

Starling Connect

Release Notes

22 September 2022

These release notes provide information about the 22 September 2022 Starling Connect release.

About this release

Accessible from the One Identity Starling site (<https://www.cloud.oneidentity.com/>), Starling Connect extends your investment in identity governance beyond on-premises apps to target cloud applications that are used by your partners. Starling Connect builds on One Identity Manager and Active Roles to unify governance, extend access controls, and ensures compliance, to reduce the time taken to provision / de-provision users and groups.

New features

The following is a list of new features in this release of Starling Connect .

The following is a list of new features in this release of Starling Connect.

- **Workday HR** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

The following were the new features in the previous releases of Starling Connect.

25 August 2022 new features

- **SuccessfactorsHR**, **Coupa** and **AWS Cognito** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

11 August 2022 new features

- **SuccessfactorsHR** and **Successfactors** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

28 July 2022 new features

- **SuccessfactorsHR** connector enhancements.
- **WorkdayHR** connector enhancements
- See also:
 - [Enhancements](#)
 - [Known issues](#)

14 July 2022 new features

- **SuccessfactorsHR** connector bugfixes and enhancements.
- **Salesforce** connector enhancements
- **Oracle Fusion Cloud** bugfixes.
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

30 June 2022 new features

- **OracleFusionCloud** connector bugfixes.
- See also:
 - [Resolved issues](#)
 - [Known issues](#)

16 June 2022 new features

- **AzureInfraStructure, OracleFusionCloud, and Concur** connector enhancements
- See also:
 - [Enhancements](#)
 - [Known issues](#)

2 June 2022 new features

- **Successfactors** and **Azure Infrastructure** connector enhancements
- **Successfactors** connector bugfixes
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

19 May 2022 new features

- **Successfactors HR** connector bugfixes
- **StatusPage, Okta, OneLogin, Concur** and **Azure Infrastructure** connector enhancements
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

5 May 2022 new features

- The **OpenText** connector is released and it can be used for provisioning or de-provisioning resources.
- See also:
 - [Known issues](#)

21 April 2022 new features

- **Successfactors HR** connector enhancements and bugfixes
- See also:
 - [Resolved issues](#)
 - [Known issues](#)

7 April 2022 new features

- **Workday HR** connector bugfixes
- See also:
 - [Resolved issues](#)
 - [Known issues](#)

29 March 2022 new features

- **Workday HR** connector bugfixes
- See also:
 - [Resolved issues](#)
 - [Known issues](#)

24 March 2022 new features

- **Successfactors HR** connector bugfixes
- **Majesco** and **Lucca HR** connectors are released and they can be used for provisioning or de-provisioning resources.
- General connector enhancements
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

10 March 2022 new features

- **WorkdayHR, SuccessfactorsHR, SugarCRM, Crowd**, connector enhancements
- **Zendesk** connector bugfixes
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

24 February 2022 new features

- **WorkdayHR** connector bugfixes.
- See also:
 - [Resolved issues](#)
 - [Known issues](#)

10 February 2022 new features

- **WorkdayHR** connector enhancements and bugfixes.
- **One Login** connector enhancement.
- **RSA Archer** connector enhancement.
- **SuccessfactorsHR** connector bugfixes.
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)

- [Known issues](#)

27 Jan 2022 new features

- **RSA Archer** v3.0 connector enhancement.
- **Oracle Fusion Cloud** connector enhancements.
- **Azure Infrastructure** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

13 Jan 2022 new features

- **RSA Archer** connector version 3.0 release and enhancement.
- **Oracle Fusion Cloud** connector enhancements.
- General connector enhancements.
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

30 Dec 2021 new features

- The **Oracle Fusion Cloud** connector is released and it can be used for provisioning or de-provisioning resources.
- **OneLogin** connector bug fixes.
- **Azure Infrastructure** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

16 Dec 2021 new features

- **WorkdayHR** connector bug fixes.
- General connector enhancements.
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

2 Dec 2021 new features

- **WorkdayHR** connector enhancements.
- **SuccessfactorsHR** connector bug fixes.
- General connector enhancements.
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

19 Nov 2021 new features

- **WorkdayHR** connector enhancements and bug fixes.
- **SuccessfactorsHR** connector enhancements.
- General connector enhancements.
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

5 Nov 2021 new features

- **OneLogin** connector enhancements and bug fixes.
- **WorkdayHR** connector enhancements.
- **SuccessfactorsHR** connector bug fixes.
- General connector enhancements.
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

21 Oct 2021 new features

- The **Azure Infrastructure** Starling connector is released.
- **WorkdayHR** connector enhancements and bug fixes.
- **SuccessfactorsHR** connector enhancements and bug fixes.
- General connector enhancements.
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

7 Oct 2021 new features

- General connector enhancements.
- **WorkdayHR** connector enhancements.
- **SuccessFactorsHR** connector bug fixes.
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

23 Sep 2021 new features

- General connector enhancements.
- **Salesforce** connector bug fixes.
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

20 Sep 2021 new features

- **SuccessFactorsHR** connector bug fixes and enhancements.
- See also:
 - [Resolved issues](#)
 - [Enhancements](#)
 - [Known issues](#)

9 Sep 2021 new features

- **WorkdayHR** connector bug fixes.
- **SuccessFactorsHR** connector bug fixes.
- **Okta** connector enhancements.
- General bug fixes.
- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

26 Aug 2021 new features

- **WorkdayHR** connector enhancements.
- **SuccessFactorsHR** connector enhancements and bug fixes.

- See also:
 - [Enhancements](#)
 - [Resolved issues](#)
 - [Known issues](#)

12 Aug 2021 new features

- Bug fixes related to connector request handler.
- See also:
 - [Resolved issues](#)
 - [Known issues](#)

29 Jul 2021 new features

- **Workday HR** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

23 Jul 2021 new features

- **Workday HR** connector bug fixes.
- **Successfactors HR** connector bug fixes.
- See also:
 - [Resolved issues](#)
 - [Known issues](#)

15 Jul 2021 new features

- **Workday HR** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

1 Jul 2021 new features

- **Azure AD** connector enhancements.
- **Workday HR** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

22 Jun 2021 new features

- **Workday HR** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

17 Jun 2021 new features

- **Workday HR** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

03 Jun 2021 new features

- **SAP Cloud for Customer** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

31 May 2021 new features

- **WorkdayHR** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

24 May 2021 new features

- **Google Workspace** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

20 May 2021 new features

- **WorkdayHR** connector bug fixes.
- Usage of inclusive language across admin guide (in progress) and release notes.
- See also:
 - [Resolved issues](#)
 - [Enhancements](#)
 - [Known issues](#)

6 May 2021 new features

- **Dayforce** connector bug fixes.
- **WorkdayHR** connector enhancements.
- **SAP Cloud for Customer** connector enhancements.
- See also:
 - [Resolved issues](#)
 - [Enhancements](#)
 - [Known issues](#)

22 April 2021 new features

- **SAP Cloud for Customer** connector is released and it can be used for provisioning or de-provisioning resources.
- **Dayforce** connector enhancements.
- **WorkdayHR** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

8 April 2021 new features

- **Dayforce** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

25 March 2021 new features

- **WorkdayHR** connector enhancements.
- See also:
 - [Resolved issues](#)
 - [Enhancements](#)
 - [Known issues](#)

15 March 2021 new features

- **Successfactors** connector enhanced to support filtering of User objects.
- **SuccessFactors** connector bug fixes.
- **SuccessFactorHR** connector bug fixes.
- See also:
 - [Resolved issues](#)
 - [Enhancements](#)
 - [Known issues](#)

11 March 2021 new features

- **Pingboard** connector is released and it can be used for provisioning or de-provisioning resources.
- **Salesforce** connector available for use with Safeguard for Privileged Passwords 6.8 or higher.
- See also:
 - [Resolved issues](#)
 - [Enhancements](#)
 - [Known issues](#)

25th February 2021 new features

- **Smartsheet** connector is released and it can be used for provisioning or de-provisioning resources.
- **WorkdayHR** connector enhancements
- See also:
 - [Enhancements](#)
 - [Known issues](#)

11 February 2021 new features

- **SuccessFactorHR** connector enhancements.
- **GSuite** connector enhancements.
- **Concur** connector enhancements
- See also:
 - [Enhancements](#)
 - [Known issues](#)

28 January 2021 new features

- **Azure AD** and **Amazon S3 AWS** connectors are available for use with Safeguard for Privileged Passwords 6.8 or higher.
- **WorkdayHR** connector enhanced to be pre-filled with the default values for Department, Division and Asset parameters.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

14 January 2021 new features

- **SuccessFactorHR** connector enhancements.
- **Dayforce** Starling connector is released. It allows update on some attributes of the Employees endpoint and does not support provisioning or de-provisioning. For more

information about the list of attributes, see Starling Connect Hosted - One Identity Manager Administration Guide on the [Support site](#).

- See also:
 - [Resolved issues](#)
 - [Enhancements](#)
 - [Known issues](#)

17 December 2020 new features

- **SuccessFactorHR** connector bug fixes.
- **Salesforce** connector bug fixes.
- See also:
 - [Resolved issues](#)

9 December 2020 new features

- **Salesforce** connector bug fixes.
- See also:
 - [Resolved issues](#)

4 December 2020 new features

- **SuccessFactorHR** connector bug fixes.
- See also:
 - [Resolved issues](#)

3 December 2020 new features

- **PagerDuty** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- See also:
 - [Resolved issues](#)
 - [Enhancements](#)
 - [Known issues](#)

19 November 2020 new features

The following updates are released:

- **SuccessFactorHR** connector is enhanced and it can now be used for creating or updating the perPhone information of the employees.
- **SuccessFactorHR** connector enhanced to filter the objects in perPhone endpoint
- **Workday HR** connector enhanced to filter the objects in Employees endpoint
- **Workday HR** connector enhanced to map the hierarchical data in CustomOrgs and Locations endpoints

- See also:
 - [Enhancements](#)
 - [Known issues](#)

5 November 2020 new features

The following updates are released:

- **Hive** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- **Salesforce** bug fixes.
- See also:
 - [Resolved issues](#)
 - [Known issues](#)

22 October 2020 new features

The following updates are released:

- **SuccessFactors HR** bug fixes.
- See also: [22 October 2020 resolved issues](#)

1 October 2020 new features

The following updates are released:

- **SuccessFactors HR** bug fix.
- See also: [1 October 2020 resolved issues](#)

27 August 2020 new features

The following updates are released:

- The **Databricks** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- **Workday HR** connector updates and enhancements.
- **SuccessFactors HR** connector resolved issue.
- See also:
 - [27 August 2020 enhancements](#)
 - [27 August 2020 resolved issues](#)
 - [Known issues](#)

13 August 2020 new features

The following updates are released:

- The **Apigee** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- **Apigee** connector known issues.

- **Concur** connector limitation updates.
- **SuccessFactors HR** connector enhancement.
- See also:
 - [13 August 2020 enhancements](#)
 - [Known issues](#)

30 July 2020 new features

The following updates are released:

- The **Webex** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- **AmazonS3AWS** connector known issue.
- **Crowd** connector known issue.
- **Jira** server connector known issue.
- **Salesforce** connector known issues.
- See also:
 - [30 July 2020 enhancements](#)
 - [Known issues](#)

16 July 2020 new features

The following updates are released:

- The **Slack** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- The **ActiveCampaign** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- **Azure AD** connector enhancements and known issue.
- See also:
 - [16 July 2020 enhancements](#)
 - [Known issues](#)

2 July 2020 new features

The following updates are released:

- **SuccessFactors HR** connector enhancements and bug fixes.
- **SuccessFactors** connector enhancements.
- **Salesforce** connector enhancements and known issue.
- **Coupa** bug fix.
- See also:
 - [2 July 2020 enhancements](#)
 - [2 July 2020 resolved issues](#)

- [Known issues](#)

18 June 2020 new features

The following updates are released:

- The **Hacker Rank** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- The **SAP Litmos** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- **Salesforce** connector enhancements and bug fix.
- **Coupa** connector bug fix.
- **Workday HR** connector bug fix.
- See also:
 - [18 June enhancements](#)
 - [18th June 2020 resolved issues](#)

4 June 2020 new features

The following updates are released:

- The **Aha** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- **Azure AD** connector enhancements.
- **Salesforce** connector bug fix.
- **SuccessFactors HR** connector bug fix.
- **Coupa** connector bug fix.
- See also:
 - [4 June 2020 enhancements](#)
 - [4th June 2020 resolved issues](#)
 - [Known issues](#)

21 May 2020 new features

The following updates are released:

- The **PingOne** Starling connector is released and it can be used for provisioning or de-provisioning resources.

7 May 2020 new features

The following updates are released:

- The **OneLogin** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- The **WorkDayHR** Starling connector is released. It allows update on some attributes of the **Employees** endpoint and does not support provisioning or de-provisioning.

For more information about the list of attributes, see Starling Connect Hosted - One Identity Manager Administration Guide on the [Support site](#).

- The **Marketo** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- **SuccessFactors HR** enhancements.
- **Coupa** connector enhancements and bug fixes.
- See also:
 - [7 May 2020 enhancements](#)
 - [7 May 2020 resolved issues](#)
 - [Known issues](#)

23 April 2020 new features

There are no new features in this release.

The following updates are released:

- Internal bug fixes for BaseCRM connector
- Documentation updates for Synchronization and integration of Roles object type with One Identity Manager for the following connectors:
 - OpsGenie
 - DataDog

15 April 2020 new features

The following updates are released:

- **SuccessFactors HR** connector enhancements.
- **SuccessFactors** connector enhancements.
- **Coupa** connector enhancements.
- **Salesforce** connector enhancements.
- **ServiceNow** connector enhancements.
- See also: [15 April 2020 enhancements](#)

9 April 2020 new features

The following updates are released:

- **Coupa** connector enhancements.
- **SalesForce** connector enhancements.
- See also:
 - [9 April 2020 resolved issues](#)
 - [9 April 2020 enhancements](#)

26 March 2020 new features

The following updates are released:

- The **AppDynamics** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- **RSA Archer** enhancement.
- See also:
 - [Known issues](#)
 - [26th March 2020 enhancements](#)

12 March 2020 new features

The following updates are released:

- **Okta** enhancement.
- See also:
 - [12 March 2020 enhancements](#)
 - [12 March 2020 resolved issues](#)

27 February 2020 new features

The following updates are released:

- The **Informatica Cloud Services** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- **Amazon S3 AWS** connector enhancements.
- **Coupa** connector bug fixes.
- See also:
 - [27th February 2020 enhancements](#)
 - [27th February 2020 resolved issues](#)

13 February 2020 new features

The following updates are released:

- The **OpsGenie** Starling connector is released and it can be used for provisioning or de-provisioning resources.
- **Box** connector enhancements.
- **SuccessFactors HR** enhancements - A new version of the connector v. 2.0 is available, which enhances the **GetEmployee API**.
- **RSA Archer** enhancements.
- Starling Connect Support for Active Roles.
- See also: [13 February 2020 enhancements](#)

30 January 2020 new features

The following updates are released:

- The **DataDog** Starling connector is released and it can be used for provisioning or de-provisioning resources.

- The **Hideez** Starling connector is released. For integration with One Identity Manager, see issue ID [220412](#) in [Known issues](#).
- **SuccessFactors HR** connector enhancements.
- See also:
 - [30 January 2020 enhancements](#)
 - [30 January 2020 resolved issues](#)

6 January 2020 new features

The following updates are released:

- **Coupa connector enhancements.**
- **SuccessFactors HRconnector bug fixes.**
- See also:
 - [6 January 2020 enhancements](#)
 - [6 January 2020 resolved issues](#)

19 December 2019 new features

The following updates were released:

- **SuccessFactors HR connector bug fixes.**
- **SuccessFactors HR connector enhancements.**
- See also:
 - [19 December 2019 resolved issues](#)
 - [19 December 2019 enhancements](#)

11 December 2019 new features

The following updates are released:

- **SuccessFactors HR connector bug fixes.**
- **Custom attributes for Coupa connector.**
- See also: [11 December 2019 resolved issues](#)

5 December 2019 new features

The following updates were released:

- **Configuring Amazon S3 AWS connector to support entitlements for User and Group.**
- **SuccessFactors HRconnector enhancements.**
- See also: [5 December 2019 enhancements](#)

21 November 2019 new features

The following updates were released:

- **The Okta connector was released and it can be used for provisioning or de-provisioning resources.**
- **Versioning of Starling connectors.**
- **Starling Connect support for Active Roles.**
- **Custom attributes for Coupa connector.**
- **Deprecation of Bitbucket connector.**
- See also:
 - [21 November 2019 enhancements](#)
 - [21 November 2019 resolved issues](#)
 - [21 November 2019 deprecated features](#)

7 November 2019 new features

The following updates were released:

- **No new features**
- See also: [7 November 2019 enhancements](#)

24 October 2019 new features

The following updates were released:

- **No new features**
- See also:
 - [24 October 2019 enhancements](#)
 - [24 October 2019 resolved issues](#)

10 October 2019 new features

The following updates were released:

- **No new features**
- See also: [10 October 2019 enhancements](#)

1 October 2019 new features

The following updates were released:

- **No new features**
- See also: [1 October 2019 resolved issues](#)

12 September 2019 new features

The following updates were released:

- **No new features**
- See also: [12 September 2019 enhancements](#)

29 August 2019 new Features

The following updates were released:

- **No new features**
- See also: [29 August 2019 enhancements](#)

16 August 2019 new features

The following updates were released:

- **No new features**
- See also: [16 August 2019 enhancements](#)

2 August 2019 new features

The following updates were released:

- **No new features**

18 July 2019 new features

The following updates were released:

- **No new features**
- See also: [18 July 2019 enhancements](#)

4 July 2019 new features

The following updates were released:

- **Coupa**
- See also:
 - [4 July 2019 enhancements](#)
 - [4 July 2019 resolved issues](#)

20 June 2019 new features

The following updates were released:

- **No new features**
- See also:
 - [20 June 2019 enhancements](#)
 - [20 June 2019 resolved issues](#)

9 May 2019 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **GoToMeeting**
- See also: [9 May 2019 resolved issues](#)

25 April 2019 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **Concur**
- **Tableau**

11 April 2019 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **Azure AD**
- **GSuite**

28 March 2019 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **Zendesk**
- **Citrix ShareFile**

14 March 2019 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **Workbooks**
- **DocuSign**

28 February 2019 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **Statuspage**
- **Zendesk Sell**
- See also: [28 February 2019 resolved issues](#)

14 February 2019 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **Oracle IDCS**
- **Bitbucket**

31 January 2019 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **Egnyte**
- **SugarCRM**
- See also: [31 January 2019 resolved issues](#)

17 January 2019 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **NutShell**
- **Insightly**
- See also: [17 January 2019 resolved issues](#)

08 January 2019 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **SuccessFactors HR**

03 January 2019 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **Pipedrive**

20 December 2018 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **Trello**
- **Box**

05 December 2018 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

Atlassian JIRA Confluence

22 November 2018 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **Dropbox**
- **Crowd**
- See also: [22 November 2018 resolved issues](#)

25 October 2018 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **Amazon S3 AWS**
- **ServiceNow**
- See also: [25 October 2018 resolved issues](#)

17 October 2018 new features

The following Starling connector was released and it can be used for provisioning or de-provisioning resources:

- **No new feature**
- See also: [17 October 2018 enhancements](#)

26 September 2018 new features

The following Starling connector was released and it can be used for provisioning or de-provisioning resources:

- **SuccessFactors**

15 August 2018 new features

The following Starling connectors were released and they can be used for provisioning or de-provisioning resources:

- **Salesforce**
- **Facebook Workplace**
- **SAP Cloud Platform**
- **JIRA Server**
- **RSA Archer**
- See also: [15 August 2018 resolved issues](#)

Enhancements

The following is a list of enhancements implemented in this release of Starling Connect .

Table 1: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------|---|---------------|
| Workday HR | The connector now supports updating all work phone numbers in new version v.3.0 | 295290 |

The following is a list of enhancements implemented in the previous releases of Starling Connect .

25 Aug 2022 enhancements

Table 2: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------------|---|---------------|
| SuccessfactorsHR | Navigational attributes are supported under a custom object type in the Successfactors HR connector | 315844 |
| Coupa | Coupa connector supports OAuth authentication in V1.1 | 315681 |
| AWS Cognito | Support for accepting target datetime offset and appropriately processing the datetime values based on the offset | 298959 |

11 Aug 2022 enhancements**Table 3: Connector enhancements**

| Connector | Enhancements | Work item ID |
|-------------------------|--|---------------|
| Successfactors | The connector now supports adding custom attributes (v4 onwards) for User type. | 315647 |
| SuccessFactorsHR | The connector now supports the new future dated positions and future dated perpersonals endpoints. | 317662 |

28 Jul 2022 enhancements**Table 4: Connector enhancements**

| Connector | Enhancements | Work item ID |
|-------------------------|---|---------------|
| SuccessFactorsHR | The PerPersonal endpoint is enhanced to return the FutureDated PerPersonal. | 314726 |
| SuccessFactorsHR | The Positions endpoint is enhanced to return the FutureDated Positions. | 313399 |
| WorkdayHR | The Positions endpoint now supports a new Get_Positions endpoint | 315079 |
| WorkdayHR | The connector now supports Included_In_Organization_Reference attribute in CustomOrgs Endpoint . | 315080 |
| WorkdayHR | The connector now supports "ISO_3166-2_Code" and "ISO_3166-2_Country-Region_Code" attributes in Locations endpoint. | 315081 |

14 Jul 2022 enhancements

Table 5: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------------|--|---------------|
| SuccessfactorsHR | The connector is enhanced to support the 'loginMethod' attribute under Employees. | 302807 |
| SuccessfactorsHR | The connector now supports the configuration and use of a custom object type | 309106 |
| SuccessfactorsHR | The connector is enhanced to support the update operation for custom attributes. NOTE: This feature is currently supported under Employees only. | 309027 |
| Salesforce | The connector is enhanced to support the Salesforce APIs v.53.0. | 313409 |

16 Jun 2022 enhancements**Table 6: Connector enhancements**

| Connector | Enhancements | Work item ID |
|------------------------------|--|---------------|
| Azure Infra-structure | The connector is enhanced to fetch all items under managementGroups and Roles endpoint using nextLink attribute | 311038 |
| Oracle Fusion Cloud | The connector is enhanced to support role membership in the roles endpoint | 304279 |
| Concur | The connector is enhanced to support the v4 API functionality | 306901 |

2 Jun 2022 enhancements**Table 7: Connector enhancements**

| Connector | Enhancements | Work item ID |
|------------------------------|---|---------------|
| Azure Infra-structure | The connector is enhanced to support role assignments at root scope under the role assignments list response. | 309584 |
| SuccessFactors | The connector is enhanced to support more attributes supported for User. | 309041 |
| SuccessFactors | The connector is enhanced to support insert / update / upsert on inactive users using extended permissions. | 307118 |

19 May 2022 enhancements

Table 8: Connector enhancements

| Connector | Enhancements | Work item ID |
|-----------------------------|--|---------------|
| StatusPage | The connector now supports target instance's server's datetime offset as customer input to parse the datetime values appropriately (Set 6) | 291181 |
| Okta | Modification in the connector to support the continuous synchronization of the objects without hitting the rate limit by target system | 305499 |
| OneLogin | Modification in the connector to support the continuous synchronization of the objects without hitting the rate limit by target system | 305076 |
| OneLogin | The connector is enhanced to support the latest endpoints readily available for customers integration | 289279 |
| Concur | The new connector version supports the V4 target APIs for GET and LIST operations on Users | 307717 |
| Azure Infrastructure | The connector mappings for target APIs and mappings are upgraded for some of the endpoints. | 304985 |

21 April 2022 enhancements

Table 9: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------------|---|---------------|
| SuccessfactorsHR | The SuccessFactorsHR connector now supports the deletion of email addresses. | 302186 |
| SuccessfactorsHR | In v8.0 of SuccessFactorsHR connector, the FutureDatedEmployees endpoint will return the next effective record. | 303995 |

24 March 2022 enhancements

Table 10: Connector enhancements

| Connector | Enhancements | Work item ID |
|-----------|--|---------------|
| | Modifications to have datetime offset as a configurable parameter in SAP Cloud for Customer and Hideez connector | 303103 |

10 March 2022 enhancements

Table 11: Connector enhancements

| Connector | Enhancements | Work item ID |
|------------------------|---|---------------|
| SuccessFactorHR | Supported OAuth Authentication from v6.0 in SuccessFactorsHR connector | 300100 |
| Workday HR | The FutureDatedEmployee endpoint is enhanced to return the Termination_Date if available | 292548 |
| Workday HR | The Workday HR connector now supports a new endpoint for delta sync employees | 302214 |
| | Modifications to have datetime offset as a configurable parameter in SugarCRM and Crowd connector | 303102 |

10 February 2022 enhancements

Table 12: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------|--|---------------|
| WorkdayHR | WorkdayHR connector is enhanced to have BusinessUnit attribute in Employees end point for GET request | 298549 |
| WorkdayHR | WorkdayHR connector is enhanced to have Manager ID for Future Dated Endpoint with multiple <Assignment_From> tag | 300717 |
| One Login | One Login connector is enhanced to have assign and remove user functionality from roles in OneLogin | 299285 |
| RSA Archer | RSA Archer connector is enhanced to support customer specific use cases in the v3.0 of generalized SCIM connector. NOTE: The transition of v2 functionality into generic solutions is underway and until it is complete, One Identity Manager recommends that existing customers should skip updating to this version till further notification. | 299240 |

27 January 2022 enhancements

Table 13: Connector enhancements

| Connector | Enhancements | Work item ID |
|-----------------------------|--|--------------|
| RSA Archer | RSA Archer connector is enhanced to have a generalized SCIM connector at "Groups" and "Roles" functionality. NOTE: The transition of v2 functionality into generic solutions is underway and until it is complete, One Identity Manager recommends that existing customers should skip updating to this version till further notification. | 294094 |
| Oracle Fusion Cloud | Oracle Fusion Cloud connector is enhanced to implement the governance relevant endpoints of the common API for Oracle Applications Cloud and has update employee functionality. | 279793 |
| Azure Infrastructure | Modifications to have datetime offset as a configurable parameter in Azure Infrastructure connector. | 299230 |

13 January 2022 enhancements**Table 14: Connector enhancements**

| Connector | Enhancements | Work item ID |
|----------------------------|---|--------------|
| RSA Archer | RSA Archer has enhanced user functionality in the generalized SCIM connector and v3.0 release that generalizes the approach to handle Archer. NOTE: The transition of v2 functionality into generic solutions is underway and until it is complete, One Identity Manager recommends that existing customers should skip updating to this version till further notification. | 297547 |
| Oracle Fusion Cloud | Oracle Fusion Cloud connector is enhanced to support the Employee functionality. | 297561 |
| | Modifications to have datetime offset as a configurable parameter in Workday HR, Dayforce, Successfactors HR, Zendesk and Zendesk Sell (Base CRM) connectors. | 291180 |

30 December 2021 enhancements

Table 15: Connector enhancements

| Connector | Enhancements | Work item ID |
|------------------|---|---------------------|
| Azure | Azure Infrastructure connector is enhanced to support a separate endpoint for role assignments. | 291995 |

16 December 2021 enhancements

Table 16: Connector enhancements

| Connector | Enhancements | Work item ID |
|------------------|---|---------------------|
| | Modifications to have datetime offset as a configurable parameter in Facebook Workplace connector | 296985 |

2 December 2021 enhancements

Table 17: Connector enhancements

| Connector | Enhancements | Work item ID |
|------------------|---|---------------------|
| WorkdayHR | The WorkdayHR connector is enhanced to support the last name suffix in Employees endpoint Get request. | 294685 |
| WorkdayHR | The WorkdayHR connector is enhanced to support the MiddleName attribute in the response for FutureDatedEmployees Endpoint GET operation. | 295167 |
| | Modifications to have datetime offset as a configurable parameter in Smartsheet and SAP Litmos connectors | 295206 |

19 November 2021 enhancements

Table 18: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------------|--|--------------|
| WorkdayHR | The WorkdayHR connector is enhanced to support the Cost Center Hierarchy in Employees endpoint Get request. | 294329 |
| WorkdayHR | The WorkdayHR connector is enhanced to support the Organization Reference WID in CustomOrgs Endpoint Get Request. | 294330 |
| WorkdayHR | The WorkdayHR connector now supports having the future termination date of employees in Get Request for Employee End Point in delta sync. | 293999 |
| SuccessFactorsHR | The SuccessFactorsHR connector now supports fetching the PerEmail entries for an Employee | 291264 |
| | Modifications to have datetime offset as a configurable parameter in SCP, Marketo and OpsGenie connectors | 294000 |

5 November 2021 enhancements

Table 19: Connector enhancements

| Connector | Enhancements | Work item ID |
|------------------|--|---------------------|
| Connector | Enhancements | Work item ID |
| WorkdayHR | The WorkdayHR connector is enhanced to support the new attributes on the Employees endpoint. | 292790 |
| WorkdayHR | The WorkdayHR connector is enhanced to support the MiddleName attribute in the response for Employees Endpoint GET operation | 292496 |
| OneLogin | The OneLogin connector now supports assigning connected applications to users. | 275159 |
| | Modifications to have datetime offset as a configurable parameter in Workbooks, Dropbox, Insightly, Aha and ActiveCampaign connectors | 292854 |

21 October 2021 enhancements

Table 20: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------------|---|--------------|
| WorkdayHR | The connector is enhanced to support deletion of the attribute values (PhoneNumbers) from the workday instance using the workday connector | 291391 |
| SuccessfactorsHR | The connector is enhanced to support multilevel navigational custom attributes | 289757 |
| SuccessfactorsHR | The PerPersonals endpoint in SuccessfactorHR connector is enhanced to support attribute selection on LIST responses | 290594 |
| | Modifications to have datetime offset as a configurable parameter in Sharefile, HackerRank, Pingboard and DocuSign connectors | 291424 |

7 October 2021 enhancements**Table 21: Connector enhancements**

| Connector | Enhancements | Work item ID |
|------------------|--|--------------|
| WorkdayHR | The user can now delete the attribute values from the Workday instance using the Workday connector . | 290029 |
| | Modifications to have datetime offset as a configurable parameter in Box, Pipedrive, Informatica Cloud Services, OneLogin, Oracle IDCS, and Nutshell connectors. | 290298 |
| Okta | The connector is enhanced to support multivalued custom attribute in Okta Connector. | 287960 |

23 September 2021 enhancements**Table 22: Connector enhancements**

| Connector | Enhancements | Work item ID |
|-----------|--|--------------|
| | Modifications to have datetime offset as a configurable parameter in Google Workspace, PingOne, WebEx, Azure AD, Salesforce, Slack, SuccessFactors, and Concur connectors. | 267778 |

20 September 2021 enhancements

Table 23: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------------|---|--------------|
| SuccessfactorsHR | The connector is enhanced to support the matrixManager attribute under userNav. | 288457 |

9 September 2021 enhancements**Table 24: Connector enhancements**

| Connector | Enhancements | Work item ID |
|-------------|---|--------------|
| Okta | The connector is enhanced to support custom attributes for both users and groups endpoints. | 287565 |
| Okta | The connector is enhanced to support the datetime offset values. | 267778 |

26 August 2021 enhancements**Table 25: Connector enhancements**

| Connector | Enhancements | Work item ID |
|-------------------------|---|--------------|
| WorkdayHR | The WorkdayHR connector is enhanced to include the LineAddress data in Locations endpoint. | 284953 |
| WorkdayHR | The WorkdayHR connector is enhanced to include custom Integration ID in the response for Employees endpoint GET operation. | 285536 |
| SuccessfactorsHR | The SuccessfactorsHR connector is enhanced to fetch the `lastModified` information synced based on the `lastModifiedOn` attribute of EmpJob and `lastModified` of User (whichever is latest) into meta.LastModified. | 270291 |
| SuccessfactorsHR | The SuccessfactorsHR entity endpoints are enhanced to return the the last modified Date in UTC format. | 270150 |
| SuccessfactorsHR | The SuccessfactorsHR connector is enhanced to handle a future dated event where the revision counter considers StartDate of the event along with current implementation date, which is LastModifiedOn & LastModified of EmpJob & User Obj. | 270577 |

29 Jul 2021 enhancements

Table 26: Connector enhancements

| Connector | Enhancements | Work item ID |
|------------------|---|--------------|
| WorkdayHR | The WorkdayHR connector is enhanced to fetch the local name for a Future Dated Hire, if available. | 283151 |
| WorkdayHR | The WorkdayHR connector is enhanced to support dedicated API's for updating work and home contact information. | 281375 |
| WorkdayHR | The WorkdayHR connector is enhanced to support all attributes available under the Worker_Status. | 282011 |

15 Jul 2021 enhancements**Table 27: Connector enhancements**

| Connector | Enhancements | Work item ID |
|------------------|---|--------------|
| WorkdayHR | The WorkdayHR connector is enhanced to support status attribute in GET All operation for the Employees endpoint. | 282010 |
| WorkdayHR | The WorkdayHR connector is enhanced to retry the requests failed due to network connectivity issues in GET operation. | 281421 |
| WorkdayHR | The WorkdayHR connector is enhanced to support new attributes hire reason , termination reason and local termination in the Employee Endpoint GET operation. | 281133 |

1 Jul 2021 enhancements**Table 28: Connector enhancements**

| Connector | Enhancements | Work item ID |
|-------------------|--|--------------|
| Azure AD | The Azure AD connector is enhanced to support new endpoint Applications and operations to Add/ Remove/ List application roles under User & Group. | 275157 |
| Workday HR | The WorkdayHR connector is enhanced to support a new endpoint FutureDatedEmployees . | 269118 |
| Workday HR | The WorkdayHR connector is enhanced to support new attributes Job_Classification_Reference with WID and Job_Classification_Reference_ID in the Employee Endpoint GET operation. | 279632 |

17 June 2021 enhancements

Table 29: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------|--|---------------------|
| Workday HR | The Workday HR connector is enhanced to support PATCH operation for Employee endpoint. | 269057 |

3 June 2021 enhancements

Table 30: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------------------|--|---------------------|
| SAP Cloud for Customer | The SAP Cloud for Customer connector is enhanced to support new attributes "LogonLanguageCode" and "LogonLanguageCodeText". | 276525 |

31 May 2021 enhancements

Table 31: Connector enhancements

| Connector | Enhancements | Work item ID |
|------------------|---|---------------------|
| WorkdayHR | The WorkdayHR connector is enhanced to support the filtering of Employees based on the Employee status, for Employee Endpoint. | 275544 |

24 May 2021 enhancements

Table 32: Connector enhancements

| Connector | Enhancements | Work item ID |
|------------------|---|---------------------|
| WorkdayHR | The WorkdayHR connector is enhanced to support the filtering of Employees based on the Employee status, for Employee Endpoint. | 275544 |

20 May 2021 enhancements

Table 33: Connector enhancements

| Connector | Enhancements | Work item ID |
|------------------|---|---------------------|
| WorkdayHR | The WorkdayHR connector is enhanced to support the filtering of Employees based on the Employee status, for Employee Endpoint. | 275544 |

6 May 2021 enhancements

Table 34: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------------------|--|--------------|
| WorkdayHR | The WorkdayHR connector is enhanced to support Matrix OrgType including hierarchy and references. | 270139 |
| WorkdayHR | The WorkdayHR connector is enhanced to support additional attributes for Employee endpoint - Full_Time_Equivalent_Percentage, User_Language__Reference and Preferred User_Language__Reference . | 272975 |
| WorkdayHR | The WorkdayHR connector is enhanced to support a generic approach for Custom Organizations to ensure availability of Custom Organizations in the Response for Employee GET operation. | 272976 |
| SAP Cloud for Customer | The SAP Cloud for Customer connector is enhanced to support ValidityStartDate and ValidityEndDate upon account creation to handle short term contractors | 273410 |

22 April 2021 enhancements

Table 35: Connector enhancements

| Connector | Enhancements | Work item ID |
|------------------|---|--------------|
| WorkdayHR | The WorkdayHR connector is enhanced to return the gender and phone information based on customer Phone Type ID and phone information for Work. | 270811 |
| DayForce | The Dayforce connector is enhanced to support some new attributes of Employee object type for better integration at the user end. | 270408 |

8 April 2021 enhancements

Table 36: Connector enhancements

| Connector | Enhancements | Work item ID |
|-----------------|---|--------------|
| Dayforce | The Dayforce connector is enhanced to have some new Employee object type attributes added to ensure functioning of the customer site integration | 270408 |

25 March 2021 enhancements

Table 37: Connector enhancements

| Connector | Enhancements | Work item ID |
|------------------|--|--------------|
| WorkdayHR | The WorkdayHR connector has been enhanced to support write-back of the SAM Account Name, and User Name to the target system | 261351 |

15 March 2021 enhancements**Table 38: Connector enhancements**

| Connector | Enhancements | Work item ID |
|-----------------------|--|--------------|
| SuccessFactors | SuccessFactors connector is enhanced to support the filtering of User objects | 258299 |

11 March 2021 enhancements**Table 39: Connector enhancements**

| Connector | Enhancements | Work item ID |
|-------------------|---|--------------|
| Salesforce | Starling Connect users can now check passwords and permissions in Salesforce . | 264665 |

25 February 2021 enhancements**Table 40: Connector enhancements**

| Connector | Enhancements | Work item ID |
|------------------|--|--------------|
| WorkdayHR | The WorkdayHR connector has been enhanced to have the attribute for "management level" under employee resource. | 264650 |

11 February 2021 enhancements**Table 41: Connector enhancements**

| Connector | Enhancements | Work item ID |
|-------------------------|---|--------------|
| SuccessfactorsHR | The naming of the custom navigational attributes in SuccessfactorsHR connector has been enhanced to show an attributes name with their navigation class in the schema, if any. This feature is available in the SuccessFactorsHR connector version 4.0 | 261350 |
| Concur | Updated Concur connector information and mapping details. | 264605 |

| Connector | Enhancements | Work item ID |
|---------------|---|--------------|
| GSuite | Starling Connect users can now check passwords and permissions in GSuite | 113874 |

28 January 2021 enhancements

Table 42: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------|--|--------------|
| Workday HR | The WorkdayHR connector has been configured to be pre-filled with the default values for Department, Division and Asset parameters. | 262616 |

14 January 2021 enhancements

Table 43: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------------|--|--------------|
| SuccessFactorsHR | SuccessFactorsHR connector has been enhanced to support filter conditions in all the endpoints | 259508 |

17 December 2020 enhancements

Table 44: Connector enhancements

| Connector | Enhancements | Work item ID |
|------------------|---|--------------|
| Coupa | Coupa Connector has been enhanced to support granular data update of Users object type and it is exclusively available with version 3.0 of the connector. | 224766 |
| PagerDuty | Pager Duty connector documented and included in Admin Guide | 259474 |

19 November 2020 enhancements

Table 45: Connector enhancements

| Connector | Enhancements | Work item ID |
|--------------------------|---|--------------|
| SuccessFactors HR | The PerPhone endpoint of the connector enhanced to have Create/Update operations allowing to create and update the PerPhone information for an Employee | 257101 |

| Connector | Enhancements | Work item ID |
|--------------------------|---|--------------|
| SuccessFactors HR | SuccessFactors HR connector can now support the filtering of objects in the PerPhones endpoint | 255851 |
| Workday HR | Starling Connect Administrator can access the hierarchy data and other attributes as mapped in the Workday HR connector | 255842 |
| Workday HR | Delta Sync enabled for a reduced sync duration | 254864 |

27 August 2020 enhancements

Table 46: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------|--|--------------|
| Workday HR | Enhanced entity relationship synchronization in the workers/employee endpoint. | 243150 |
| Workday HR | Security enhancement by excluding personal details of the employees. | 241221 |

13 August 2020 enhancements

Table 47: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------------|---|---------------------|
| SuccessFactorsHR | The PerEmails endpoint supports the creation of email records in the PerEmail table. | 247735 |
| Connector | Enhancements | Work item ID |
| Salesforce | The connector is enhanced to handle the filter condition provided by One Identity Manager. | 243504 |
| Coupa | The connector is enhanced to support the granular update of User object thereby updating only the attributes that are updated from the One Identity Manager end. Currently, the connector updates the complete User object hence updating all the attributes in the object. | 224766 |

30 July 2020 enhancements

Table 48: Connector enhancements

| Connector | Enhancements | Work item ID |
|------------------|--|--------------|
| SuccessFactorsHR | Connector is enhanced to have both the attributes lastModifiedDateTime and lastModifiedDate in the schema. The attributes can be enabled or disabled based on their instance schema. | 246083 |

16 July 2020 enhancements

Table 49: Connector enhancements

| Connector | Enhancements | Work item ID |
|-----------|---|--------------|
| Azure AD | The connector is enhanced to support the configuration of the multi tenant connector. | 238086 |

2 July 2020 enhancements

Table 50: Connector enhancements

| Connector | Enhancements | Work item ID |
|----------------|---|--------------|
| SuccessFactors | <p>The connector is enhanced to allow you to use the Dynamic Group Update operation to update the attributes of a Dynamic Group without removing the dynamic clause that you have added for that Dynamic Group.</p> <p>This feature is available from version 2.0 onwards. In version 1.0 of the connector, the Dynamic Group Update function removes the existing dynamic clause that was added for the Dynamic Group.</p> <p>The features supported from version 2.0 onwards are:</p> <ul style="list-style-type: none"> • Static Group Update (supports only Add and Remove operations for Group Members) • Dynamic Group Update (supports Dynamic Group Update without removing the existing dynamic clauses) <p>NOTE: In version 1.0, only Dynamic Group Update is supported. Static Group Update is not supported in version 1.0.</p> | 240250 |
| SuccessFactors | The connector is enhanced to support the new | 240209 |

| Connector | Enhancements | Work item ID |
|------------|--|--------------|
| HR | <p>PerEmail endpoint that allows you to browse and synchronize the data. It also allows you to update the email address value.</p> <p>NOTE: This feature is available from version 3.0 onwards. It is not available in the earlier versions.</p> | |
| Salesforce | <p>The connector is enhanced to support the disable attributes feature for the User object.</p> <p>NOTE This feature is available from version 4.0 onwards. It is not available in the earlier versions.</p> | 239221 |

18 June enhancements

Table 51: Connector enhancements

| Connector | Enhancements | Work item ID |
|------------|--|--------------|
| Salesforce | <p>The connector has been enhanced to support:</p> <ul style="list-style-type: none"> • CRUD operation for PermissionSets endpoint. The newly added operations are: <ul style="list-style-type: none"> • Create PermissionSets • Update PermissionSets • Delete PermissionSets • assigning and unassigning Users to PermissionSets. • to set the password for User object. | 237133 |

4 June 2020 enhancements

Table 52: Connector enhancements

| Connector | Enhancements | Work item ID |
|-----------|--|--------------|
| Azure AD | <p>The connector has been enhanced to support the Give consent feature while configuring it in Starling Connect for the Azure AD single tenant application.</p> | 235654 |

7 May 2020 enhancements

Table 53: Connector enhancements

| Connector | Enhancements | Work item ID |
|--------------------------|--|--------------|
| SuccessFactors HR | <p>The connector is enhanced to allow you to create custom attributes for all the objects in Startling Connect UI in the Custom Attributes section of the Schema Configuration.</p> <p>NOTE: This feature is available from version 3.0 onwards. It is not available in the earlier versions.</p> | 225305 |
| SuccessFactors HR | <p>The connector is enhanced to support a new field, dateOfBirth, which is added as a new column on the Employees endpoint.</p> <p>NOTE:</p> <ul style="list-style-type: none"> This feature is available in the versions v.1.0, v.2.0 and v.3.0 of the connector. In versions v.1.0 and v.2.0, this feature is available as a minimal attribute. | 230932 |
| SuccessFactors HR | <p>The connector is enhanced to allow you to retrieve the future-dated rehire records along with prehire records and the existing records in the Employees endpoint.</p> <p>NOTE: This feature is available from version 2.0 onwards. It is not available in the earlier versions.</p> | 232196 |

15 April 2020 enhancements

Table 54: Connector enhancements

| Connector | Enhancements | Work item ID |
|--------------------------|---|--------------|
| SuccessFactors HR | <p>A new version v.3.0 is available for the connector, in which, you can disable or enable the attributes of all object schemas while configuring the connector.</p> <p>NOTE: This feature is available only in version 3.0 of the connector. It is not available in the earlier versions.</p> | 225308 |
| SuccessFactors | <p>The connector is enhanced to support the disable attribute feature. You can now disable or enable the attributes of the User object, including those of Enterprise User, while configuring the connector.</p> | 226396 |

| Connector | Enhancements | Work item ID |
|------------|---|--------------|
| Coupa | <p>A new version v.2.0 is available for the connector, in which, you can create custom attributes for User object in Starling Connect in the Custom Attributes section in the Schema Configuration.</p> <p>NOTE:</p> <ul style="list-style-type: none"> Coupa cloud application allows you to create custom attributes only for User objects. This feature is available only in version 2.0 of the connector. In version 1.0, the procedure to create custom attributes is different. For more information, see the section Configuring custom attributes in Starling for Coupa v.1.0 in the Starling Connect Hosted - One Identity Manager Administration Guide on the Support site. | 225306 |
| ServiceNow | <p>A new version v.2.0 is available for the connector, in which, you can create custom attributes for the Users, Groups and Roles object schemas in Starling Connect in the Custom Attributes section in the Schema Configuration.</p> <p>NOTE:</p> <ul style="list-style-type: none"> This feature is available only in version 2.0 of the connector. It is not available in version 1.0. In version 1.0, the procedure to create custom attributes is different. For more information, see the section Configuring custom attributes in ServiceNow v.1.0 in the Starling Connect Hosted - One Identity Manager Administration Guide on the Support site. | 225307 |
| Salesforce | <p>A new version v.3.0 is available for the connector, in which, you can create custom attributes for the User object schema in Starling Connect in the Custom Attributes section in the Schema Configuration.</p> <p>NOTE: This feature is available only in version</p> | 222093 |

| Connector | Enhancements | Work item ID |
|-----------|--|--------------|
| | 3.0 of the connector. It is not available in the earlier versions. | |

9 April 2020 enhancements

Table 55: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------|---|--------------|
| Coupa | The connector is enhanced to allow you to update the value of the property work-confirmation-approval-limit of the User object. Earlier, this was a ReadOnly property and now it is a ReadWrite property, which allows you to update the value. | 230324 |
| Salesforce | A new version v.2.0 is available for the connector, which has the below listed additional attributes for the User object: <ul style="list-style-type: none"> • Extension.UserPreferencesContentEmailAsAndWhen • Extension.UserPreferencesContentNoEmail • Extension.CallCenterId <p>NOTE: This feature is available only in version 2.0 of the connector. It is not available in version 1.0.</p> | 224429 |

26th March 2020 enhancements

Table 56: Connector enhancements

| Connector | Enhancements | Work item ID |
|-----------------------|---|--------------|
| RSA Archer | A new version v.2.0 is available for the connector, in which, the following fields have been removed from User Mapping and schema: <ul style="list-style-type: none"> • StreetAddress • Locality • Country • PostalCode <p>NOTE: To avoid any breakage in the existing system, these changes have been implemented only in the version 2.0 of the connector.</p> | 226015 |
| SuccessFactors | Version v.2.0 of the connector is enhanced to | 227655 |

| Connector | Enhancements | Work item ID |
|-----------|---|--------------|
| HR | <p>support the return of future hires in the current Employees endpoint.</p> <p>NOTE: This feature is available only in version 2.0 of the connector. It is not available in version 1.0.</p> | |

12 March 2020 enhancements

Table 57: Connector enhancements

| Connector | Enhancements | Work item ID |
|-----------|--|--------------|
| Okta | <p>The connector is enhanced to support the:</p> <ul style="list-style-type: none"> display of group type for Group object. implementation of permanent delete of a User object in a single call. | 222270 |

27th February 2020 enhancements

Table 58: Connector enhancements

| Connector | Enhancements | Work item ID |
|---------------|---|--------------|
| Amazon S3 AWS | The connector is enhanced to support Roles endpoint. | 221506 |

13 February 2020 enhancements

Table 59: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------|---|--------------|
| RSA Archer | The connector is enhanced to support the updation of the email ID of the user. | 220314 |
| SuccessFactors HR | <p>A new version v.2.0 is available for the connector to support the synchronization of Inactive Employee objects of SuccessFactors HR into One Identity Manager.</p> <p>NOTE: This feature is available only in version 2.0 of the connector. It is not available in version 1.0.</p> | 219616 |
| Box | The connector is enhanced to support the addition of multiple email addresses to the user account. | 201522 |

30 January 2020 enhancements

Table 60: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------|---|--------------|
| SuccessFactors HR | The connector is enhanced to support the updation of the username field for Employee Object using One Identity Manager. | 218723 |

6 January 2020 enhancements

Table 61: Connector enhancements

| Connector | Enhancements | Work item ID |
|-----------|---|--------------|
| Coupa | The connector is enhanced to support the custom logic to handle the account-security-type attribute. | 216651 |

19 December 2019 enhancements

Table 62: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------|---|--------------|
| SuccessFactors HR | The connector is enhanced to support the below listed additional endpoints: <ul style="list-style-type: none">• PerPhone• EventReason• PicklistLabel• PicklistOption | 186671 |

5 December 2019 enhancements

Table 63: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------|--|--------------|
| Amazon S3 AWS | The connector is enhanced to support the configuration of entitlements for User and Group . | 170686 |
| SuccessFactors HR | The connector is enhanced to support the below listed additional attributes for: <ul style="list-style-type: none">• Supervisor Configuration Parameters Minimal Attributes | 171886 |

| Connector | Enhancements | Work item ID |
|-----------|---|--------------|
| | <ul style="list-style-type: none"> • BusinessUnit • EmpEmployment • JobCode • Position • PerPersonal | |
| | <ul style="list-style-type: none"> • Supported objects and operations <ul style="list-style-type: none"> • JobCode • Position • EmpEmployment • PerPersonal | |

21 November 2019 enhancements

Table 64: Connector enhancements

| Connector | Enhancements | Work item ID |
|----------------|--|--------------|
| All connectors | Starling Connect is enhanced to support multiple versions of the same connector in the Starling production instance. Versioning of connectors enables administrators to choose the desired version that a customer wants to be on. | 127554 |
| Coupa | The connector is enhanced with the logic to handle custom attributes. | 170546 |

7 November 2019 enhancements

Table 65: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------|--|--------------|
| Salesforce | <p>The connector is enhanced to support the below listed additional attributes for:</p> <ul style="list-style-type: none"> • User mapping <ul style="list-style-type: none"> • Groups[].value(OnDemand) • Entitlements[].Value • Entitlements[].Display • Roles[].Value • Roles[].Display • Role mapping | 167283 |

| Connector | Enhancements | Work item ID |
|-----------|---|--------------|
| | <ul style="list-style-type: none"> • Id • DisplayName • Members[].value • Members[].display • Meta.Created • Meta.LastModified <ul style="list-style-type: none"> • Profile mapping <ul style="list-style-type: none"> • Id • DisplayName • Members[].value • Members[].display • Meta.Created • Meta.LastModified • Permission Sets mapping <ul style="list-style-type: none"> • Id • DisplayName • Members[].value • Members[].display • Meta.Created • Meta.LastModified | |

24 October 2019 enhancements

Table 66: Connector enhancements

| Connector | Enhancements | Work item ID |
|-------------------|---|--------------|
| Coupa | The connector is enhanced to support additional endpoints to manage Account Groups and User Groups for Users . | 151683 |
| ServiceNow | The connector is enhanced to support dynamic custom attributes. | 153617 |

10 October 2019 enhancements

Table 67: SuccessFactorsHR connector enhancements

| | Enhancements | Work item ID |
|--------------------------|---|---------------------|
| SuccessFactors HR | <p>The connector is enhanced to support the below listed additional attribute for Supervisor Configuration Parameters:</p> <ul style="list-style-type: none"> Minimal Attributes <p>i NOTE: The default value is false. When the value is set to true, only the minimal set of attributes for all the objects including Employee, Department, Location, CostCenter will be queried from the SuccessFactors HR system.</p> | 166908 |

12 September 2019 enhancements

Table 68: Coupa connector enhancements

| | Enhancements | Work item ID |
|--------------|--|---------------------|
| Coupa | <p>The connector is enhanced to support the below listed additional attribute for User resource type:</p> <ul style="list-style-type: none"> workConfirmationApprovalLimit | 140245 |

29 August 2019 enhancements

Table 69: Coupa connector enhancementsEnhancements

| Connector | Enhancements | Work item ID |
|------------------|--|---------------------|
| Coupa | <p>The connector is enhanced to support the below listed additional attributes for User resource type:</p> <ul style="list-style-type: none"> invoiceSelfApprovalLimit requisitionApprovalLimit requisitionSelfApprovalLimit contractApprovalLimit contractSelfApprovalLimit defaultChartOfAccountsName defaultAccountCode | 140143 |

| Connector | Enhancements | Work item ID |
|-----------|---|--------------|
| | <ul style="list-style-type: none"> defaultAccountCodeSegment1 defaultAccountCodeSegment2 defaultCurrency defaultAddressLocationCode accountSecurityType businessGroupSecurityType mentionName newUser deliveryInfo | |

16 August 2019 enhancements

Table 70: SuccessFactors HR connector enhancement

| Connector | Enhancements | Work item ID |
|-------------------|---|--------------|
| SuccessFactors HR | GETEmployees api is enhanced to work with limited set of attributes so that the endpoint synchronization does not fail with disabled attributes in the SuccessFactors HR environment of the customer. | 127509 |

18 July 2019 enhancements

Table 71: Box connector enhancement

| Connector | Enhancements | Work item ID |
|-----------|--|--------------|
| Box | The connector is enhanced to support the RFC 7643 (https://tools.ietf.org/html/rfc7643#section-2.1) IETF standards. The returnability of a property, such as, Groups attributes of User object type have to be specified by the endpoints. | 116527 |

4 July 2019 enhancements

Table 72: RSA connector enhancement

| Connector | Enhancements | Work item ID |
|------------------|---|---------------------|
| RSA Archer | Diagnostic logs are enhanced to collect counters for group member operations and status of the request responses. | 124018 |

20 June 2019 enhancements

Table 73: Test connection enhancement

| Connector | Enhancements | Work item ID |
|------------------|---|---------------------|
| All connectors | Ability to test the connection before saving the connection parameters and credentials to ensure connectivity with the target instance. | 111615 |

17 October 2018 enhancements

Table 74: RSA connector enhancement

| Connector | Enhancements | Work item ID |
|------------------|---|---------------------|
| RSA Archer | The connector is enhanced to process <i>RSA Archer ISMS Groups</i> Object types in ready-only mode. | 78017 |

Resolved issues

The following issues were resolved in this release of Starling Connect .

Resolved issues

Table 75: Resolved issues

| Resolved issue | Issue ID |
|-----------------------|-----------------|
| | |
| | |
| | |
| | |

The following issues were resolved in previous releases of Starling Connect .

14 July 2022 Resolved issues

Table 76: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| In SuccessfactorsHR , the PicklistOptions and PickListLables return the itemsPerPage count less than 500 | 311686 |
| In SuccessfactorsHR , the PickListLables returns duplicate records in the LIST response | 313281 |
| In Oracle Fusion Cloud , the userID was not mapped under Employee schema | 314860 |

30 Jun 2022 Resolved issues

Table 77: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| Oracle Fusion Schema: Membership properties should have a uniqueness of none. | 313392 |

2 Jun 2022 Resolved issues

Table 78: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| In Successfactors , the correct mappings have been added for the 'locale' attribute. | 309000 |

19 May 2022 Resolved issues

Table 79: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| In SuccessfactorsHR , the connector fails to regenerate the access token when OData API returns 403 | 307877 |

21 April 2022 Resolved issues

Table 80: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| In SuccessfactorsHR , the attributes are missing in pagination and some of them have wrong value | 303913 |

7 April 2022 Resolved issues

Table 81: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| In Workday HR , Future Dated Endpoint is unable to read the Current Termination date | 305839 |

29 March 2022 Resolved issues

Table 82: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| In WorkdayHR , the Request Time Out time is increased on demand | 305077 |
| In WorkdayHR , fixed the error where a past dated Employee record shows an validation error in futureDatedEmployee endpoint | 305078 |
| In WorkdayHR , fixed the error where Manager WID could not be retrieved in the Employee Endpoint on the effective day of employee | 305079 |

24 March 2022 Resolved issues

Table 83: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| In SuccessFactorsHR , the resource type indication in resource representation's meta attribute and resource type descriptor (on /ResourceTypes) was inconsistent | 302685 |

10 March 2022 Resolved issues

Table 84: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| In Zendesk , OneIM gives "400 Bad Request" error during while browsing from the target system | 302058 |

24 February 2022 Resolved issues

Table 85: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| In WorkdayHR , the connectivity issue from Starling portal test connection fixed | 301833 |

10 February 2022 Resolved issues

Table 86: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| In WorkdayHR , the field over ride values not visible in futureDatedEmployees | 300360 |
| In Successfactors HR , the MatrixManager attribute is missing in Employee response | 299326 |

13 January 2022 Resolved issues

Table 87: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| In WorkdayHR , the Descriptor parameter for Last Name Suffix data added | 298146 |

30 December 2021 Resolved issues

Table 88: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| In OneLogin , the users get validation error with a non-mandatory field "locale", at the target system. | 297459 |

16 December 2021 Resolved issues

Table 89: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| In WorkdayHR , NullReference Error on Last Suffix Name Data while browsing Employee EndPoint | 297259 |

2 December 2021 Resolved issues

Table 90: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| In WorkdayHR , NullReference check for GetEmployeesByID in Employee Endpoint | 294335 |

19 November 2021 Resolved issues

Table 91: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| In WorkdayHR , NullReference check for GetEmployeesByID in Employee Endpoint | 294335 |

5 November 2021 Resolved issues

Table 92: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| In OneLogin , behavior change in the authentication API managed | 292086 |
| In SuccessFactorsHR , multi level navigation is not supported in version 3 and version 5 when Activate custom attributes with full name flag is off | 291868 |
| In SuccessFactorsHR , endpoints return an error "Invalid filter condition" when filter is applied on 'id' | 291259 |

21 October 2021 Resolved issues

Table 93: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| Few endpoints in SuccessFactorsHR connector do not have lastModified attribute value in v5.0 | 290422 |
| Fixed the discrepancies in the datetime values of Position endpoint's meta attributes in SuccessFactorsHR | 290597 |
| In WorkdayHR , handled null values for CustomOrgs due to inconsistent data in Dev Environment | 290846 |

7 October 2021 Resolved issues

Table 94: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| In SuccessFactorsHR , the meta.lastModified is missing in employees endpoints in versions 4.0 | 289368 |
| Few endpoints in SuccessFactorsHR connector do not have meta.lastModified attribute in v4.0 | 289999 |

23 Sep 2021 Resolved issues

Table 95: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| In the Starling Connect Connectors for SalesForce connector, an error message is displayed if the result after applying the filters is empty. | 247684 |

20 Sep 2021 Resolved issues

Table 96: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| Enhanced integration with One Identity Manager for SuccessFactorsHR connector, by fixing the timeout/network socket issues. | 287807 |

26 Aug 2021 Resolved issues

Table 97: General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| For SuccessFactorsHR , the Connector returns a 500 Internal Server Error, when ever there is a 451 Error from the target system. | 221148 |
| Invalid request validation error after correctly configuring the Field Override Integration System ID param in WorkdayHR . | 286676 |
| Target system browser throws an exception when the response from the connector is empty or null when filter conditions are applied as a system filter in one identity manager. | 258567 |
| Unable to get values of Navigational attributes with same name as of default attributes. | 259992 |
| The apostrophe (') in the filter criteria is not supported. | 282012 |

26 Aug 2021 Resolved issues**Table 98: General resolved issues**

| Resolved issue | Issue ID |
|--|-----------------|
| The SuccessfactorsHR connector returns error 404 for the resources that exist. | 285100 |
| For the SuccessfactorsHR , the response code for invalid objects is Server Error 500. | 260742 |

12 Aug 2021 Resolved issues**Table 99: General resolved issues**

| Resolved issue | Issue ID |
|--|-----------------|
| Connectors were unable to handle the GET requests from the resources with "/" in resource ID | 284862 |

23 Jul 2021 Resolved issues**Table 100: General resolved issues**

| Resolved issue | Issue ID |
|---|-----------------|
| For WorkdayHR , the customer cannot create a person object in OneIM manager since the FirstName & LastName are unavailable for few Objects | 280995 |
| For SuccessFactors HR , Employees endpoint returns future-dated records along with effective-dated employees | 282721 |

15 Jul 2021 Resolved issues

Table 101: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| Handling of special characters in the SuccessFactorsHR odata API | 280995 |

1 Jul 2021 Resolved issues

Table 102: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| Adaptation of inclusive Language in all documents of Starling Connect Connectors | 374825 |

22 June 2021 Resolved issues

Table 103: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| For Workday HR , the worker id attribute was unavailable in the Get All call in the Employee endpoint | 278848 |

6 May 2021 Resolved issues

Table 104: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| Dayforce connector is unable to perform DeltaSync operation in Dayforce Connector. | 261979 |
| Provided a fix for the Dayforce connector synchronization issue due to request rate limits at the target | 272942 |

15 March 2021 Resolved issues

Table 105: General resolved issues

| Resolved issue | Issue ID |
|---|-----------------|
| SuccessFactors connector fails in synchronization and integration due to TimeOut and Group membership issues. | 267242 |
| One Identity Manager synchronization with SuccessFactor Starling Connect throws errors when a Dynamic Group refers another module. | 256732 |
| SuccessFactorsHR connector gives a 500 Internal Server Error while processing Contingent Workers. | 268675 |

11 February 2021 Resolved issues

Table 106: General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| Removed redundant and conflicting information from Dayforce and PagerDuty connectors in One Identity admin guide | 265480 |

14 January 2021 Resolved issues

Table 107: General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| Workday HR mappings updated in the documentation according to the XML standards | 258617 |
| Documentation updated with information on writing group membership restriction to SuccessFactor connector | 257870 |
| Updated the admin guide with information to provide values for customer specific configuration parameters. | 260883 |

17 December 2020 Resolved issues

Table 108: General resolved issues

| Resolved issue | Issue ID |
|---|-----------------|
| Provided a fix for the PerPhones endpoint schema to prevent synchronization project verification error and synchronization failure | 260259 |
| Updated the Admin Guide to specify the permission level required on Salesforce instance for the connector to work | 258709 |

9 December 2020 Resolved issues

Table 109: General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| Provided a fix for the Salesforce connector where removing the members from a group shows error | 260061 |

4 December 2020 resolved issues

Table 110: General resolved issues

| Resolved issue | Issue ID |
|---|-----------------|
| Provided a fix for the custom attributes feature where the values of existing custom navigation attributes return NULL on execution of synchronization. | 259993 |

3 December 2020 resolved issues

Table 111: General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| Provided the fix for custom attributes feature having issues with DateTime fields not getting parsed as DateTime fields. | 259407 |
| Provided the fix for custom attributes feature navigation attributes that return null values on ' GET ' calls when added as custom attributes on an endpoint. | 258543 |

5 November 2020 resolved issues

Table 112: General resolved issues

| Resolved issue | Issue ID |
|---|-----------------|
| For the Salesforce connector, provided a fix to change the Name of the Permission Set without affecting its Label . | 256743 |

22 October 2020 resolved issues

Table 113: General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| For the SuccessFactors HR connector, the PerPhones endpoint returns fewer records than expected due to incorrect mapping of Id . Provided a fix for the same. | 255613 |

| Resolved issue | Issue ID |
|---|----------|
| For the SuccessFactors HR connector version 3.0, the update email address operation fails when the business phone is disabled in the instance. | 255760 |

1 October 2020 resolved issues

Table 114: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| For the SuccessFactors HR connector, for the Employee endpoint, the number of items returned per page to all versions of the connector from v.2.0, is being reduced in subsequent calls. Provided a fix for the same. | 254224 |

24 September 2020 resolved issues

Table 115: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| For the Facebook Workspace connector, updated the Starling Connect Administration Guide with the steps to retrieve the API key from the target system. | 253235 |

27 August 2020 resolved issues

Table 116: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| For the SuccessFactors HR connector version 3.0, the Company Value is empty on the EmpJob(Employee) endpoint. | 251345 |

2 July 2020 resolved issues

Table 117: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| For the Coupa connector, de-provisioning of membership freezes in One Identity Manager for the Roles and Groups attributes of User object. Provided a fix for this issue. | 241799 |
| For the SuccessFactors HR connector, provided the fix to prevent the customer from disabling the mandatory attributes code and type in the | 241777 |

| Resolved issue | Issue ID |
|----------------|----------|
|----------------|----------|

Positions endpoint.

| | |
|--|--------|
| For the SuccessFactors HR connector, disabling a sub attribute of a complex attribute in the schema of the connector, does not remove it from the query. Provided a fix for this issue. | 241797 |
|--|--------|

18th June 2020 resolved issues

Table 118: General resolved issues

| Resolved issue | Issue ID |
|----------------|----------|
|----------------|----------|

| | |
|---|--------|
| For the Workday HR connector, provided the fix to allow you to synchronize more than 500 objects from the application to One Identity Manager. | 239425 |
|---|--------|

| | |
|--|--------|
| For the Salesforce connector, changing the password of a user account on the One Identity Manager side, does not update the new password in the Salesforce application for User Create and User Update operations. The old password still works in the Salesforce application. Provided the fix for this issue. | 240411 |
|--|--------|

| | |
|---|--------|
| For the Coupa connector, provided the fix for the issue of the existing value of the InvoiceSelfApprovalLimit attribute being removed when the value of any other attribute is updated. | 240206 |
|---|--------|

4th June 2020 resolved issues

Table 119: General resolved issue

| Resolved issue | Issue ID |
|----------------|----------|
|----------------|----------|

| | |
|---|--------|
| For the SuccessFactors HR connector version 3.0, provided the fix to accommodate the changes in the disabled attributes in the Update operation for Employees endpoint | 237473 |
|---|--------|

| | |
|---|--------|
| For the Coupa connector, provided the fix to unset the values of the existing approval limits. | 235518 |
|---|--------|

| | |
|---|--------|
| For the Salesforce connector, provided the fix for the Get User by ID query attributes for the connector v.1.0. | 237918 |
|---|--------|

NOTE: These attributes are supported from connector version v.2.0 onwards.

7 May 2020 resolved issues

Table 120: General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| For the Coupa connector, the user creation operation fails in OneIM8.1.2 with HF#32901 since Meta~location is treated as a mandatory attribute. NOTE: In OneIM8.1.2 with HF#32901 , when the parent attribute is declared mandatory, its child attributes are treated as mandatory. Hence, the child attribute Meta~location was treated as a mandatory attribute though it was declared non-mandatory in the connector Schema. | 233642 |

9 April 2020 resolved issues

Table 121: General resolved issues

| Resolved issue | Issue ID |
|---|-----------------|
| Two different STS IP addresses are available, one each for the West US and East US regions. | 229285 |

12 March 2020 resolved issues

Table 122: General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| For the Salesforce connector, in the section Setting a trial account on Salesforce To setup a trial account in the Starling Connect Connectors Administration Guide, the url https://app.getpostman.com/oauth2/callback must be used just to configure the trial account and not as a browsing link. | 226930 |
| For the Coupa connector, the connector limitations were updated. | 227576 |

27th February 2020 resolved issues

Table 123: General resolved issues

| Resolved issue | Issue ID |
|---|-----------------|
| For the Coupa connector, the logic to set account-security-type value has been updated with the valid account groups members count. | 223650 |

30 January 2020 resolved issues

Table 124: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| For the SuccessFactors connector, the Starling Connect Connectors Administration Guide has a typo in the additional outbound IP address for West US. The correct outbound IP address is 104.40.57.101 but it was written as 10.40.57.101 in the Starling Connect Connectors Administration Guide. | 221058 |

6 January 2020 resolved issues

Table 125: General resolved issues

| Resolved issue | Issue ID |
|--|----------|
| For the SuccessFactors HR connector, the Starling Connect Connectors Administration Guide should have a mapping table for the Target System Object and the corresponding endpoint. | 216825 |
| For the SuccessFactors HR connector, based on the performance analysis on the SR, it was found that the Employee Object synchronization is taking many hours due to the duplicate records being returned by the connector while running a synchronization using the One Identity Manager. | 216826 |

19 December 2019 resolved issues

Table 126: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| For the SuccessFactors HR connector, the Starling Connect Connectors Administration Guide does not show the correct mapping of SCIM schema and target system attributes. | 215770 |
| For the SuccessFactors HR connector, the Target System Browser does not display some columns for the Employee Object. | 216016 |

11 December 2019 resolved issues

Table 127: General resolved issues

| Resolved issue | Issue ID |
|---|----------|
| In Starling Connect Connectors for SuccessFactors HR , Error 400 is displayed while browsing BusinessUnits , Companies and Divisions. | 215599 |
| The Starling connector is unable to fetch some of the attributes of the Employee object for SuccessFactors HR . | 215600 |

| Resolved issue | Issue ID |
|--|-----------------|
| The Coupa connector has been updated to remove the custom attributes new-user and delivery-info-on-user-record from mapping and schema. This is populated based on the custom configuration in the Starling portal while registering the connector. | 184406 |

21 November 2019 resolved issues

Table 128: General resolved issues

| Resolved issue | Issue ID |
|---|-----------------|
| User update operation fails when the members of Role or Groups has members without the Id field. | 170605 |
| Custom logic implemented in Coupa connector to handle the account-security-type attribute. | 170319 |
| SuccessFactorsHR Employees are not getting loaded in the target system browser and Synchronization process. | 171916 |

24 October 2019 resolved issues

Table 129: General resolved issues

| Resolved issue | Issue ID |
|---|-----------------|
| When the Password policy is enabled in the Archer Cloud application, the update operation on the RSA Archer User Object type will fail. | 167633 |

1 October 2019 resolved issues

Table 130: General resolved issues

| Resolved issue | Issue ID |
|---|-----------------|
| OneIM synchronization process does not get all the Users. It always takes only 500 Users from the Coupa cloud system. | 153550 |

4 July 2019 resolved issues

Table 131: General resolved issues

| Resolved issue | Issue ID |
|---|-----------------|
| In Starling Connect Connectors for SuccessFactors, performance enhancement by removing additional calls made during User retrieval. Logging is enabled to log the resource count in trace messages of App Insights. NOTE: Update the synchronization shell or create a new synchronization shell in One Identity Manager as the changes are introduced in the schema. Roles and Group Memberships are removed in the schema. | 125091 |

20 June 2019 resolved issues

Table 132: General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| For the Starling Connect Connector RSA Archer, the ISMS group properties that is leads , leadBackup , and coaches now support multi-value. The schemas for these properties are updated from 'type': 'string' and 'multiValued': false to 'type': 'complex' and 'multiValued': true . NOTE: Update the synchronization shell or create a new synchronization shell in One Identity Manager as the changes are introduced in the schema for ISMS attributes. | 121821 |

9 May 2019 resolved issues

Table 133: General resolved issues

| Resolved issue | Issue ID |
|---|-----------------|
| Optimized logging capability by excluding 503 error code from being logged as an exception in app insights. | 113284 |

28 February 2019 resolved issues

Table 134: General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| In Starling Connect Connectors for RSA Archer, error 500 is displayed when special characters are used during User Provisioning. | 107843 |

31 January 2019 resolved issues

Table 135: General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| In Starling Connect Connector for RSA Archer, the connector endpoint responses are slow. | 105558 |

17 January 2019 resolved issues

Table 136: General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| In Starling Connect Connector for ServiceNow, the password does not get encrypted. | 103029 |

22 November 2018 resolved issues

Table 137: General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| In Starling Connect Connector for RSA Archer, it is not possible to remove a user from certain groups. | 97716 |

25 October 2018 resolved issues

Table 138: General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| The runtime versions of all the connectors are incorrectly pinned. | 80025 |

15 August 2018 resolved issues

Table 139: General resolved issues

| Resolved issue | Issue ID |
|---|-----------------|
| In Salesforce instances containing huge number of users and groups, Starling Connect – Connectors may log many server exceptions. | 32425 |
| On entering wrong credentials, the Salesforce connector fails and error 500 is seen. | 51042 |
| The Salesforce TokenManager uses .Result instead of <code>async/await</code> . | 51044 |

Known issues

The following is a list of issues, including those attributed to third-party products, known to exist at the time of release.

Table 140: General known issues

| Known issue | Issue ID |
|--|----------|
| <p>The initial full synchronization at One Identity Manager is unable to complete as the Dayforce APIs have rate limits in place and the error with HTTP status code 429 is returned when requesting more that 100 resources in a minute .</p> <p>Workaround</p> <p>Delay each request in the connector for a configured amount of time (say 500ms) to avoid the issue of rate limit.</p> | 272942 |
| <p>In the Starling Connect Connectors for Salesforce connector, unable to list the users by applying filters for preferredLanguage attribute. For the results to be displayed in the TargetBrowser, use an underscore (_) instead of a hyphen (-).</p> | 247747 |
| <p>In the Starling Connect Connectors for Apigee connector, Get All Users does not return the displayName as it is not available in the target system. However, Get User by ID returns the display name with the other available attributes of the User.</p> | 248823 |
| <p>In the Starling Connect Connectors for Apigee connector, Create User operation fails intermittently and an Internal Server Error 500 is displayed due to the Target system API behavior.</p> | 249099 |
| <p>In the Starling Connect Connectors for Apigee connector, the Get All and Create User operations may occasionally take more time to respond for requests.</p> | 249101 |
| <p>In the Starling Connect Connectors for SalesForce connector, unable to list the users by applying filters for all extension attributes, complex sub-attributes, and some of the core attributes.</p> | 247888 |
| <p>In the Starling Connect connector for WebEx connector, an inappropriate error message is displayed after clicking Give Consent on the General Configuration window. To resolve the issue, provide the redirect URL in the integration app of WebEx.</p> | 246951 |
| <p>Starling Connect does not support special characters with the exceptions of a few such as @, +, _, - and so on in the object ID, for example, User ID and Group ID.</p> | 242120 |

| Known issue | Issue ID |
|--|----------|
| The connectors that have this issue are | |
| <ul style="list-style-type: none"> • AmazonS3AWS • Crowd • JiraServer • Apigee | |
| In the Starling Connect connector for Azure AD connector, in the Prod EU environment, only the single tenant connector configuration is available. | 245986 |
| In Starling Connect Connector for the Salesforce v.4.0 connector, you can disable a mandatory child attribute by disabling its parent attribute for the User object. For example, the mandatory child attribute familyName under the parent attribute name in the User object is disabled when you disable its parent attribute. This is not the recommended practice and you should not be to disable a mandatory child attribute by disabling its non-mandatory parent attribute. | 242091 |
| In Starling Connect Connector for the SuccessFactors HR connector, if a custom attribute has the character / or \ as part of attribute navigation, you must replace these characters with \$\$ when you enter the custom attribute in Starling Connect. | 233632 |
| Starling connect UI does not validate the custom attributes that are configured in the cloud application. Hence, make sure that the valid custom attributes are configured in Starling Connect UI. This is common for all connectors that allow you to configure custom attributes in Starling Connect UI. | 228146 |
| In Starling Connect Connector for the RSA Archer connector, the GET Users endpoint returns \n in the address attribute. This is in line with the response received from the RSA Archer target system API call. Starling Connect would not remove this \n new line character in the response to avoid displaying the complete address in a single line, without line breaks, in One Identity Manager Endpoint. | 227763 |
| In Starling Connect Connector for the Hideez connector, One Identity Manager Integration cannot use the existing synchronization templates. The endpoints provided by Hideez are different when compared to that of other Starling connectors. And, none of the existing One Identity Manager Synchronization templates that are available for SCIM Connector or CHS modules template would work with Hideez endpoints. | 220412 |
| In Starling Connect Connector for the Hideez connector, appropriate error messages are not being displayed. | 220065 |
| In Starling Connect Connector for Concur, after deleting the user on One Identity Manager, an error message is displayed that the request could not be | 114620 |

| Known issue | Issue ID |
|--|----------|
| completed successfully though the user is deleted in the target instance. Note this error does not affect the functionality as the user is already deleted. | |
| In Starling Connect Connector for SAP Cloud Platform, Password Policy must be applied appropriately in One Identity Manager to enable the User Create feature to work successfully. | 51186 |
| In Starling Connect Connector for Facebook Workplace, to use a group, the group must contain at least one member. | 51185 |
| In Starling Connect Connector for Facebook Workplace, removing the last member of a group deletes the group automatically. | 51170 |
| In Starling Connect Connector for JIRA Server, deletion of a group is not allowed. | 51518 |
| In Starling Connect Connector for RSA Archer, it is not possible to have multiple log-ins with the same instance. | 53534 |
| In Starling Connect Connector for JIRA Server, the <i>Get Specific Group</i> request, that has special characters from the Supervisor returns <i>404 Not Found</i> error. | 51276 |
| When an incorrect SCIM or target URL, such as an invalid cloud instance URL is configured in the Supervisor, the error code 404 and error message <i>Invalid cloud endpoint</i> must be displayed. However, the expected error code and message are not displayed in all the cases. This issue is applicable to all the connectors. | 54659 |
| In Starling Connect Connector for Dropbox, a user is not able to update optional field values to blank values. | 88925 |
| In Starling Connect Connector for Dropbox, results are displayed to an end user, even when the <i>startIndex</i> value is greater than the <i>TotalResults</i> . | 88927 |
| In Starling Connect Connector for RSA Archer, an error is displayed if a user is created using an incorrect locale value . | 98585 |
| In Starling Connect Connector for RSA Archer, when the last pagination request is sent, the next cursor comes up. | 99100 |
| In Starling Connect Connector for Insightly, certain Group names are not displayed in the Manager console, in the 7.1.4 version of One Identity Manager. | 102317 |
| In Starling Connect Connector for Insightly, an error is returned, in the Target system browser for Groups, in the 8.0.2 version of One Identity Manager, with HF 30426 | 102344 |
| In Starling Connect Connector for Egnyte, a successful response is received when the <i>Get User</i> operation is requested, when the Password field is left | 104777 |

| Known issue | Issue ID |
|--|----------|
| blank. | |
| In Starling Connect Connector for Egnyte, creation of user fails if a special character is provided in the userName field. | 105413 |
| In Starling Connect Connector for Egnyte, the sync fails if the number of groups is more than ten for a trial account. | 105441 |
| In Starling Connect Connector for Atlassian JIRA Confluence, the pagination for users is truncated to the first 1000 resources, beyond which the users are not displayed. | 127066 |
| In Starling Connect Connector for Atlassian JIRA Confluence, SCIM to UCI synchronization does not have all the user accounts as the email address is not available in the cloud user response. | 127068 |
| In Starling Connect Connector for Coupa, the implementation of Group and Role memberships are User centric operations. This is because the Coupa target system does not provide dedicated APIs to work with Groups and Roles object types. As a work around, the endpoint or client system has to be customized for successful integration of Groups and Roles memberships. | 128542 |
| When both the East US and West US App Services are not available, the 500 Internal Server Error, with the message "An Error occurred while sending the request", is displayed. This is because the Cloud application RSA Archer always returns the error message as 500 Internal Server Error. This issue is common for all connectors. | 139480 |

System requirements

Before using the 22 September 2022 Starling Connect release, ensure that your system meets the below mentioned requirements.

Table 141: Supported desktop browsers

| Browser | Minimum OS/platform | Version |
|-------------------|-------------------------------|-----------------|
| Internet Explorer | Windows 7 | 11 |
| Google Chrome | Windows 10, Mac OS X Yosemite | Latest |
| Mozilla Firefox | Windows 8.1 | Latest |
| Microsoft Edge | Windows 10 | Latest |
| Safari | Mac OS X Yosemite | See OS/Platform |
| Browser | Minimum OS/platform | Version |

Table 142: Supported mobile browsers

| Browser | Minimum OS/platform | Version |
|---------------|---------------------|---------|
| Google Chrome | Android | Latest |
| Safari | iOS | Latest |

NOTE: Starling as well as some of the services to which you can subscribe are compatible with mobile devices. Also, be aware that due to space constraints some tables may be condensed when viewed in portrait mode to only display key columns.

Product licensing

Use of this software is governed by the Software Transaction Agreement found at <http://www.oneidentity.com/legal/sta.aspx> and the SaaS Addendum at <http://www.oneidentity.com/legal/saas-addendum.aspx>. This software requires an activation or license key to operate.

More resources

Additional information is available from the following:

- [Online product documentation](#)
- [Starling online community](#)

Globalization

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release is Unicode-enabled and supports any character set. In this release, all product components should be configured to use the same or compatible character encodings and should be installed to use the same locale and regional options. This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe, Far-East Asia, Japan. It supports bidirectional writing (Arabic and Hebrew). The release supports Complex Script (Central Asia – India, Thailand).

About us

One Identity solutions eliminate the complexities and time-consuming processes often required to govern identities, manage privileged accounts and control access. Our solutions enhance business agility while addressing your IAM challenges with on-premises, cloud and hybrid environments.

Contacting us

For sales and other inquiries, such as licensing, support, and renewals, visit <https://www.oneidentity.com/company/contact-us.aspx>.

Technical support resources

Technical support is available to One Identity customers with a valid maintenance contract and customers who have trial versions. You can access the Support Portal at <https://support.oneidentity.com/>.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to videos at www.YouTube.com/OneIdentity
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product

Copyright 2022 One Identity LLC.

ALL RIGHTS RESERVED.

This guide contains proprietary information protected by copyright. The software described in this guide is furnished under a software license or nondisclosure agreement. This software may be used or copied only in accordance with the terms of the applicable agreement. No part of this guide may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording for any purpose other than the purchaser's personal use without the written permission of One Identity LLC .

The information in this document is provided in connection with One Identity products. No license, express or implied, by estoppel or otherwise, to any intellectual property right is granted by this document or in connection with the sale of One Identity LLC products. EXCEPT AS SET FORTH IN THE TERMS AND CONDITIONS AS SPECIFIED IN THE LICENSE AGREEMENT FOR THIS PRODUCT, ONE IDENTITY ASSUMES NO LIABILITY WHATSOEVER AND DISCLAIMS ANY EXPRESS, IMPLIED OR STATUTORY WARRANTY RELATING TO ITS PRODUCTS INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. IN NO EVENT SHALL ONE IDENTITY BE LIABLE FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL, PUNITIVE, SPECIAL OR INCIDENTAL DAMAGES (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, BUSINESS INTERRUPTION OR LOSS OF INFORMATION) ARISING OUT OF THE USE OR INABILITY TO USE THIS DOCUMENT, EVEN IF ONE IDENTITY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. One Identity makes no representations or warranties with respect to the accuracy or completeness of the contents of this document and reserves the right to make changes to specifications and product descriptions at any time without notice. One Identity does not make any commitment to update the information contained in this document.

If you have any questions regarding your potential use of this material, contact:

One Identity LLC.
Attn: LEGAL Dept
4 Polaris Way
Aliso Viejo, CA 92656

Refer to our Web site (<http://www.OneIdentity.com>) for regional and international office information.


Patents

One Identity is proud of our advanced technology. Patents and pending patents may apply to this product. For the most current information about applicable patents for this product, please visit our website at <http://www.OneIdentity.com/legal/patents.aspx>.

Trademarks

One Identity and the One Identity logo are trademarks and registered trademarks of One Identity LLC. in the U.S.A. and other countries. For a complete list of One Identity trademarks, please visit our website at www.OneIdentity.com/legal. All other trademarks are the property of their respective owners.

Legend

-  **WARNING: A WARNING icon highlights a potential risk of bodily injury or property damage, for which industry-standard safety precautions are advised. This icon is often associated with electrical hazards related to hardware.**

-  **CAUTION: A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.**