copyright (c) 2016-2018 Google, Inc.

Domain Controller Agent

Identity Recovery for Active Directory also contains a list of third-party components for the domain controller (DC) agent. For third-party license information, go to <https://www.quest.com/legal/license-agreements.aspx>.

Table 2: List of Third-Party Components for Domain Controller Agent

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7-ZIP 19.00	7Zip 19.0 Copyright 1999-2019 Igor Pavlov Copyright 2015-2016 Apple Inc. All rights reserved.
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AWSSDK.Core 3.7.9.2	Apache 2.0
AWSSDK.S3 3.7.8.12	Apache 2.0

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Azure.Core 1.45.0	MIT Template 2020
Azure.Core.Amqp 1.3.1	MIT Template 2020 Licensed under MIT License terms can be found at: https://index.whitesourcesoftware.com/gri/app/reader/resource/content/asString/052119a4-a5c8-481e-b50f-3f3727c0385d Copyright Microsoft Corporation
Azure.Messaging.ServiceBus 7.18.4	MIT Template 2020
Azure.Storage.Blobs 12.23.0	MIT Template 2020
Azure.Storage.Common 12.22.0	MIT Template 2020
Boost 1.72.0	Boost 1.0
EntityFramework 6.4.4	Apache 2.0
Fody 4.2.1	MIT N/A
FontAwesome.WPF 4.7.0.9	MIT N/A
Group Controls 1.8	Apache 2.0 Copyright Notice - Group Controls 1.5.3
Microsoft .Net Framework 4.8	Microsoft .Net Framework 4.8
Microsoft.Azure.Amqp 2.6.9	MIT Template 2020
Microsoft.Bcl.AsyncInterfaces 9.0.2	MIT Template 2020
Microsoft.Dism 2.0.20	MIT N/A
Microsoft.Extensions.DependencyInjection.Abstractions 9.0.2	MIT Template 2020
Microsoft.Extensions.Logging.Abstractions 9.0.2	MIT Template 2020
Microsoft.PowerShell.3.ReferenceAssemblies 1.0.0	MIT N/A
Microsoft.PowerShell.5.ReferenceAssemblies 1.1.0	MIT N/A
Microsoft.SqlServer.TransactSql.ScriptDom.dll 12.0.1	Microsoft Component Copyright 2002
Microsoft.SqlServer.Types 12.0.5000.0	MIT
Microsoft.Xaml.Behaviors.Wpf 1.1.19	MIT N/A
MinHook 1.3.2.1	BSD - MinHook 1.0
MinHook 1.3.3	BSD - MinHook 1.0 Copyright 2009 Tsuda Kageyu All rights reserved.

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Newtonsoft.Json 13.0.3	MIT Template 2020
PropertyChanged.Fody 2.6.1	MIT N/A
RazorEngine 3.10.0	Apache 2.0
SQLiteCodeFirst 1.7.0.34	Apache 2.0
SSH.Net 2024.0.0 2024.0.0	MIT N/A
System Buffers 4.6.0	MIT N/A
System.ClientModel 1.3.0	MIT Template 2020
System.Diagnostics.DiagnosticSource 9.0.2	MIT Template 2020
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System.Management.Automation 6.2.3	MIT Template 2020
System.Memory 4.5.5	MIT 1.0
System.Memory.Data 9.0.2	MIT Template 2020
System.Numerics.Vectors 4.6.0	MIT 1.0
System.Runtime.CompilerServices.Unsafe 6.1.0	MIT Template 2020
System.Text.Encodings.Web 9.0.2	MIT Template 2020
System.Text.Json 9.0.2	MIT Template 2020
System.Threading.Channels 9.0.2	MIT Template 2020
System.Threading.Tasks.Extensions 4.6.0	MIT 1.0
System.ValueTuple 4.5.0	MIT 1.0 Copyright (c) .NET Foundation and Contributors
Task Scheduler Managed Wrapper 2.8.18	MIT N/A
TaskScheduler 2.8.18	MIT
TimeSpan Helper Library 2.2	New BSD N/A
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