

Starling Connect

Release Notes

11 March 2025

These release notes provide information about the 11 March 2025 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.

- **SuccessFactorsHR** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

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

5 March 2025 new features

- **SuccessFactorsHR** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

17 January 2025 new features

- **SuccessFactorsHR** connector bug fix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

10 January 2025 new features

- **Okta** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

19 December 2024 new features

- **SuccessFactors HR** connector bug fix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

9 December 2024 new features

- **Tableau** connector enhancement.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

5 December 2024 new features

- **SuccessFactors HR** connector bug fix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

21 November 2024 new features

- **SuccessFactors** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

12 November 2024 new features

- **SuccessFactors** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

21 October 2024 new features

- **SuccessFactors HR** connector bug fix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

15 October 2024 new features

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

14 October 2024 new features

- **Oracle Fusion Cloud** connector resolved issue.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

20 September 2024 new features

- **SuccessFactors HR** connector resolved issue.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

16 September 2024 new features

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

10 September 2024 new features

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

06 September 2024 new features

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

30 August 2024 new features

- **RSA Archer** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

21 August 2024 new features

- **Atlassian Cloud** and **SuccessFactors HR** connectors bug fix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

01 August 2024 new features

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

30 July 2024 new features

- **Chipsoft** connector bug fix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

23 July 2024 new features

- **AWS IAM** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

19 July 2024 new features

- **AWS IAM** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

17 July 2024 new features

- **SuccessFactors** connector bug fix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

11 July 2024 new features

- **Chipsoft** and **SuccessFactors HR** connector bug fixes.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

10 July 2024 new features

- **ServiceNow** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

26 June 2024 new features

- **Salesforce** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

21 June 2024 new features

- **Oracle IDCS** connector enhancement.
- **SuccessFactors** connector bug fix.
- See also:
 - [Enhancements](#)
 - [Resolved Issues](#)
 - [Known issues](#)

14 June 2024 new features

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

13 June 2024 new features

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

12 June 2024 new features

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

06 June 2024 new features

- **Salesforce** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

05 June 2024 new features

- **Atlassian Cloud** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

28 May 2024 new features

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

10 May 2024 new features

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

19 April 2024 new features

- **SuccessFactors HR** connector bug fix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

17 April 2024 new features

- **Dayforce** connector bug fix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

12 April 2024 new features

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

4 April 2024 new features

- **Azure AD** connector bugfix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

3 April 2024 new features

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

26 March 2024 new features

- **Oracle Fusion Cloud** connector enhancement.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

22 March 2024 new features

- **Dayforce** and **SuccessFactors HR** connector enhancements.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

8 March 2024 new features

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

1 March 2024 new features

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

28 February 2024 new features

- **Salesforce** connector fix.
- **Workday HR** connector enhancement.

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

22 February 2024 new features

- **Okta** connector fix.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

9 February 2024 new features

- **Atlassian Cloud** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

7 February 2024 new features

- **Atlassian Cloud** connector is released and can be used for provisioning and de-provisioning resources.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

30 January 2024 new features

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

25 January 2024 new features

- **UKG Pro** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

23 January 2024 new features

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

11 January 2024 new features

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

27 December 2023 new features

- **SuccessFactors HR** connector bug fix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

21 December 2023 new features

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

8 December 2023 new features

- **Salesforce** connector enhancement and bug fix.
- See also:
 - [Enhancements](#)
 - [Resolved Issues](#)
 - [Known issues](#)

6 December 2023 new features

- **Azure DevOps** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

24 November 2023 new features

- **Workday HR** connector bugfix.
- Added a known issue for **Salesforce** connector.

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

20 November 2023 new features

- **Salesforce** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

16 November 2023 new features

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

15 November 2023 new features

- **Azure DevOps** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

7 November 2023 new features

- **Azure DevOps** connector enhancement.
- **ServiceNow** connector bug fix.
- See also:
 - [Resolved Issues](#)
 - [Enhancements](#)
 - [Known issues](#)

26 October 2023 new features

- **WorkdayHR, COUPA** connector bugfixes.
- **ServiceNow** connector enhancement.
- See also:
 - [Resolved Issues](#)
 - [Enhancements](#)
 - [Known issues](#)

20 October 2023 new features

- **Salesforce** connector bugfix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

04 October 2023 new features

- **Azure DevOps** connector enhancement.
- **UKG Pro** connector is released, and it can be used to READ the employee resources.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

29 September 2023 new features

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

14 September 2023 new features

- **Azure DevOps** connector is released, and it can be used for provisioning or de-provisioning user resources.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

11 September 2023 new features

- **AWS IAM S3** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

7 September 2023 new features

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

6 September 2023 new features

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

5 September 2023 new features

- **Concur** connector enhancement.
- **Coupa** connector bug fix.
- See also:
 - [Resolved Issues](#)
 - [Enhancements](#)
 - [Known issues](#)

29 August 2023 new features

- **OneLogin** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

21 August 2023 new features

- **Majesco** connector bug fix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

16 August 2023 new features

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

8 August 2023 new features

- **OneLogin** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

19 July 2023 new features

- **Coupa** connector enhancement.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

14 July 2023 new features

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

10 July 2023 new features

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

7 July 2023 new features

- **Docusign** connector bugfix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

27 June 2023 new features

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

12 June 2023 new features

- **SuccessFactors HR** connector bugfix.
- See also:
 - [Resolved Issues](#)
 - [Known issues](#)

1 June 2023 new features

- **Workday HR** connector enhancements.
- **Salesforce** connector bugfix.

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

18 May 2023 new features

- **SuccessFactors HR, Salesforce and ServiceNow** connectors bug fixes.
- **SuccessFactors, OneLogin and Okta** connectors enhancements.
- See also:
 - [Enhancements](#)
 - [Resolved Issues](#)
 - [Known issues](#)

4 May 2023 new features

- **SuccessFactors HR** connector bug fix and enhancements.
- See also:
 - [Enhancements](#)
 - [Resolved Issues](#)
 - [Known issues](#)

20 April 2023 new features

- **PingOne Platform and Azure Infrastructure** connector enhancements.
- See also:
 - [Enhancements](#)
 - [Known issues](#)

11 April 2023 new features

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

6 April 2023 new features

- **Okta, Majesco and WorkDay HR** connector enhancements.
- **SuccessFactor HR** bug fixes.
- See also:
 - [Resolved issues](#)
 - [Enhancements](#)
 - [Known issues](#)

23 March 2023 new features

- **Concur, Workday HR** and **PingOne Platform** connector enhancements.
- **SuccessFactor HR** bug fixes.
- See also:
 - [Resolved issues](#)
 - [Enhancements](#)
 - [Known issues](#)

9 March 2023 new features

- **AzureAD, ChipSoft** and **Azure Infrastructure** connector enhancements.
- **WorkdayHR** bug fixes.
- **PingOne Platform** connector is released, and it can be used for provisioning or de-provisioning resources.
- See also:
 - [Resolved issues](#)
 - [Enhancements](#)
 - [Known issues](#)

23 February 2023 new features

- **SuccessFactorHR** connector bug fixes.
- **Azure Infrastructure** connector enhancements.
- See also:
 - [Resolved issues](#)
 - [Enhancements](#)
 - [Known issues](#)

9 February 2023 new features

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

26 January 2023 new features

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

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

12 January 2023 new features

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

29 December 2022 new features

- **Oracle Fusion Cloud** and **SuccessFactorHR** connector bug fixes.
- See also:
 - [Resolved issues](#)
 - [Known issues](#)

15 December 2022 new features

- **Discourse** connector is released and it can be used for provisioning or de-provisioning resources.
- **Testrail** connector is released and it can be used for provisioning or de-provisioning resources.
- **SuccessFactorHR** connector bug fixes and enhancements.
- **Facebook Workplace** connector enhancements.
- See also:
 - [Resolved issues](#)
 - [Enhancements](#)
 - [Known issues](#)

1 December 2022 new features

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

17 November 2022 new features

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

3 November 2022 new features

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

22 October 2022 new features

- **Workday HR** connector enhancement.
- **Amazon S3 AWS** connector renamed.
- **SuccessFactors** connector bug fixes.
- See also:
 - [Resolved issues](#)
 - [Enhancements](#)
 - [Known issues](#)

22 September 2022 new features

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

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 .

11 March 2025

Table 1: Connector enhancements

Connector	Enhancements	Work item ID
SuccessFactorsHR	The connector is enhanced to support new endpoint EmpEmploymentTerminations.	477930

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

5 March 2025 enhancements

Table 2: Connector enhancements

Connector	Enhancements	Work item ID
SuccessFactorsHR	<p>The connector is migrated to Kubernetes (this release has a breaking change with respect to the IP addresses).</p> <p>Following will be the new IP addresses post the connector migration to Kubernetes:</p> <p>US: 13.91.196.96 and 40.88.252.103</p> <p>EU: 20.82.221.63 and 51.105.212.253</p>	477918

10 January 2025 enhancements

Table 3: Connector enhancements

Connector	Enhancements	Work item ID
Okta	The connector has been enhanced to support new attribute typeID under user extension for read-write operations in users.	472311

9 December 2024 enhancements

Table 4: Connector enhancements

Connector	Enhancements	Work item ID
Tableau	The connector is enhanced to support the latest authentication (PAT)	471760

21 November 2024 enhancements

Table 5: Connector enhancements

Connector	Enhancements	Work item ID
Workday HR	The connector is enhanced to support an additional attribute 'payRateTypeID' in Employees from version 3.2 onwards.	469843

12 November 2024 enhancements

Table 6: Connector enhancements

Connector	Enhancements	Work item ID
SuccessFactors	The connector is enhanced to support the additional parameter apiOptionProfileID parameter as a config field in create/update users.	468475

15 October 2024 enhancements

Table 7: Connector enhancements

Connector	Enhancements	Work item ID
SuccessFactors HR	The connect is enhanced to support new endpoint EmpGlobalAssignment	463979

16 September 2024 enhancements

Table 8: Connector enhancements

Connector	Enhancements	Work item ID
Workday HR	The connector is enhanced to support maximum page size (count) to 999.	465128

10 September 2024 enhancements

Table 9: Connector enhancements

Connector	Enhancements	Work item ID
SuccessFactors HR	The connector has been enhanced to return the employment start date and end date.	464245

30 August 2024 enhancements

Table 10: Connector enhancements

Connector	Enhancements	Work item ID
RSA Archer	The connector has been enhanced to support the ISMS groups functionality in v3.0 of the connector.	463064

01 August 2024 enhancements

Table 11: Connector enhancements

Connector	Enhancements	Work item ID
Workday HR	The connector is enhanced to support the version 6.0 of the connector to exclude the inactive employees from Employees, FutureDatedEmployees and DeltaSyncEmployees endpoints.	461172

23 July 2024 enhancements

Table 12: Connector enhancements

Connector	Enhancements	Work item ID
AWS IAM	The connector is enhanced to support URL encoding-decoding of id for Profiles endpoint in v1.0 and base64 encoding-decoding of id for Profiles endpoint in v2.0 of the connector.	460874

19 July 2024 enhancements**Table 13: Connector enhancements**

Connector	Enhancements	Work item ID
AWS IAM	Name for AWS IAM (formerly AWS IAM S3) connector changed across application to AWS IAM for consistency and uniformity.	460568

10 July 2024 enhancements**Table 14: Connector enhancements**

Connector	Enhancements	Work item ID
ServiceNow	The connector is enhanced to support phone Numbers of type both work and mobile.	459544

26 June 2024 enhancements**Table 15: Connector enhancements**

Connector	Enhancements	Work item ID
Salesforce	<p>The connector is migrated to Kubernetes (this release has a breaking change with respect to the IP addresses). Following will be the new IP addresses post the connector migration to Kubernetes:</p> <p>US: 13.91.196.96 and 40.88.252.103</p> <p>EU: 20.82.221.63 and 51.105.212.253</p>	446824

21 June 2024 enhancements

Table 16: Connector enhancements

Connector	Enhancements	Work item ID
Oracle IDCS	The connector now supports PUT request to the Starling Oracle IDCS connector for updating the groups, internally using PATCH while making the request to Oracle IDCS API.	457655

14 June 2024 enhancements**Table 17: Connector enhancements**

Connector	Enhancements	Work item ID
Workday HR	The connector is enhanced to support workerId and ContingentWorkerId filters for List employees and Future Dated Employees endpoints. Users can obtain the data about a particular worker or contingent worker using these filters.	456943

13 June 2024 enhancements**Table 18: Connector enhancements**

Connector	Enhancements	Work item ID
Workday HR	The connector is enhanced to log customer's data for troubleshooting the issues.	457313

12 June 2024 enhancements**Table 19: Connector enhancements**

Connector	Enhancements	Work item ID
Successfactors HR	The connector is enhanced to support an additional attribute isPrimaryAssignment for GET in Employee and Future-Dated Employees endpoint.	457523

06 June 2024 enhancements

Table 20: Connector enhancements

Connector	Enhancements	Work item ID
Salesforce	<p>The connector is migrated to Kubernetes (this release has a breaking change with respect to the IP addresses).</p> <p>Following will be the new IP addresses post the connector migration to Kubernetes:</p> <p>US: 13.91.196.96 and 40.88.252.103</p> <p>EU: 20.82.221.63 and 51.105.212.253</p>	446824

05 June 2024 enhancements**Table 21: Connector enhancements**

Connector	Enhancements	Work item ID
Atlassian Cloud	The connector is enhanced to support the Read, Create, Update operations in custom type of Asset class in the connector.	439181

28 May 2024 enhancements**Table 22: Connector enhancements**

Connector	Enhancements	Work item ID
Workday HR	The connector is enhanced to support the retrieval of Minimal List of Employees while choosing Get all Employees and Get All Future Dated Employees. Minimal list contains Schemas, WID, EmployeeId, Username, DisplayName, Meta (resourceType, location, lastmodified).	454659

12 April 2024 enhancements**Table 23: Connector enhancements**

Connector	Enhancements	Work item ID
SuccessFactorsHR	The connector is enhanced to support the attribute 'NickName' in the GET of employees and future-dated employees.	452871
Okta	The connector is enhanced to support the attribute 'PasswordChanged' under the enterprise schema in the GET of Users.	452866

4 April 2024 enhancements

Table 24: Connector enhancements

Connector	Enhancements	Work item ID
WorkdayHR	The connector is enhanced to support multiple job titles for Employees and Future Dated Employees in v3.2 of the connector	448152
	The connector is enhanced to support 2 new endpoints (JobFamilies and JobFamilyGroups) in v4.0 of the connector.	449014
	The WorkdayHR connector is enhanced to support additional attributes in Employees and Future Dated Employees in v3.2 of the connector.	450385

26 March 2024 enhancements

Table 25: Connector enhancements

Connector	Enhancements	Work item ID
Oracle Fusion Cloud	The connector is enhanced to support some additional attributes under Employees endpoint. The connector supports Future dated Employees Endpoint and Filtering in all the endpoints.	443275

22 March 2024 enhancements

Table 26: Connector enhancements

Connector	Enhancements	Work item ID
Dayforce	The connector is enhanced to support some additional attributes in GET/PUT of employees.	448902
SuccessFactors HR	The connector is enhanced to support new attribute (isContingentWorker) in GET of Employees and FutureDatedEmployees in version 10.3.	449001

28 February 2024 enhancements

Table 27: Connector enhancements

Connector	Enhancements	Work item ID
WorkdayHR	The connector is enhanced to support employee id attribute in filtering.	443097

9 February 2024 enhancements**Table 28: Connector enhancements**

Connector	Enhancements	Work item ID
Atlassian Cloud	The connector is enhanced with new Endpoint Groups.	439250

7 February 2024 enhancements**Table 29: Connector enhancements**

Connector	Enhancements	Work item ID
Atlassian Cloud	The connector is released and can be used for provisioning/de-provisioning resources.	442833

25 January 2024 enhancements**Table 30: Connector enhancements**

Connector	Enhancements	Work item ID
UKG Pro	The connector is enhanced to support to support new endpoint EmpEmployments.	439287
	The connector is enhanced to support the attributes disabling feature and changed "id" attribute format.	438030
	The connector is enhanced to support new endpoint EmpJobs.	437240

23 January 2024 enhancements**Table 31: Connector enhancements**

Connector	Enhancements	Work item ID
Workday HR	The connector is enhanced to support Organization Reference Id for all the organizations in Employees version 3.2.	443030

11 January 2024 enhancements

Table 32: Connector enhancements

Connector	Enhancements	Work item ID
Dayforce	The connector is enhanced to support additional attributes mapping in Employees and Organizations (GET/PUT).	442106

21 December 2023 enhancements

Table 33: Connector enhancements

Connector	Enhancements	Work item ID
Workday HR	The connector is enhanced to support additional attributes in Employees version 3.2.	441793

8 December 2023 enhancements

Table 34: Connector enhancements

Connector	Enhancements	Work item ID
Salesforce	The token URL has been moved out of credentials in order to allow saving the connector with token URL other than default value	440247

6 December 2023 enhancements

Table 35: Connector enhancements

Connector	Enhancements	Work item ID
Azure DevOps	The connector is enhanced to support write operations for users in v2.0.	440779

16 November 2023 enhancements

Table 36: Connector enhancements

Connector	Enhancements	Work item ID
Concur	The connector is enhanced to support the PrimaryApprover attribute in v2.0	434192

15 November 2023 enhancements

Table 37: Connector enhancements

Connector	Enhancements	Work item ID
Azure DevOps	The connector is enhanced with v2.0 with improved performance.	438561

7 November 2023 enhancements

Table 38: Connector enhancements

Connector	Enhancements	Work item ID
Azure DevOps	The connector is enhanced with new Endpoint Projects.	436116

26 October 2023 enhancements

Table 39: Connector enhancements

Connector	Enhancements	Work item ID
ServiceNow	The connector is enhanced to support complex custom attribute.	427490

04 October 2023 enhancements

Table 40: Connector enhancements

Connector	Enhancements	Work item ID
Azure DevOps	The connector is enhanced to support the new Endpoint Groups	433023

29 September 2023 enhancements

Table 41: Connector enhancements

Connector	Enhancements	Work item ID
Dayforce	The connector is enhanced to support additional attribute employmentStatusGroup	433376

11 September 2023 enhancements

Table 42: Connector enhancements

Connector	Enhancements	Work item ID
AWS IAM S3	The connector is enhanced to support v2.0 with base64 encoded id	424627

05 September 2023 enhancements**Table 43: Connector enhancements**

Connector	Enhancements	Work item ID
Concur	The connector is enhanced to support custom attributes in v2.0 of the connector	427748

29 August 2023 enhancements**Table 44: Connector enhancements**

Connector	Enhancements	Work item ID
OneLogin	The connector is enhanced to retrieve 50 records per request on the target APIs	426272

21 August 2023 enhancements**Table 45: Connector enhancements**

Connector	Enhancements	Work item ID
Majesco	The connector is enhanced to support application access for users	426330

19 July 2023 enhancements**Table 46: Connector enhancements**

Connector	Enhancements	Work item ID
Coupa	The connector is enhanced to support OAuth from target API in v2.0 of the connector	423650

10 July 2023 enhancements

Table 47: Connector enhancements

Connector	Enhancements	Work item ID
Concur	Concur connector is enhanced to support user provisioning in v2.0 of the connector.	399422

7 July 2023 enhancements**Table 48: Connector enhancements**

Connector	Enhancements	Work item ID
DocuSign	The connector has been enhanced to follow the latest authentication flow supported by the DocuSign target APIs	420186

1 June 2023 enhancements**Table 49: Connector enhancements**

Connector	Enhancements	Work item ID
WorkDay HR	The connector is enhanced to support v3.2 of the connector which supports updating phone numbers.	417627
	The connector is enhanced to read leadership references for Organizations from Workday.	418021

18 May 2023 enhancements**Table 50: Connector enhancements**

Connector	Enhancements	Work item ID
OneLogin	The connector is enhanced to support filters in v2 of the connector.	415238
SuccessFactors	The connector is enhanced by replacing the less secured, deprecated SAML generation logic with industry standard approach.	404486
Okta	The connector is enhanced to support the last login attribute in the users Endpoint GET request.	417795

4 May 2023 enhancements

Table 51: Connector enhancements

Connector	Enhancements	Work item ID
SuccessFactors HR	The connector is enhanced to support new endpoint EmpJobRelationships (v10.0 onwards)	412350
	The connector is enhanced to support SAML generation logic to be replaced with recommended approach (v6.0 onwards)	415161
	The connector is enhanced to support the update of custom attributes under EmpEmployments and PerPersonals (v9.0 onwards)	414869

20 April 2023 enhancements**Table 52: Connector enhancements**

Connector	Enhancements	Work item ID
PingOne Platform	The connector is enhanced to support groups endpoint	411084
Azure Infrastructure	The connector is enhanced to support a new attribute	393394

6 April 2023 enhancements**Table 53: Connector enhancements**

Connector	Enhancements	Work item ID
Okta	The connector is enhanced to support activating and deactivating of user	410563
Majesco	The connector is enhanced to support removing all roles associated with a user	413155
WorkDay HR	The connector is enhanced to get the Rehire date of Rehires recieved via the FutureDated Employees endpoint	412347
WorkDay HR	The connector is enhanced to get detailed information about future dated business process events	412348

23 March 2023 enhancements

Table 54: Connector enhancements

Connector	Enhancements	Work item ID
Concur	The connector is enhanced to support filter in v2 of the connector	407401
PingOne Platform	The connector is enhanced with new Endpoint Population	405293
WorkDayHR	The connector is enhanced to support v3.1 which supports only PUT for updating	410561

9 March 2023 enhancements**Table 55: Connector enhancements**

Connector	Enhancements	Work item ID
Azure Infrastructure	The connector is enhanced to handle the target API throttling.	405127
Azure AD	The connector is enhanced to support guest accounts	367652
ChipSoft	The connector now supports managing the login groups during Create and Update operation of Users	406887

23 February 2023 enhancements**Table 56: Connector enhancements**

Connector	Enhancements	Work item ID
Azure Infrastructure	The connector is enhanced to support the creation and removal of role assignments.	393003

9 February 2023 enhancements**Table 57: Connector enhancements**

Connector	Enhancements	Work item ID
ChipSoft	The connector now supports enhanced write operations.	389865

26 January 2023 enhancements

Table 58: Connector enhancements

Connector	Enhancements	Work item ID
SuccessFactors	The connector now supports OAuthAuthentication from v5.0 onwards.	393212
WorkDayHR	The connector is now enhanced to return the End Employment Date on Employee as a separate schema property	403278
Majesco	The connector is enhanced with write and membership management operations.	295168

15 Dec 2022 enhancements**Table 59: Connector enhancements**

Connector	Enhancements	Work item ID
Facebook Workplace	Target API upgraded to the latest version.	296378
SuccessFactorsHR	The connector can handle the objects with special characters in the 'id'.	391999

17 Nov 2022 enhancements**Table 60: Connector enhancements**

Connector	Enhancements	Work item ID
Oracle Fusion Cloud	Oracle Fusion Cloud connector supports managing data security records. Note : Currently, it is in beta version.	314727

3 Nov 2022 enhancements**Table 61: Connector enhancements**

Connector	Enhancements	Work item ID
Majesco	The Majesco connector is enhanced to support READ Roles functionality	318961

22 Oct 2022 enhancements

Table 62: Connector enhancements

Connector	Enhancements	Work item ID
Workday HR	New endpoint "JobProfiles" is supported in all versions in the Workday HR connector	324067
AWS IAM S3	Amazon S3 AWS connector renamed to AWS IAM S3	317646

22 Sep 2022 enhancements**Table 63: 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

25 Aug 2022 enhancements**Table 64: 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 65: 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 66: 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 67: 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 68: Connector enhancements**

Connector	Enhancements	Work item ID
Azure Infrastructure	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 69: Connector enhancements**

Connector	Enhancements	Work item ID
Azure Infrastructure	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 70: 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 71: 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 72: 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 73: 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 74: 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 75: Connector enhancements

Connector	Enhancements	Work item ID
RSA Archer	<p>RSA Archer connector is enhanced to have a generalized SCIM connector at "Groups" and "Roles" functionality.</p> <p>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.</p>	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 76: Connector enhancements**

Connector	Enhancements	Work item ID
RSA Archer	<p>RSA Archer has enhanced user functionality in the generalized SCIM connector and v3.0 release that generalizes the approach to handle Archer.</p> <p>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.</p>	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 77: 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 78: 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 79: 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 80: 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 81: 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 82: 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 83: 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 84: 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 85: 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 86: 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 87: 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 88: 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 89: 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 90: 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 91: 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 92: 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 93: 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 94: 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 95: 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 96: 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 97: 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 98: 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 99: 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 100: 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 101: 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 102: 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 103: 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
GSuite	Starling Connect users can now check passwords and permissions in GSuite	113874

28 January 2021 enhancements**Table 104: 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 105: 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 106: 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 107: 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
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 108: 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 109: 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	<p>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.</p> <p>Currently, the connector updates the complete User object hence updating all the attributes in the object.</p>	224766

30 July 2020 enhancements

Table 110: 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 111: 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 112: 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</p>	240250

Connector	Enhancements	Work item ID
	is not supported in version 1.0.	
SuccessFactors HR	<p>The connector is enhanced to support the new 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>	240209
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 113: 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 114: Connector enhancements

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

7 May 2020 enhancements

Table 115: 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 116: 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 117: Connector enhancements

Connector	Enhancements	Work item ID
Coupa	The connector is enhanced to allow you to update the value of the property work-confirmatio n-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	<p>A new version v.2.0 is available for the connector, which has the below listed additional attributes for the User object:</p> <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 118: Connector enhancements

Connector	Enhancements	Work item ID
RSA Archer	<p>A new version v.2.0 is available for the connector, in which, the following fields have been removed from User Mapping and schema:</p> <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 HR	Version v.2.0 of the connector is enhanced to support the return of future hires in the current	227655

Connector	Enhancements	Work item ID
	Employees endpoint. NOTE: This feature is available only in version 2.0 of the connector. It is not available in version 1.0.	

12 March 2020 enhancements

Table 119: Connector enhancements

Connector	Enhancements	Work item ID
Okta	The connector is enhanced to support the: <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 120: Connector enhancements

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

13 February 2020 enhancements

Table 121: 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	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. NOTE: This feature is available only in version 2.0 of the connector. It is not available in version 1.0.	219616
Box	The connector is enhanced to support the addition of multiple email addresses to the user account.	201522

30 January 2020 enhancements

Table 122: 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 123: 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 124: 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 125: 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 126: 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 127: 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 128: Connector enhancements

	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 129: 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 130: 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 131: Coupa connector enhancements**

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 132: 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 133: 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 134: 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 135: 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 136: 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 .

11 March 2025**Resolved issues****Table 137: Resolved issues**

Resolved issue	Issue ID

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

17 January 2025 Resolved issues

Table 138: General resolved issues

Resolved issue	Issue ID
In SuccessFactorsHR , fixed an issue where the connector didn't support empty values in filters.	473948

19 December 2024 Resolved issues**Table 139: General resolved issues**

Resolved issue	Issue ID
In SuccessFactors HR , fixed the bug on PerEmails endpoint Delete operation	472654

5 December 2024 Resolved issues**Table 140: General resolved issues**

Resolved issue	Issue ID
Null check added to EmploymentNav in employees endpoint as it showed null from target, in Successfactors HR	472004

21 October 2024 Resolved issues**Table 141: General resolved issues**

Resolved issue	Issue ID
Fixed an issue in Successfactors HR , where Update Schema returns error 'An item with the same key has already been added' in v10.3	468379

14 October 2024 Resolved issues**Table 142: General resolved issues**

Resolved issue	Issue ID
In Oracle Fusion Cloud , the UserRoleDataAssignmentId filter in Data Securities endpoint towards the target from the connector throws internal server error due to wrong format.	465326

20 September 2024 Resolved issues

Table 143: General resolved issues

Resolved issue	Issue ID
In SuccessFactorsHR , added checks to verify the mutability of custom attributes in the connector.	466011

06 September 2024 Resolved issues

Table 144: General resolved issues

Resolved issue	Issue ID
In Workday HR , DeltaSyncEmployees returns error when filter on meta.lastModified applied in version 6.0 of the connector	464325

21 August 2024 Resolved issues

Table 145: General resolved issues

Resolved issue	Issue ID
The Update operation of an Employee returns Internal Server Error 500 in the Sucessfactors HR connector	463056
In Atlassian Cloud connector, the Key attribute in Custom Type object (assets) schema is set as required false, otherwise it throws an error while creating an asset in OneIM.	463532

23 July 2024 Resolved issues

Table 146: General resolved issues

Resolved issue	Issue ID
The Chipsoft connector returns error when some of the attributes of the user are not present in the response from target.	460714

17 July 2024 Resolved issues

Table 147: General resolved issues

Resolved issue	Issue ID
Fixed an issue where unsupported attributes in the filter request will be ignored, and no error will be thrown in Successfactors connector.	460095

11 July 2024 Resolved issues

Table 148: General resolved issues

Resolved issue	Issue ID
In Chipsoft , the schema attribute <code>vrIdAndType</code> in groups and userGroups under User should be a reference type.	460054
Disabling an attribute in the schema from the Starling Connect UI does not remove it from the schema in Successfactors HR connector.	459619

21 June 2024 Resolved issues

Table 149: General resolved issues

Resolved issue	Issue ID
In SuccessFactors , the filter value does not support double quotes.	458620

10 May 2024 Resolved issues

Table 150: General resolved issues

Resolved issue	Issue ID
In WorkdayHR , list employees records throw Internal Server Error (500) due to null reference issue.	455017

19 April 2024 Resolved issues

Table 151: General resolved issues

Resolved issue	Issue ID
In Successfactors HR , two schemas are present for Employees and Future Dated Employees endpoint.	453985

17 April 2024 Resolved issues

Table 152: General resolved issues

Resolved issue	Issue ID
In Dayforce , Get Employee By ID throws Internal Server Error (500) due to a null reference issue.	453428

04 April 2024 Resolved issues

Table 153: General resolved issues

Resolved issue	Issue ID
Fixed an issue while importing users from Azure AD through the Access Management interface containing a "#" in the name and also with Azure AD domains having mixed-case names.	448874

03 April 2024 Resolved issues

Table 154: General resolved issues

Resolved issue	Issue ID
The schemas of Employees and Future Dated Employees endpoint in WorkdayHR connector were not up to date.	450346

8 March 2024 Resolved issues

Table 155: General resolved issues

Resolved issue	Issue ID
In Salesforce , the test connection from Starling UI fails in v3.0 and below.	447638

1 March 2024 Resolved issues

Table 156: General resolved issues

Resolved issue	Issue ID
In Workday HR , the filter condition fails when it passes within the brackets.	447910

28 February 2024 Resolved issues

Table 157: General resolved issues

Resolved issue	Issue ID
In Salesforce , the SPP discovery service returns error.	446815

22 February 2024 Resolved issues

Table 158: General resolved issues

Resolved issue	Issue ID
In Okta , Request to retrieve a group with large number of members times out	446569

30 January 2024 Resolved issues**Table 159: General resolved issues**

Resolved issue	Issue ID
In Workday HR , support of Organization Reference Ids from List Employees and FutureDatedEmployees removed due to performance impact.	444782

27 December 2023 Resolved issues**Table 160: General resolved issues**

Resolved issue	Issue ID
In SuccessFactors HR , handled the unique attributes (id) with single quotes without an error in version 10.2	441823
NOTE: This is a breaking change with respect to the id format.	

8 December 2023 Resolved issues**Table 161: General resolved issues**

Resolved issue	Issue ID
Salesforce connector returns only 500 accounts using account discovery	440258

26 November 2023 Resolved issues**Table 162: General resolved issues**

Resolved issue	Issue ID
Missing 'value' attribute in integration field overrides in SCIM response makes it difficult to parse the complex multi-valued attributes in Identity Manager	439666

20 November 2023 Resolved issues

Table 163: General resolved issues

Resolved issue	Issue ID
The non-default token URL saved in the connector configuration gets overwritten by the default value upon editing	439400

7 November 2023 Resolved issues

Table 164: General resolved issues

Resolved issue	Issue ID
In ServiceNow , fixed a bug where custom attributes (except String type) throw an error in write operations.	437909

26 October 2023 Resolved issues

Table 165: General resolved issues

Resolved issue	Issue ID
In WorkdayHR , fixed a bug where the primary contact number of an employee couldn't be removed.	434499
In Coupa , schemas of the missing attributes added.	437307

20 October 2023 Resolved issues

Table 166: General resolved issues

Resolved issue	Issue ID
Fixed an error in Salesforce , where logging in through SPPoD using Starling connect fails	435910

7 September 2023 Resolved issues

Table 167: General resolved issues

Resolved issue	Issue ID
In Salesforce , fixed an error that didn't support double quotes (") in the filter condition value	428446

6 September 2023 Resolved issues

Table 168: General resolved issues

Resolved issue	Issue ID
In Workday HR , updated the schema to have correct mutability in v3.2	428229

5 September 2023 Resolved issues

Table 169: General resolved issues

Resolved issue	Issue ID
In Coupa , the user's schema got a fix on the mutability of invoiceSelfApprovalLimit to readWrite	428228

16 August 2023 Resolved issues

Table 170: General resolved issues

Resolved issue	Issue ID
In Salesforce , fixed an issue where the connector didn't support empty values in filters.	424461

14 July 2023 Resolved issues

Table 171: General resolved issues

Resolved issue	Issue ID
Fixed the issue in Salesforce , where the "id" attribute was not supported in filtering the users.	424205

7 July 2023 Resolved issues

Table 172: General resolved issues

Resolved issue	Issue ID
Fixed an issue where the DocuSign connector faced error while retrieving user details	422779

12 June 2023 Resolved issues

Table 173: General resolved issues

Resolved issue	Issue ID
Fixed an issue where the SuccessFactors HR connector configured with custom attributes fails to load the schemas in the Starling Connect portal.	419946

1 June 2023 Resolved issues**Table 174: General resolved issues**

Resolved issue	Issue ID
In Salesforce connector, fixed an issue where membership management was not supported in Permission Set Group.	418392

18 May 2023 Resolved issues**Table 175: General resolved issues**

Resolved issue	Issue ID
In SuccessFactor HR , the new SAML logic returns unauthorized error when userId is used instead of username.	417164
In Salesforce , while updating PermissionSet, differentiate whether the record is PermissionSet or PermissionSetGroup, throw an error if the record is PermissionSetGroup.	416985
In ServiceNow , the SCIM response fails to retrieve the updated manager id even when the user's manager is modified in the update user request.	416301

4 May 2023 Resolved issues**Table 176: General resolved issues**

Resolved issue	Issue ID
In Successfactors HR connector, an exception is thrown when the username is not configured in the expected format in version v.6.0 and above.	412955

11 April 2023 Resolved issues

Table 177: General resolved issues

Resolved issue	Issue ID
Future dated employee synchronization fails with error on format of 'effective moment from'	414310

9 March 2023 Resolved issues**Table 178: General resolved issues**

Resolved issue	Issue ID
Browsing PerPersonals endpoint results in error with status code 500 for the customer	410361
CustomObject in v10.1 gets location in meta twice when base64 encoding is turned on	410455

9 March 2023 Resolved issues**Table 179: General resolved issues**

Resolved issue	Issue ID
In WorkDay HR connector, the SCIM request does not returns all objects from CustomOrgs	409429

23 February 2023 Resolved issues**Table 180: General resolved issues**

Resolved issue	Issue ID
In older versions of SuccessFactorHR , the base64 encoded ID shows up intermittently	405655

9 February 2023 Resolved issues**Table 181: General resolved issues**

Resolved issue	Issue ID
In WorkdayHR , the attributes returned are not different from what defined in schemas.	404004
In Azure Infrastructure , the issue of error for AZResource object fixed.	404386

12 January 2023 Resolved issues

Table 182: General resolved issues

Resolved issue	Issue ID
In WorkdayHR , Unsupported filter condition returns unfiltered list instead of returning an error.	400530

12 January 2023 Resolved issues

Table 183: General resolved issues

Resolved issue	Issue ID
In SuccessFactorsHR , the "(" and ")" inside the filter value fails.	394821
In WorkdayHR , there is a discrepancy in resource names between resource types and resource's meta~resourceType.	399433

29 December 2022 Resolved issues

Table 184: General resolved issues

Resolved issue	Issue ID
In SuccessFactorsHR , GET fails and demands the quotes to be on pairs when id attribute has a quote within it.	393889
In Oracle Fusion Cloud , the sync fails as the ARS SCIM connector is not able find correct resource type for employee.	394089

15 December 2022 Resolved issues

Table 185: General resolved issues

Resolved issue	Issue ID
In SuccessFactorsHR , upon updating an employee with datetime type custom attribute fails (v9.0 onwards).	392655
In SuccessFactorsHR , Filter request with values having 'and' fails to parse the correct SCIM filter criteria.	388004

3 November 2022 Resolved issues

Table 186: General resolved issues

Resolved issue	Issue ID
Not able to update the primary phone number in WorkdayHR connector.	386075

22 October 2022 Resolved issues**Table 187: General resolved issues**

Resolved issue	Issue ID
In SuccessFactors , the inactive members of a static groups via the Starling Connector cannot be removed.	331102
In SuccessFactors , the target API timeouts cause the connector synchronization to freeze. The timed out requests need to be retried.	331059

14 July 2022 Resolved issues**Table 188: 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 189: 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 190: 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 191: 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 192: 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 193: 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 194: 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 195: 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 196: 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 197: 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 198: 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 199: 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 200: 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 201: 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 202: General resolved issues

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

19 November 2021 Resolved issues

Table 203: General resolved issues

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

5 November 2021 Resolved issues

Table 204: 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 205: 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 206: 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 207: 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 208: 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 209: 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 210: 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 211: 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 212: 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 213: General resolved issues**

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

1 Jul 2021 Resolved issues**Table 214: 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 215: 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 216: 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 217: 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 218: 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 219: 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 220: 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 221: 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 222: 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 223: 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 224: 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 225: General resolved issues

Resolved issue	Issue ID
For the SuccessFactors HR connector, the PerPhones endpoint returns	255613

Resolved issue	Issue ID
fewer records than expected due to incorrect mapping of Id . Provided a fix for the same.	
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 226: 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 227: 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 228: 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 229: 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

Resolved issue	Issue ID
For the SuccessFactors HR connector, provided the fix to prevent the customer from disabling the mandatory attributes code and type in the Positions endpoint.	241777
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 230: 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 an 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 231: 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 232: 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 233: 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 234: 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 235: 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 236: 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 237: 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 238: 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 239: 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 240: 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 241: 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 242: 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 243: 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 244: 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 245: 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 246: 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 247: 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 248: 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 249: 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 250: General resolved issues**

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

15 August 2018 resolved issues**Table 251: 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 async/await.	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 252: General known issues

Known issue	Issue ID
Changed UI config path of 'token URL' parameter results in Bad Request error in an already configured and saved Salesforce connector in Starling.	440135
Workaround <ol style="list-style-type: none">1. Go to the Starling portal, edit the configured / saved connector.2. Ensure all configuration parameters are filled correctly with the recommended formats.3. Save the connector.4. Verify the success of the synchronization.	
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 .	272942
Workaround <p>Delay each request in the connector for a configured amount of time (say 500ms) to avoid the issue of rate limit.</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 (-).	247747
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.	248823
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.	249099
In the Starling Connect Connectors for Apigee connector, the Get All and Create User operations may occasionally take more time to respond for requests.	249101
In the Starling Connect Connectors for SalesForce connector, unable to list	247888

Known issue	Issue ID
the users by applying filters for all extension attributes, complex sub-attributes, and some of the core attributes.	
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.	246951
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 . The connectors that have this issue are <ul style="list-style-type: none"> • AmazonS3AWS • Crowd • JiraServer • Apigee 	242120
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

Known issue	Issue ID
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 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.	114620
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 startIndex value is greater than the TotalResults.	88927
In Starling Connect Connector for RSA Archer, an error is displayed if an user is created using an incorrect locale value .	98585

Known issue	Issue ID
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 blank.	104777
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 11 March 2025 Starling Connect release, ensure that your system meets the below mentioned requirements.

Table 253: 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 254: 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.

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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.