使用Splunk配置ISE 3.2資料連線整合

目錄

簡介

本文檔介紹如何配置思科身份服務引擎(ISE)3.2與Splunk over Data Connect的整合，以便直接從ISE資料庫檢索報告資料。藉助它，您可以建立自己的查詢並編寫自己的報告。

必要條件

需求

思科建議您瞭解以下主題：

1. Cisco ISE 3.2
2. 有關Oracle查詢的基本知識
3. 斯普倫克

採用元件

本文中的資訊係根據以下軟體和硬體版本：

1. Cisco ISE 3.2
2. Splunk 9.0.0

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除（預設）的組態來啟動。如果您的網路運作中，請確保您瞭解任何指令可能造成的影響。

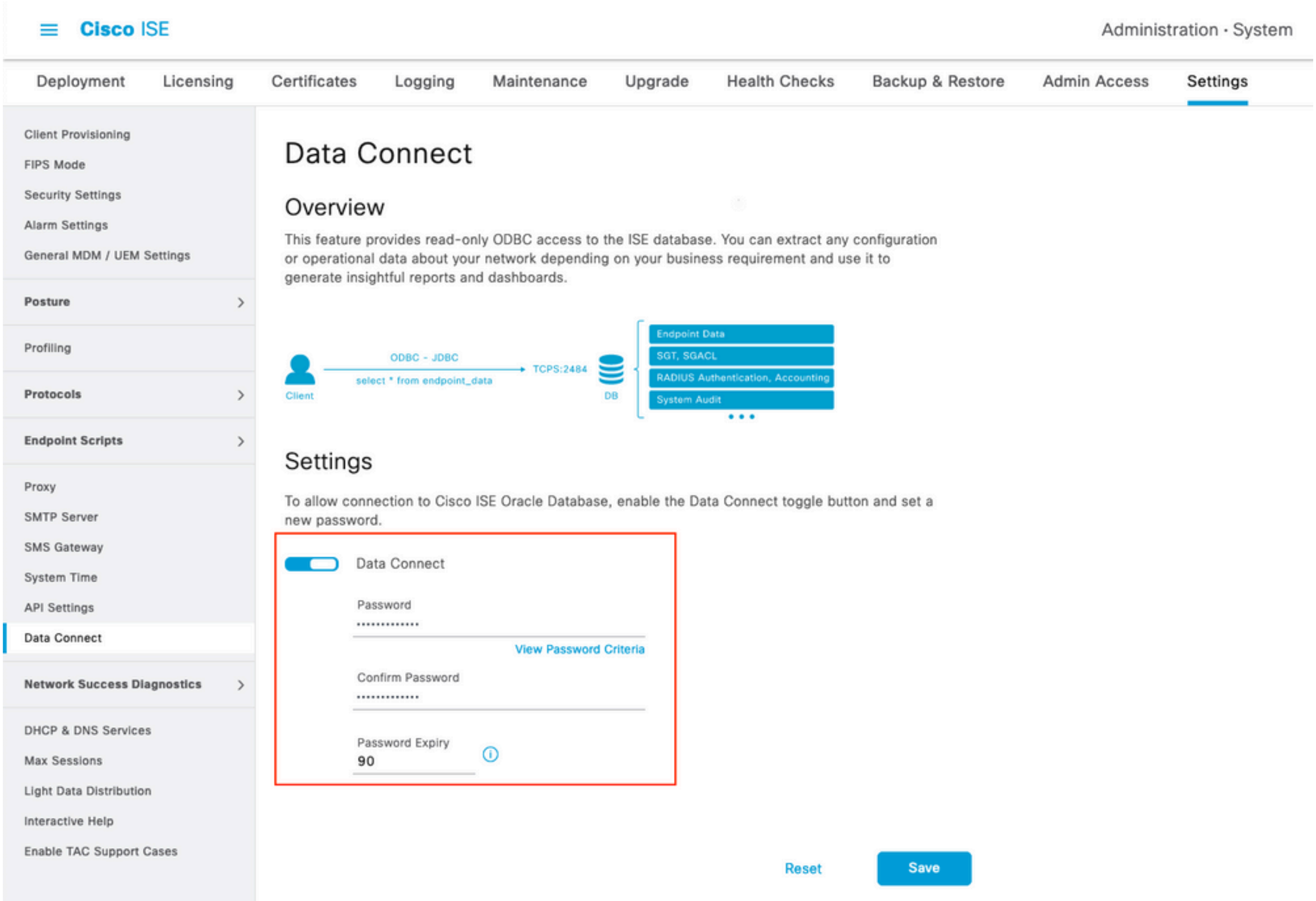
設定

組態

步驟1.配置ISE資料連線設定

1.啟用資料連線

在ISE上，導航至 **Administration > System > Settings > Data Connect**並將按鈕切換為 **Data Connect**.輸入密碼並按一下 **Save** .



Data Connect

Overview

This feature provides read-only ODBC access to the ISE database. You can extract any configuration or operational data about your network depending on your business requirement and use it to generate insightful reports and dashboards.

Settings

To allow connection to Cisco ISE Oracle Database, enable the Data Connect toggle button and set a new password.

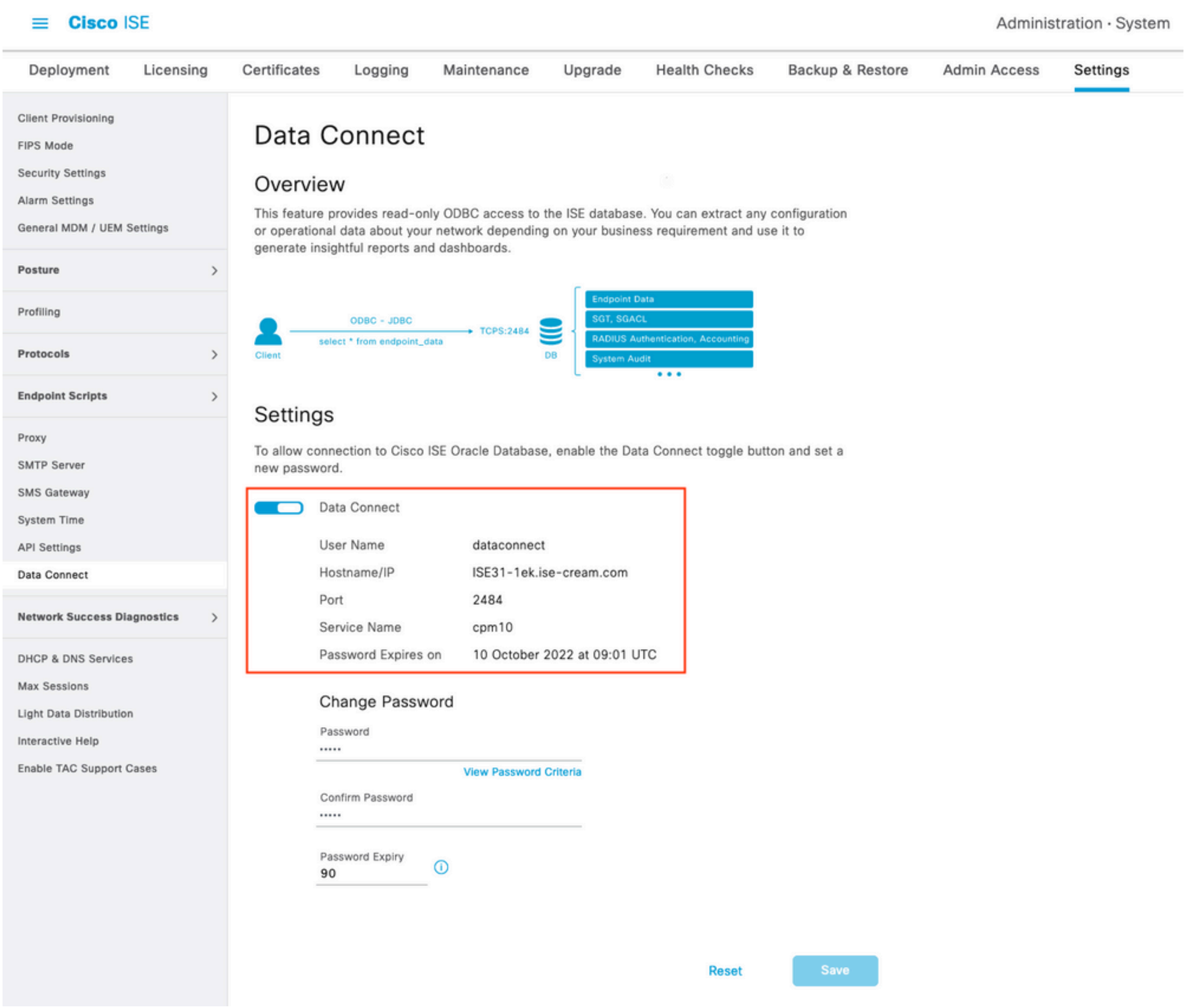
Data Connect

Password
•••••••••••••

Confirm Password
•••••••••••••

Password Expiry
90

記下資料連線設定，包括 **User Name, Hostname, Port, and Service Name** .分散式部署中的輔助MNT上預設啟用資料連線，有關故障轉移方案的詳細資訊，請參閱《管理員指南》。



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Data Connect

User Name	dataconnect
Hostname/IP	ISE31-1ek.ise-cream.com
Port	2484
Service Name	cpm10
Password Expires on	10 October 2022 at 09:01 UTC

Change Password

Password
•••••

View Password Criteria

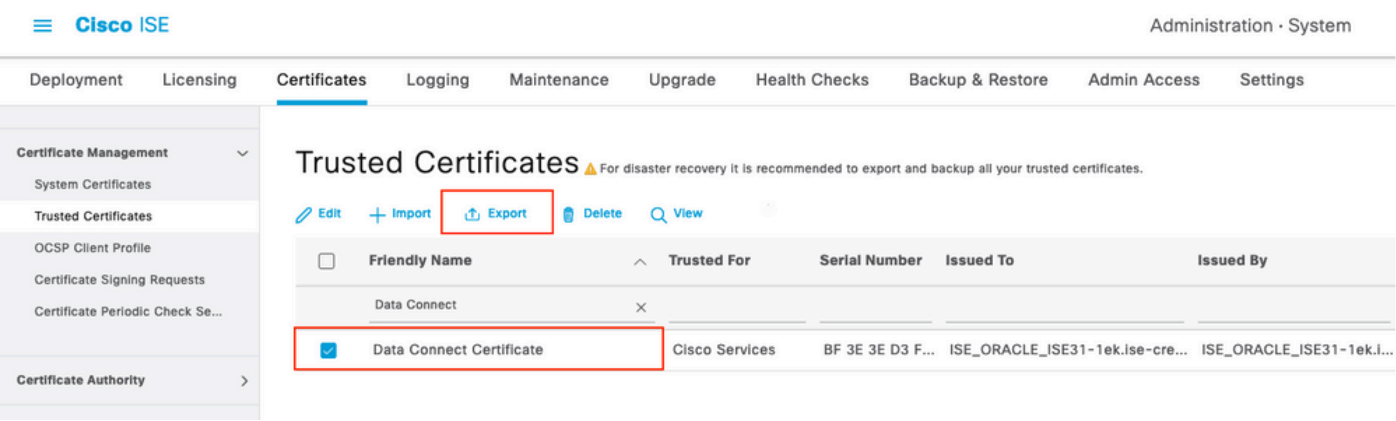
Confirm Password
•••••

Password Expiry
90

2.匯出資料連線證書

中的操作 **Step 1.**已觸發資料連線證書的建立。需要通過資料連線查詢ISE的客戶端需要信任它。

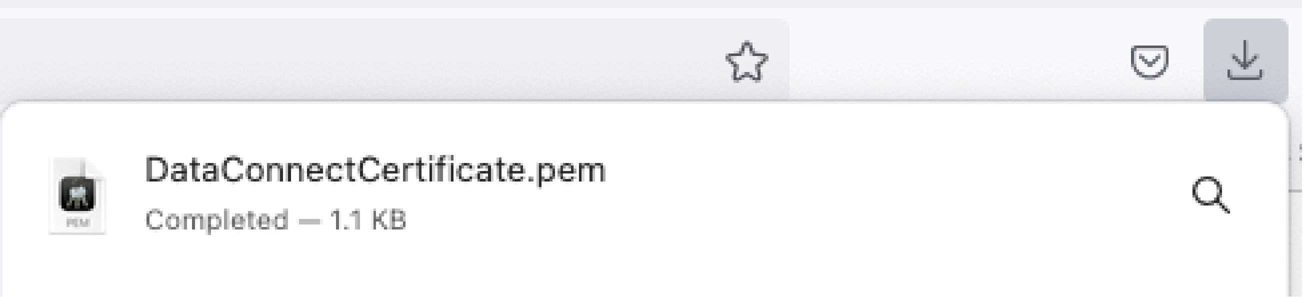
若要匯出證書，請導航至 **Administration > System > Settings > Cetificate Management > Trusted Certificates**，選擇證書 **Data Connect Certificate** 友好名稱並按一下 **Export .**



Trusted Certificates ⚠ For disaster recovery it is recommended to export and backup all your trusted certificates.

□	Friendly Name	Trusted For	Serial Number	Issued To	Issued By
	Data Connect ×				
☑	Data Connect Certificate	Cisco Services	BF 3E 3E D3 F...	ISE_ORACLE_ISE31-1ek.ise-cre...	ISE_ORACLE_ISE31-1ek.i...

證書將以PEM格式匯出。

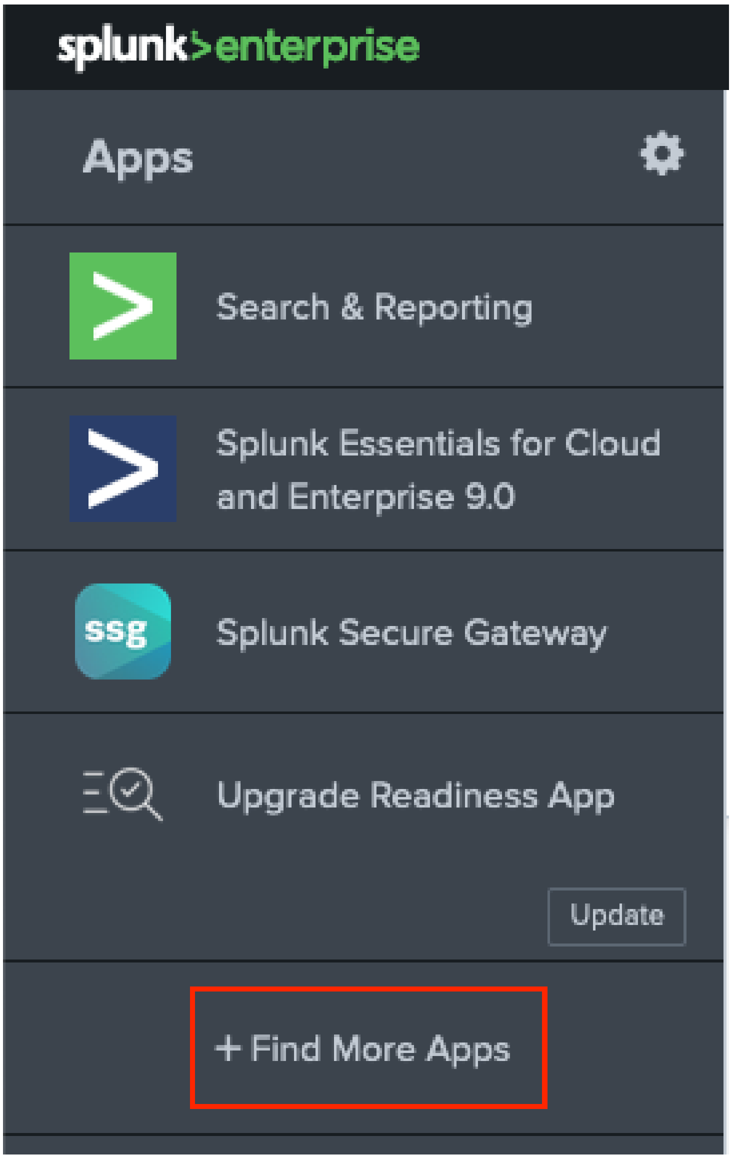


步驟2.配置Splunk

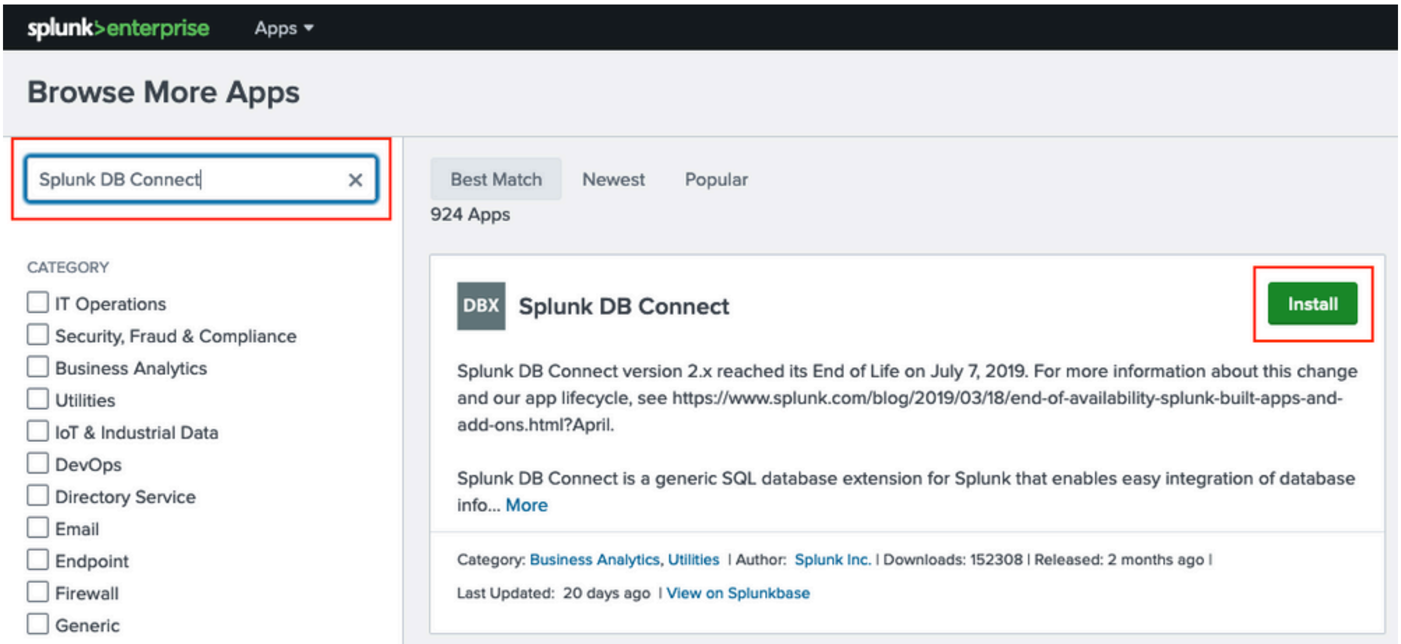
附註： Splunk安裝不在本檔案的範圍之內。

1.安裝Splunk DB Connect App

按一下 **+ Find More Apps** 從主選單。



輸入 **Splunk DB Connect** 在「搜尋」選單中，按一下 **Install**對 **Splunk DB Connect** App（如圖所示）。

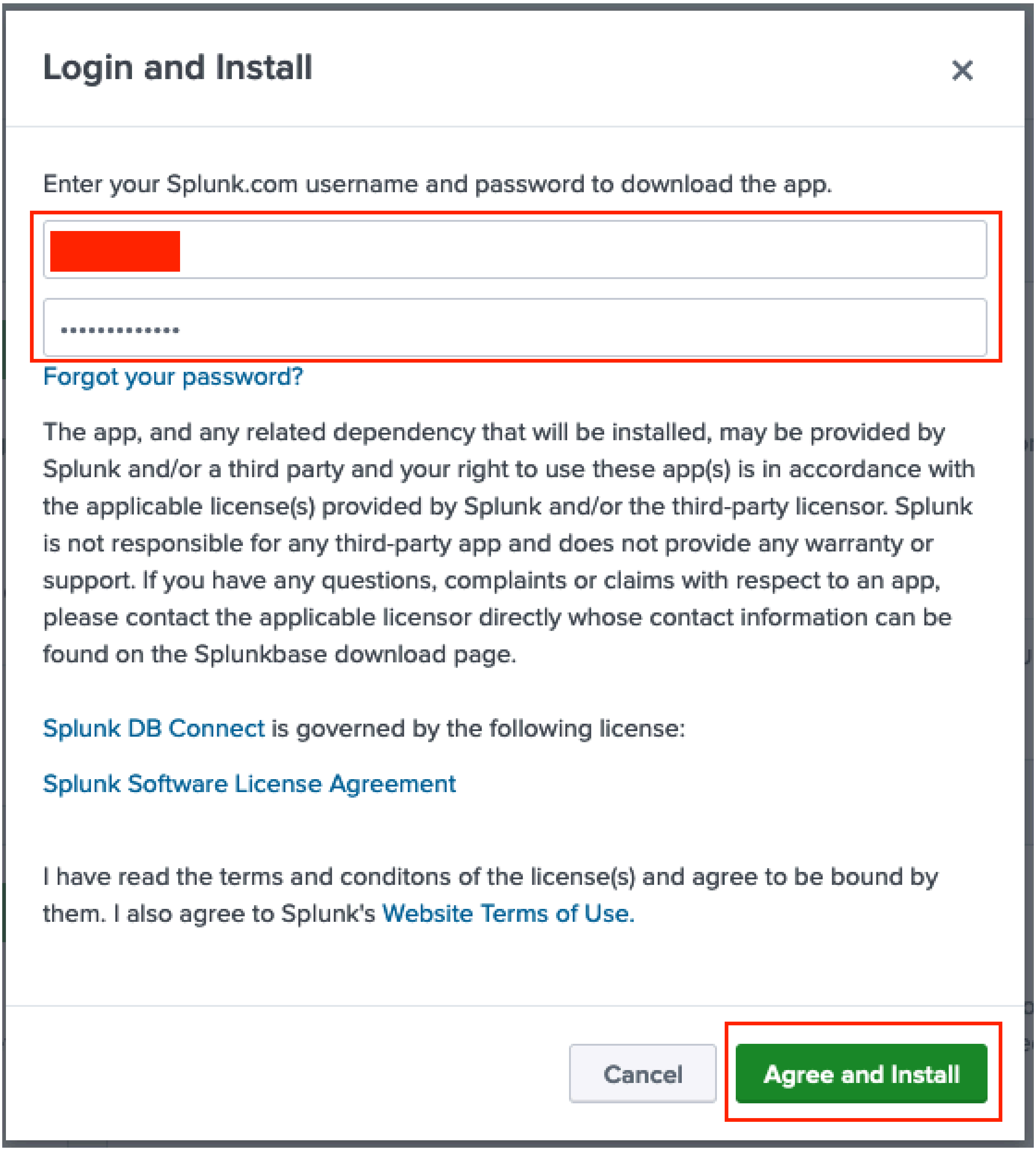


Splunk DB Connect version 2.x reached its End of Life on July 7, 2019. For more information about this change and our app lifecycle, see https://www.splunk.com/blog/2019/03/18/end-of-availability-splunk-built-apps-and-add-ons.html?April.

Splunk DB Connect is a generic SQL database extension for Splunk that enables easy integration of database info... More

Category: Business Analytics, Utilities | Author: Splunk Inc. | Downloads: 152308 | Released: 2 months ago |
Last Updated: 20 days ago | View on Splunkbase

輸入Splunk憑據以安裝應用。按一下 **Agree and Install** 如下圖所示。



Login and Install

Enter your Splunk.com username and password to download the app.

[redacted]

••••••••••••••

Forgot your password?

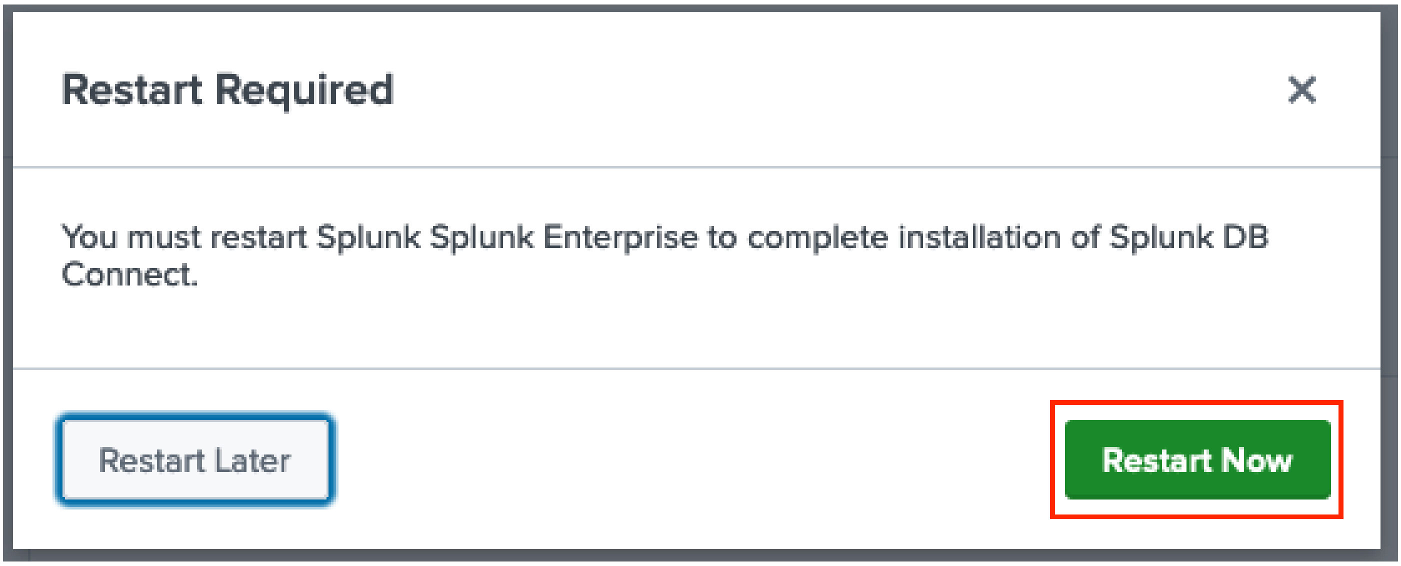
The app, and any related dependency that will be installed, may be provided by Splunk and/or a third party and your right to use these app(s) is in accordance with the applicable license(s) provided by Splunk and/or the third-party licensor. Splunk is not responsible for any third-party app and does not provide any warranty or support. If you have any questions, complaints or claims with respect to an app, please contact the applicable licensor directly whose contact information can be found on the Splunkbase download page.

Splunk DB Connect is governed by the following license:

Splunk Software License Agreement

I have read the terms and conditons of the license(s) and agree to be bound by them. I also agree to Splunk's Website Terms of Use.

應用程式安裝需要重新啟動，請按一下 **Restart Now**.

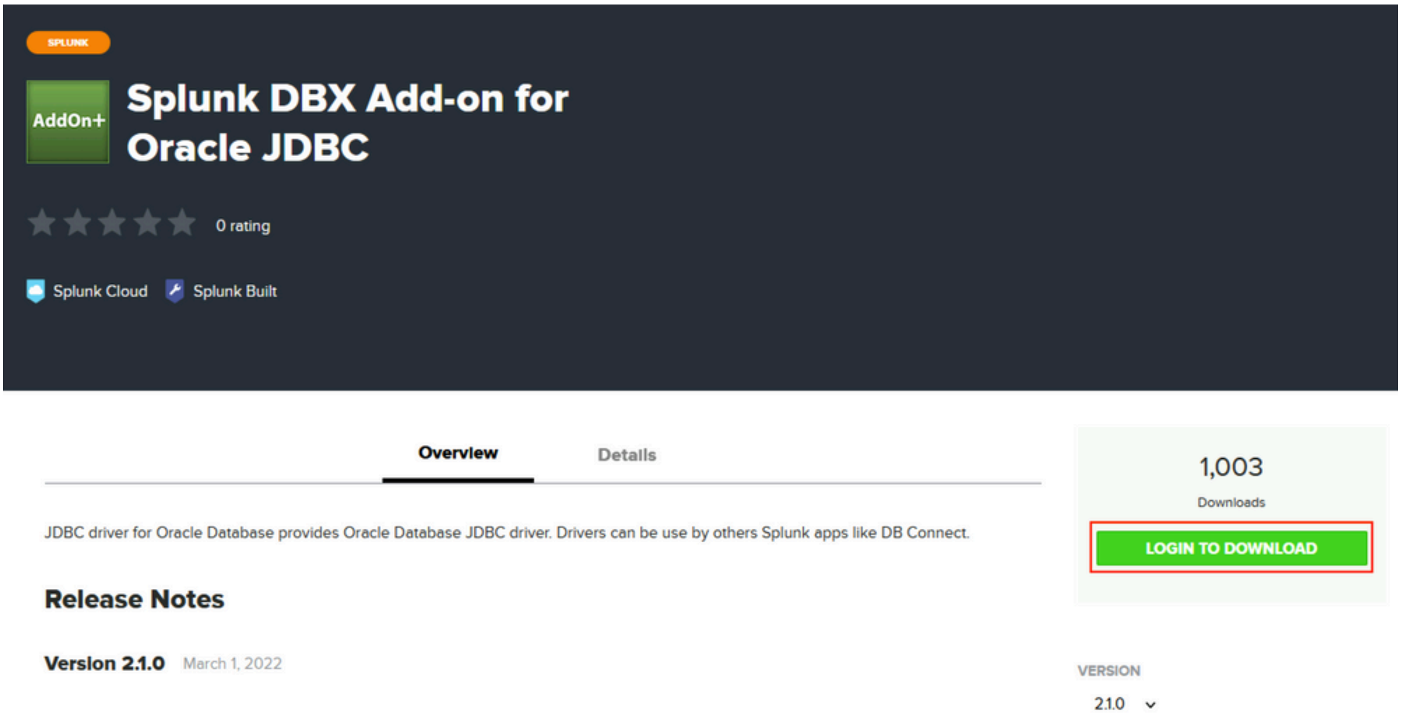


Restart Required

You must restart Splunk Splunk Enterprise to complete installation of Splunk DB Connect.

2.安裝Oracle驅動程式

根據Splunk文檔，必須安裝JDBC驅動程式。通過用於DB Connect的Splunk載入項安裝Oracle驅動程式。 按一下 **Login to Download** 如下圖所示。



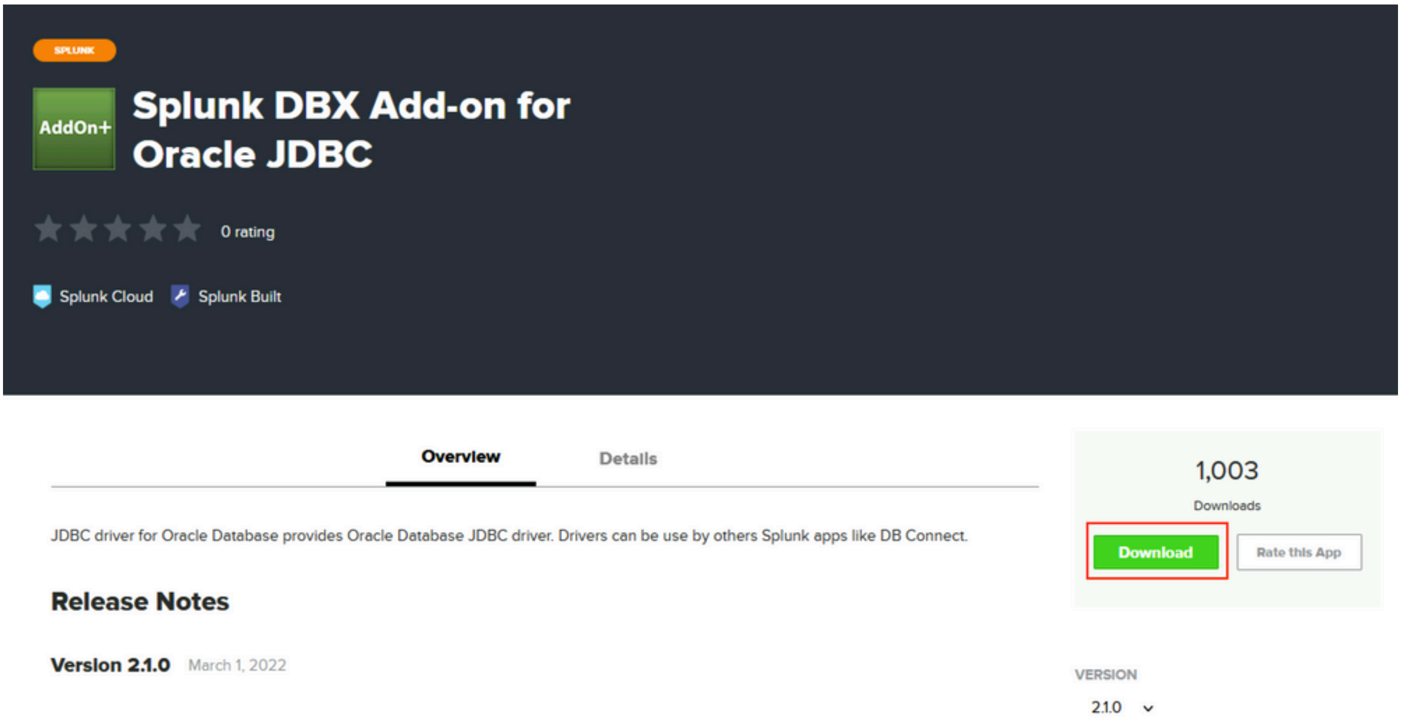
Splunk DBX Add-on for Oracle JDBC

JDBC driver for Oracle Database provides Oracle Database JDBC driver. Drivers can be use by others Splunk apps like DB Connect.

Release Notes

Version 2.1.0 March 1, 2022

按一下 **Download**.



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在「首頁」(Home)選單中，按一下旁邊的「齒輪」(Gear)圖示 **Apps** 如下圖所示。

關於此翻譯