



SSF Tools: IdentityIQ Loopback Connector User Guide

Document Revision History

Revision Date	Written/Edited By	Comments
January 2017	Christian Cairney	Initial version released with SSD v3
March 3 rd 2017	Christian Cairney	New features: Filter on identities with entitlements, correlated identities and custom filter expression
May 18 th , 2018	Christian Cairney	Updated documentation with note on projected queries and the object schema
May 23 rd 2018	Christian Cairney	Enabled Password and Authenticate features

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Table of Contents

Overview	4
Supported Features	4
Installation	5
Application Details	6
Application Type	6
Configuration	7
Settings	7
Ignore non correlated Identities	7
Ignore identities with no entitlements	7
Identity Filter	7
Schema attributes	8
Account Attributes	8
Workgroup Attributes	8
Capability Attributes	8
Passthrough Authentication and Password features	9

Overview

The IdentityIQ Loopback connector is designed to read in IdentityIQ Identities and expose them as accounts. Out of the box, the connector exposes workgroups and permissions as entitlements which can be re-used in roles and for LCM access requests and certifications. It is compatible with IdentityIQ 6.4 and later.

The connector uses the SailPoint Provisioning API to avoid locking issues and supports Delta Aggregation to reduce aggregation times.

This connector supports Provisioning and Search.

Supported Features

The IdentityIQ Loopback connector supports:

- Account Management
 - Managed IdentityIQ Identity cubes as Accounts
 - Aggregation, Delta Aggregation
 - Password
 - Authentication
 - Update
 - Create is not supported and is transformed to a modify
 - Delete is not supported and is transformed to a modify
- Account Group Management
 - Workgroups is a pseudo class, and aggregated using Identity + isWorkgroup = true
 - Capabilities are aggregated as is.

Installation

The IdentityIQ Loopback connector consists of the following class files:

Filename	Description
LoopbackConnector.java	Main Loopback Connector java class

The configuration files are:

Filename	Description
IIQ_Application_Config.xml	Connector Registry merge config file to describe the connector

These files are included in the Services Standard Deployment (SSD) and automatically deployed with your project using the Services Standard Build (SSB). Follow the SSB instructions to create a build for your environment and deploy the files.

If you wish to prevent automated deployment of the IdentityIQ Loopback Connector you can set the following property in the build.properties file in the SSD:

```
deployIIQLoopbackConnector=false
```

This prevents the Connector Registry updates being made, although the connector Java class will still be added to the resulting build.

Application Details

Application Type

The Application Type is "IdentityIQ Loopback Connector".

Configuration

Settings

IdentityIQ Loopback Connector Configuration

Ignore non correlated identities		<input type="checkbox"/>
Ignore identities with no entitlements		<input type="checkbox"/>
Identity filter *		<input type="text"/>

Ignore non correlated Identities

If this option is checked, then only correlated accounts will be aggregated.

Ignore identities with no entitlements

If this option is checked, only identities with any entitlement values will be aggregated based on this application's schema.

Identity Filter

IdentityIQ Filter expression which will be applied when querying for Identity objects on aggregation.

Schema attributes

The application schema is used to configure the objects returned from a connector. When a connector is called, the schema is supplied to the methods on the connector interface. This connector currently supports three types of objects: account, workgroup and capability. Account objects are used when building identities' Link objects. The workgroup and capabilities schema is used when building AccountGroup objects which are used to hold entitlements shared across identities.

NB: Any object schema's attributes must be marked up as searchable; non-searchable attributes cannot be queried for and will result in an error.

Account Attributes

Attribute name	Type	Description
name	string	Identity cube name
firstname	string	Identity first name
lastname	string	Identity last name
displayName	string	Identity display name
workroups.name	workgroup	Multi value list of all the workgroups the identity has a membership of
capabilities.name	capability	Multi value list of the capabilities assigned to the identity
inactive	String	Identity inactive flag

Workgroup Attributes

Attribute name	Type	Description
Name	string	Workgroup name
displayName	string	Workgroup display name
capabilities.name	capability	Multi value list of the capabilities assigned to the workgroup

Capability Attributes

Attribute name	Type	Description
name	string	Capability name

Passthrough Authentication and Password features

The Loopback Connector supports AUTHENTICATION and PASSWORD features which allow the implementer to configure this Loopback connector for pass through authentication and allow the reset of the identity password through the application password management pages.

The main use case for these features on this connector is to enable password self-service if the identity does not have an authentication-enabled application correlated which can be used for pass through authentication.

The Loopback connector Authentication feature respects IdentityIQ's account lockout and disable features.