



# NetIQ® Identity Manager 4.8 Service Pack 3 Release Notes

February 2021

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# About this Book

NetIQ Identity Manager 4.8 Service Pack 3 provides new features, enhancements, improves usability, and resolves several previous issues.

Many of these improvements were made in direct response to suggestions from our customers. We thank you for your time and valuable input. We hope you continue to help us ensure that our products meet all your needs. You can post feedback in the [Identity Manager Community Forums](#) on NetIQ Communities, our online community that also includes product information, blogs, and links to helpful resources.

The documentation for this product and the latest release notes are available on the NetIQ Web site on a page that does not require you to log in. If you have suggestions for documentation improvements, click **comment on this topic** at the bottom of any page in the HTML version of the documentation posted at the [Identity Manager Documentation Website](#).



# 1 What's New and Changed?

Identity Manager 4.8.3 provides the following key features, enhancements, and fixes in this release:

- ♦ [“New Features and Enhancements” on page 7](#)
- ♦ [“Component Updates” on page 9](#)
- ♦ [“Software Fixes” on page 10](#)

## New Features and Enhancements

Identity Manager 4.8.3 provides the following key functions and enhancements in this release:

- ♦ [“Platform Support” on page 7](#)
- ♦ [“Support for Ansible-based Deployment of Identity Manager Containers” on page 7](#)
- ♦ [“Enhancements in Identity Applications” on page 8](#)
- ♦ [“Enhancements in Identity Manager Engine” on page 9](#)
- ♦ [“Enhancements in Designer” on page 9](#)

### Platform Support

In addition to the existing operating systems (OS), this service pack supports the following OS:

- ♦ Red Hat Enterprise Linux (RHEL) 8.3
- ♦ Red Hat Enterprise Linux (RHEL) 7.9

### Support for Ansible-based Deployment of Identity Manager Containers

This release introduces support for a simplified and an automated way of deploying Identity Manager containers through Ansible. For more information, see [Deploying Identity Manager Containers Using Ansible](#).

## Enhancements in Identity Applications

Identity Applications includes the following enhancements:

### Support for Searching Groups by Attributes Other Than Description

The group search was supported only by the Description attribute. From this release, the group search is enhanced to support the CN attribute. When the CN attribute is added in DAL and enabled to search for new attributes, the Dashboard allows you to search by that attribute for groups.

For more information, see [Entity Settings](#) in the [NetIQ Identity Manager - Administrator's Guide to the Identity Applications](#).

### New Configuration Property Introduced In the Role and Resource Service Driver

This release introduces a new driver property in the Role and Resource Service driver.

**Enable parallelization of role recalculation for user entities when an inherited role is added or removed from the parent role:** When a child role is added to or removed from the parent role, the driver recalculates the role assignment for all the user entities. This new property allows you to enable parallel processing of multiple threads at a time. To enable this setting, set the value of the property to **True**. The default value is set to **False**.

For more information, see [Modifying the Role Service Driver Properties](#) section in the [NetIQ Identity Manager - Administrator's Guide to Designing the Identity Applications](#).

### Ability of the Multi-threaded RRS Driver to Process Events Based on the Policy Weightage

The multi-threaded Role and Resource Service driver is now enhanced and provides three different policy modules. The rules are set individually on these policy modules and a weight is assigned to each policy module to determine the order of policy execution.

For more information, see [How the Driver Works](#) section in the [NetIQ Identity Manager 4.8.3 - Administrator's Guide to the Identity Applications](#).

### Ability to Sort Users Based On Any Attribute

The Dashboard now allows you to sort users based on the attribute of your choice. By default, the Identity Applications sorts the list of users on the Dashboard based on their first name, irrespective of the user name format configured by the administrator in the Directory Abstraction Layer (DAL). A new setting is introduced in this release that allows you to customize that option.

For more information on customizing this setting, see [Configuring the Attribute for Sorting Users in Dashboard](#) in the [NetIQ Identity Manager - Administrator's Guide to the Identity Applications](#).



## Enhancements in Identity Manager Engine

Identity Manager Engine includes the following enhancements:

### LDAP Query Publishes Driver Cache Information

Identity Manager now publishes useful LDAP metrics to monitor. When you query CN= monitor entry, it publishes the age and number of transactions in a driver's cache along with the count of processed operations.

The cache information enables you to identify the age of each entry in the driver's cache and retain an entry for reporting based on the tenure.

## Enhancements in Designer

Designer includes the following enhancements:

### Ability to Perform Search and Replace Operations from Modeler View

The search operation available in Designer is further enhanced to include a replace option. The Modeler view in Designer now allows you to search for a string and then replace the string with a different one.

For more information about using the search and replace feature, see [The Search Results View](#) in the [Understanding Designer for Identity Manager](#).

### Ability to Configure the Form Backend URL for Identity Vault Instances Individually

Designer introduces a new option that allows you to configure the Form Backend URL for each instances of Identity Vault individually. For more information, see [Workflow Forms](#) in the [NetIQ Designer for Identity Manager Administration Guide](#).

### Removes the GroupWise Applications And Classes From the Default Designer Schema

This release removes the optional applications such as Groupwise applications and classes from the default Designer schema.

## Component Updates

This section provides details on the component updates.

### Identity Manager Component Versions

This release adds support for the following components in Identity Manager:

- ◆ Identity Manager Engine 4.8.3

- ♦ Identity Manager Remote Loader 4.8.3
- ♦ Identity Applications 4.8.3
- ♦ Identity Reporting 6.6.2
- ♦ Identity Manager Designer 4.8.3
- ♦ Identity Manager Fanout Agent 1.2.5

## Updates for Dependent Components

This release adds support for the following dependent components:

- ♦ NetIQ eDirectory 9.2.4
- ♦ NetIQ iManager 3.2.4  
You must upgrade to iManager 3.2.4 to support eDirectory 9.2.4. Ensure that you update your existing plug-ins to the latest versions for the iManager version you are using.
- ♦ NetIQ Self Service Password Reset (SSPR) 4.5.0.3
- ♦ NetIQ One SSO Provider (OSP) 6.4.3
- ♦ Sentinel Log Management for IGA 8.4

## Third-Party Component Versions

This release adds support for the following third-party components:

- ♦ Azul Zulu 1.8.0\_272
- ♦ Apache Tomcat 9.0.41-1

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**NOTE:** The supported versions of ActiveMQ, Nginx, and the Universal CEF collector are the same as Identity Manager 4.8.2. For more information on the supported versions for these components, see [Third-Party Component Versions](#) in the [NetIQ Identity Manager 4.8 Service Pack 2 Release Notes](#).

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## Software Fixes

NetIQ Identity Manager includes software fixes for the following components:

- ♦ [“Installation and Upgrade” on page 10](#)
- ♦ [“Identity Manager Engine” on page 11](#)
- ♦ [“Identity Plugins” on page 12](#)
- ♦ [“Identity Applications” on page 12](#)
- ♦ [“Identity Reporting” on page 15](#)
- ♦ [“Designer” on page 16](#)

## Installation and Upgrade

NetIQ Identity Manager includes the following software fixes that resolve several previous issues in installation or upgrade:

## **Issue to Load Customized OSP Login Page After Upgrade**

The Identity Applications upgrade now handles the customization and successfully loads the OSP login page. (Bug 230466)

## **Identity Manager Engine**

NetIQ Identity Manager includes software fixes that resolve several previous issues in the Identity Manager Engine:

### **Ability to Identify Invalid Inputs Specified for Dates in the Policy**

The token-convert-time action in a policy successfully identifies an invalid value specified for a date and reports an error in the driver logs. (Bug 230655)

### **Ability to Deliver Emails Containing Attachments Successfully Using Do Send Email from Template**

Identity Engine is updated to deliver e-mails with attachments successfully using default and customer templates. (Bug 231439)

### **Running IDM Monitoring Queries Successfully Handles Memory Utilization**

The Identity Manager is updated to successfully run the IDM monitoring queries in loop without employing additional memory. (Bug 231531)

### **Rectified DirXML DTD Document for Designer 4.8.1**

The DTD document now specifies valid element definitions for the Designer to utilize. (Bug 257187)

### **Ability To Generate the Log Files in the Specified Directory When Starting Remote Loader From Default Location**

The log files are now generated in the correct directory when you start `rdxml` using the `/etc/init.d` command. (Bug 231492)

### **Identity Manager Engine Generates Email Notifications with Content Type as per the Content of the Email**

The updated Identity Manager Engine now sends all the email notifications with appropriate content type. (Bug 273053)

## **Ability to Successfully Start Drivers Using ZoomDB Through the Java Remote Loader**

The drivers using ZoomDB are now updated to start successfully when initialized using Java Remote Loader. The NICI dependency is removed for Java Remote Loader. (Bug 313089)

## **Enhanced query-ex Functionality Returns Accurate Search Results**

The query-ex functionality is updated to return accurate search results when the get-token element is used in the query. (Bug 311264)

## **Identity Plugins**

NetIQ Identity Manager includes software fix that resolve previous issues in the Identity Plugins:

### **Identity Plugin Enables to Select CEF Audit Events at Driver Level Successfully**

The updated Identity Plugin successfully allows you to select events in the Log Level page. (Bug 230995)

### **Identity Plugin Allows to Create Work Order in Work Order Management Page Successfully**

When you create a new work order and browse, the Identity Plugin now does not display any prompt. It displays the list of drivers with respective statuses. (Bug 280040)

## **Identity Applications**

NetIQ Identity Manager includes software fixes that resolve several previous issues in the Identity Applications:

### **Requesting Permissions for Self Returns Correct Results**

The search functionality for requesting permissions for self is enhanced to return correct results. (Bug 231397)

### **Dashboard Does not Freeze When the Filter in the Advanced Search on the People page is Empty**

By default, the Filter option in the Advanced search on the People page gets disabled, when the filter is empty. (Bug 231397)

## **Ability to Correctly Display the Localized Text for All Locales on the Request History Page**

The Request History page displays all text in the selected locales correctly. (Bug 232002)

## **Ability to Re-enable Users Through the Dashboard**

The Dashboard is now enhanced and allows you to re-enable those users that are disabled in eDirectory. (Bug 232054)

## **Removal of Roles Does not Throw Any Exceptions When Roles are Recalculated**

The RRS driver now handles the role recalculation successfully after the role is removed from a user. Bug (232099)

## **Access Widget on the Dashboard Displays Correct Values for Recently Added Entries**

The access widget for the dashboard is enhanced to display correct results for recently added entries. (Bug 276098)

## **Increased the Column Size of localizedvalue.localization.igaworkflowdb to 1024 Characters**

The column size of the localizedvalue.localization.igaworkflowdb is same as localizedvalue.localization.idmuserappdb. The column size of the localizedvalue.localization.igaworkflowdb is now increased to 1024 characters. (Bug 278147)

## **Null Pointer Exceptions are No Longer Observed When DNLookUp is Empty**

The null pointer exception observed in the logs is no longer seen when the DNLookUp field has an empty value. (Bug 279046)

## **Ability to Display the Translated Text in All Locales Correctly When a Non-admin User Tries to Access idmadm URL**

The message indicating that the non-administrator user will be redirected to a different page, when the user access is restricted, is now translated correctly for all locales. (Bug 283805)

## **Ability of the Dashboard to Display the Status and Request Status Separately**

The dashboard now displays two separate fields; the role status that was used by the filter while searching for a specific role and the request status. (Bug 283163)

## **Request History Page Displays Accurate Results When the Page Size is Set to 1000 or Higher**

The Dashboard now retrieves accurate results when the Request History page for other users is configured to display 1000 or more results per page. (Bug 285139)

## **Audit Event for Role Request Displays Correct nrfStatus After a Role is Provisioned**

The nrfStatus for a role request that is provisioned is now updated to display the correct value, that is, 50. (Bug 285147)

## **Ability to Stop Users from Revoking Their Own Permissions**

The Dashboard is updated to disable users from revoking their own permissions. The entitled users, however, can still perform this operation. (Bug 288085)

## **sendNotification Endpoint Works as Expected**

The sendNotification SOAP endpoint is updated to send e-mails to the specified e-mail ID. (Bug 289101)

## **Customdbupdate Populates the Processnames and Defaultnames Columns Correctly**

The customdbupdate in Identity Applications now populates all the columns correctly. (Bug 290025)

## **IDVault.getObjectType Works As Expected When Used in a Condition Activity**

The IDVault.getObjectType, that used to return empty results, now works as expected. (Bug 295163)

## **Ability to Display the Activity ID for Workflow Events**

The Workflow events are now enhanced to display the Activity ID's for each of the events. This information can be observed in log file. (Bug 300011)

## **Updated Message Displayed to Users When the Search Exceeds the Search Size Limit**

The message displayed to the user, when the search exceeds the size limit, is now updated. The log level for this message is set to Debug. (Bug 300113)

## **Ability of the getResourceOwners API to Correctly Retrieve the List of Owners Assigned to a Resource**

The getResourceOwners API is updated to correctly retrieve the list of assigned owners to a resource. (Bug 300164)

## **getWorkRequest SOAP Request Returns Responses Correctly**

The getWorkRequest SOAP API is updated by setting the date in the correct format. The responses are returned correctly for the data items sent for the SOAP request. (Bug 301012)

## **Ability to Notify the Users That the Approval Form is Successfully Submitted When the Dashboard Session is Not Active on a Different Browser Window**

The Dashboard is enhanced to notify that the reviewer has successfully submitted the approval form when the session is not active on a different browser window. (Bug 301242)

## **Ability to Successfully Search for Permissions Through the Request > Others Option**

The proxy users can now successfully search for other's permissions through the Request > Others page. (Bug 302069)

## **Data Items are Correctly Added After the PRDs are Approved**

The data items are being added correctly during the PRD approval process when the Rest endpoints are used for approvals. (Bug 312024)

## **Identity Reporting**

NetIQ Identity Manager includes the following software fixes that resolve several previous issues in Identity Reporting:

### **Supports Special Character , in Group Names**

Identity Reporting now enables you to use the special character , in the group names. (Bug 232143)

### **Ability To Specify # As the First Character for Group Names**

Identity Reporting now allows you to use the special character # as the first character for group names. (Bug 232142)

## **Ability to Handle the Processing of Events When an Entitlement Name Includes a White Space**

Identity Reporting now allows you to process events to the Reporting database when an entitlement name that included a white space is modified to a different value. (Bug 295101)

## **Ability to Synchronize any Objects Successfully to the Identity Reporting Database When the Object Name Contains Hyphen or Underscores**

The DCS driver is now enhanced and has the ability to synchronize objects to the Identity Reporting database when the object name contains hyphen or underscores. The hyphens and underscores are treated as different characters and the object names are synchronized correctly. (Bug 319062)

## **Identity Reporting Does Not Display Any Errors When the DCS Driver Tries to Send The Same Event Containing a Parsing Error to the Reporting Database**

This issue is resolved. You must update the Data Collection Services driver to the latest version. For more information, see [NetIQ Identity Manager 4.2.1.0 Data Collection Services Driver Readme](#). (Bug 256188)

## **Ability to Handle Data Collection Services After Upgrading Identity Reporting**

This issue is resolved. You must update Managed System Gateway driver to the latest version. For more information, see [NetIQ Identity Manager 4.2.2.1 Managed System Gateway Driver Readme](#). (Bug 302052)

## **Ability To Populate Data In the Correct Format When Reports Are Generated After The Roles Are Assigned To Groups and Containers**

This issue is resolved. You must update the Roles and Resource Service driver to the latest version. For more information, see [NetIQ Identity Manager 4.8.3 Roles and Resource Service Driver Readme](#). (Bug 287067)

## **Designer**

NetIQ Identity Manager includes software fixes that resolve several previous issues in Designer:

### **Ability to Successfully Import the ECMA Script Through a Configuration File**

Designer now allows you to successfully export the ECMA scripts or objects to a configuration file and then import the same configuration file into Designer. (Bug 287195)



## Ability to Modify Policies Containing the src Attributes

Designer now allows you to modify policies containing the `src` attribute. Use the **Find & Replace** option introduced in Designer to modify the value from `src` to `source`. For more information, see the [The Search Results View](#) in the [Understanding Designer for Identity Manager](#). (Bug 300080)

## Designer Loads Successfully After Importing the .wsdl File for an Integration Activity

An intermittent issue, where Designer hangs while importing `.wsdl` file for an integration activity, is now resolved. (Bug 283420)

## Ability to Successfully Import the Schema Changes From Outline View Using the Live Menu

Designer now allows you to import the schema changes successfully from the Outline View using the **Live > Import Schema** option. (Bug 285191)



## 2 Installing or Updating to This Service Pack

For information on installing or updating to this service pack, see the [NetIQ Identity Manager 4.8.3: Installation and Upgrade Guide](#).



# 3 Known Issues

NetIQ strives to ensure our products provide quality solutions for your enterprise software needs. The following issues are currently being researched. If you need further assistance with any issue, contact [Technical Support](#).

- ♦ [“Unable to Assign the Role with SoD Constraint to a User” on page 21](#)
- ♦ [“Permission Related Errors Reported When Running Report Definitions SQL Scripts on Oracle” on page 21](#)
- ♦ [“Dashboard Does Not Indicate Whether the Reviewer Submitted the Approval Form Successfully or Not” on page 23](#)
- ♦ [“Designer Does Not Save XML Content When the Code Map Refresh Value Is Set to True” on page 24](#)
- ♦ [“Adding a Role as Trustee Causes an Exception While Loading Navigation Items on Dashboard” on page 24](#)
- ♦ [“Data Collection State Resets to Suspended When the Identity Reporting Container Is Deployed Manually” on page 25](#)
- ♦ [“Token-Convert-Time Fails to Convert Date and Time in a Policy” on page 25](#)
- ♦ [“Policy Validation in Designer Results in Multiple Errors” on page 26](#)

## Unable to Assign the Role with SoD Constraint to a User

**Issue:** In a normal scenario, when you request a role for users that conflicts with the user’s current role, the SoD policy applied to the conflicting role invokes an SoD approval flow. The SoD approvers, which may be selected approvers or default approvers set in the separation of duties settings, receive a corresponding task in their Tasks list. Once the task is approved, the requested role is assigned to the user. However, when you add a new user to the default approvers’ list in the separation of duties settings, the SoD policy fails to add a task in the newly-added user’s task list. This results in an error message and the subsequent failure of the role assignment. (Defect 267078)

**Workaround:** To resolve this issue, restart the tomcat service in the identity applications server whenever you add a new user to the default approvers list in the separation of duties settings.

## Permission Related Errors Reported When Running Report Definitions SQL Scripts on Oracle

**Issue:** Database configuration process reports permission related errors and while running report definition SQL scripts on Oracle. (Bug 230857)

**Workaround:** To workaround this issue, perform the following steps before you configure Identity Reporting:

1. Log in to the Identity Reporting server as database admin (sysdba) user.
2. Open a database administrator tool such as Oracle SQL developer.
3. Run the following scripts:

```
alter session set "_ORACLE_SCRIPT"=true;

CREATE OR REPLACE PROCEDURE create_dcs_roles_and_schemas(
    idm_rpt_data_password character varying,
    idmrptuser_password character varying)
AUTHID CURRENT_USER
AS
    cnt number;
BEGIN

    /* Create user IDM_RPT_DATA if it does not exist already */
    select count(*) into cnt from ALL_USERS WHERE USERNAME =
'IDM_RPT_DATA';
    IF cnt = 0 THEN
        execute immediate 'CREATE USER idm_rpt_data IDENTIFIED BY ' ||
idm_rpt_data_password;
        DBMS_OUTPUT.put_line('Created user idm_rpt_data');
    END IF;

    /* Grant rights to the idm_rpt_data user */
    execute immediate 'GRANT CREATE SESSION, CREATE TABLE, CREATE VIEW,
CREATE PROCEDURE, CREATE SEQUENCE, CREATE TRIGGER, UNLIMITED TABLESPACE
to idm_rpt_data';
    DBMS_OUTPUT.put_line('Granted rights to user idm_rpt_data');

    /* Create user IDMRPTUSER if it does not exist */
    select count(*) into cnt from ALL_USERS WHERE USERNAME =
'IDMRPTUSER';
    IF cnt = 0 THEN
        execute immediate 'CREATE USER idmrptuser IDENTIFIED BY ' ||
idmrptuser_password;
        DBMS_OUTPUT.put_line('Created user idmrptuser');
    END IF;

    /* Grant rights to the idmrptuser user */
    execute immediate 'GRANT CREATE SESSION to idmrptuser';
    DBMS_OUTPUT.put_line('Granted rights to user idmrptuser');
END;
/
```

```

CREATE OR REPLACE PROCEDURE create_rpt_roles_and_schemas(
    idm_rpt_cfg_password character varying)
AUTHID CURRENT_USER
AS
    cnt number;
BEGIN

    /* Create user IDM_RPT_CFG if it does not exist */
    select count(*) into cnt from ALL_USERS WHERE USERNAME =
'IDM_RPT_CFG';
    IF cnt = 0 THEN
        execute immediate 'CREATE USER idm_rpt_cfg IDENTIFIED BY ' ||
idm_rpt_cfg_password;
        DBMS_OUTPUT.put_line('Created user idm_rpt_cfg');
    END IF;

    /* Grant rights to the idm_rpt_cfg user */
    execute immediate 'GRANT CREATE SESSION, CREATE TABLE, CREATE VIEW,
CREATE PROCEDURE, CREATE SEQUENCE, CREATE TRIGGER, UNLIMITED TABLESPACE
to idm_rpt_cfg';
    DBMS_OUTPUT.put_line('Granted rights to user idm_rpt_cfg');
END;
/
exec CREATE_DCS_ROLES_AND_SCHEMAS('<DB password>', '<DB password>');
/
exec CREATE_RPT_ROLES_AND_SCHEMAS('<DB password>');
/
alter session set "_ORACLE_SCRIPT"=false;

```

#### 4. Configure Identity Reporting.

## Dashboard Does Not Indicate Whether the Reviewer Submitted the Approval Form Successfully or Not

**Issue:** When the reviewer opens an approval form through an e-mail link and acts on the request, the approval form does not close automatically after the form is submitted. This issue only occurs when the Dashboard session is not active on a different browser window.

**Workaround:** To redirect the reviewer to the Dashboard page upon submitting the approval form, perform the following steps:

- 1 Navigate to the config.ini file on the server where Identity Applications is installed.

**Linux:** /opt/netiq/idm/apps/sites

**Windows:** C:\netiq\idm\apps\sites\

- 2 Edit the config.ini file to add the Identity Manager Dashboard page URL.

IDMDashboardURL=https://<server\_IP>:<port>/idmdash

- 3 Restart the NGINX service.

```
systemctl restart netiq-nginx.service
```

## Designer Does Not Save XML Content When the Code Map Refresh Value Is Set to True

**Issue:** When you set the value of the `code-map-refresh` to `True` and save the XML file, Designer does not save the changes. Instead, Designer removes the newly-added content for the `code-map-refresh`.

**Workaround:** There is no workaround at this time.

## Adding a Role as Trustee Causes an Exception While Loading Navigation Items on Dashboard

**Issue:** Identity Applications allows you to hide specific tabs on the Dashboard through the `<client_name>.json` file. This feature works as expected when users, containers, or groups are configured as a trustee in the `<client_name>.json` file. However, when you configure Role as a trustee to display specific tabs only for that role, Identity Applications fails to display the tabs for all users on Dashboard.

**Workaround:** To resolve this issue, perform the following actions:

- 1 Log in to the Identity Applications server.
- 2 Navigate to the `/opt/netiq/idm/apps/tomcat/conf/clients/` directory.
- 3 Open the `<client_name>.json` file and navigate to the section where you have set the role as a trustee. For example,

```
{
  "key": "people",
  "value": [{
    "dn":
    "cn=abcrole,cn=Level30,cn=RoleDefs,cn=RoleConfig,cn=AppConfig,cn=User
    Application Driver,cn=driverset1,o=system",
    "name": "abcrole",
    "type": "role"
  }],
  "type": "navItem",
  "areaDefault": false,
  "disableAreaDefault": true,
  "isDisabled": false,
  "displayLabel": "People",
  "page": null,
  "expanded": true,
  "level": 1,
  "selected": false
},
```

- 4 Delete the content specified within the "value" attribute. For example,



```
{
  "key": "people",
  "value": [],
  "type": "navItem",
  "areaDefault": false,
  "disableAreaDefault": true,
  "isDisabled": false,
  "displayLabel": "People",
  "page": null,
  "expanded": true,
  "level": 1,
  "selected": false
},
```

---

**NOTE:** Ensure that the value of the `isDisabled` attribute is set to `False`.

---

5 Save the `<client_name>.json` file.

6 Restart Tomcat.

```
systemctl restart netiq-tomcat.service
```

7 Log in to Identity Manager Dashboard.

8 Navigate to **Settings > Access**.

9 Add the required trustees.

## Data Collection State Resets to Suspended When the Identity Reporting Container Is Deployed Manually

**Issue:** In the Identity Manager Data Collection Services (IDM DCS) user interface, when you set the data collection state to **Active** and save your changes, the state automatically resets to **Suspended**. The data collection does not work in this scenario.

This issue is randomly observed only when the Identity Reporting container is manually deployed (without Ansible) in a fresh container deployment scenario.

## Token-Convert-Time Fails to Convert Date and Time in a Policy

**Issue:** Performing policy simulation in a Designer policy with `token-convert-time` displays error. (Bug 323025)

**Workaround:** To resolve this issue, perform the following actions:

1 Stop Designer.

2 Back up the `dirxml.jar` file from the `<Designer installed folder>\plugins\com.novell.core.jars_4.0.0.<latest>\lib` location.

- 3 In an Identity Manager Engine 4.8.3 Hotfix 1 server, copy dirxml.jar file to <Designer installed folder>\plugins\com.novell.core.jars\_4.0.0.<latest>\lib location.
  - ◆ For Linux: copy the file from /opt/novell/eDirectory/lib/dirxml/classes location.
  - ◆ For Windows: copy the file from C:\NetIQ\IDM\NDS\lib location.
- 4 Start Designer.

## Policy Validation in Designer Results in Multiple Errors

**Issue:** When you validate a policy in Designer, the project checker displays incorrect errors. Errors such as A '(' character or an element type is required in the declaration of element type "if-dest-attr" and error against valid policies from REST, SAP, AD and other drivers are reported. (Bug 322013)

**Workaround:** Manually modify if-dest-attr and if-src-attr attributes in dirxmlscript4.8.3.dtd document available at the DTD location. For example:  
C:\NetIQ\IDM\apps\Designer\plugins\com.novell.idm.policybuilder\_4.0.0.202102182056\DTD\dirxmlscript4.8.3.dtd

In the dirxmlscript4.8.3.dtd document search and replace below attribute rules

- ◆ <!ELEMENT if-dest-attr (((arg-dn | arg-association),( value? | component\* ))? | (#PCDATA | component)\*)> to <!ELEMENT if-dest-attr (#PCDATA | component | arg-dn | arg-association | value)\*>
- ◆ <!ELEMENT if-src-attr (((arg-dn | arg-association),( value? | component\* ))? | (#PCDATA | component)\*)> to <!ELEMENT if-src-attr (#PCDATA | component | arg-dn | arg-association | value)\*>