

Configurar a integração de conexão de dados do ISE 3.2 com o Splunk

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Introduction

Este documento descreve como configurar a integração do Cisco Identity Services Engine (ISE) 3.2 com o Splunk over Data Connect para recuperar dados de relatório diretamente do banco de dados do ISE. Você pode criar suas próprias consultas e criar seus próprios relatórios graças a ela.

Prerequisites

Requirements

A Cisco recomenda que você tenha conhecimento destes tópicos:

1. Cisco ISE 3.2
2. Conhecimento básico sobre consultas Oracle
3. Splunk

Componentes Utilizados

As informações neste documento são baseadas nestas versões de software e hardware:

1. Cisco ISE 3.2
2. Splunk 9.0.0

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. Se a rede estiver ativa, certifique-se de que você entenda o impacto potencial de qualquer comando.

Configurar

Configurações

Etapa 1. Configurar as definições de conexão de dados do ISE

1. Habilitar Conexão de Dados

No ISE, navegue até **Administration > System > Settings > Data Connect** alternar o botão contra **Data Connect**. Digite a senha e clique em **Save**.

The screenshot shows the Cisco ISE Administration console. The top navigation bar includes 'Administration · System' and a menu with options like 'Deployment', 'Licensing', 'Certificates', 'Logging', 'Maintenance', 'Upgrade', 'Health Checks', 'Backup & Restore', 'Admin Access', and 'Settings'. The left sidebar lists various configuration categories, with 'Data Connect' selected. The main content area is titled 'Data Connect' and includes an 'Overview' section with a diagram of ODBC-JDBC connectivity. The 'Settings' section is highlighted with a red box and contains a 'Data Connect' toggle switch (checked), a 'Password' field, a 'Confirm Password' field, and a 'Password Expiry' field set to '90'. There are 'Reset' and 'Save' buttons at the bottom right.

Anote as configurações de conexão de dados, que incluem **User Name**, **Hostname**, **Port**, and **Service Name**. Por padrão, a Conexão de dados está habilitada no MNT secundário em uma implantação distribuída. Mais informações sobre cenários de failover podem ser encontradas no Guia do Administrador.

- Client Provisioning
- FIPS Mode
- Security Settings
- Alarm Settings
- General MDM / UEM Settings
- Posture**
- Profiling
- Protocols
- Endpoint Scripts
- Proxy
- SMTP Server
- SMS Gateway
- System Time
- API Settings
- Data Connect**
- Network Success Diagnostics
- DHCP & DNS Services
- Max Sessions
- Light Data Distribution
- Interactive Help
- Enable TAC Support Cases

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

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

Reset

Save

2. Exportar Certificado de Conexão de Dados

Operação em step 1. disparou a criação do Certificado de Conexão de Dados. Ele precisa ser confiável para os clientes que consultam o ISE sobre o Data Connect.

Para exportar o certificado, navegue até Administration > System > Settings > Certificate Management > Trusted Certificates, selecionar certificado com Data Connect Certificate Nome amigável e clique em Export .

- Certificate Management**
- System Certificates
- Trusted Certificates**
- OCSP Client Profile
- Certificate Signing Requests
- Certificate Periodic Check Se...
- Certificate Authority

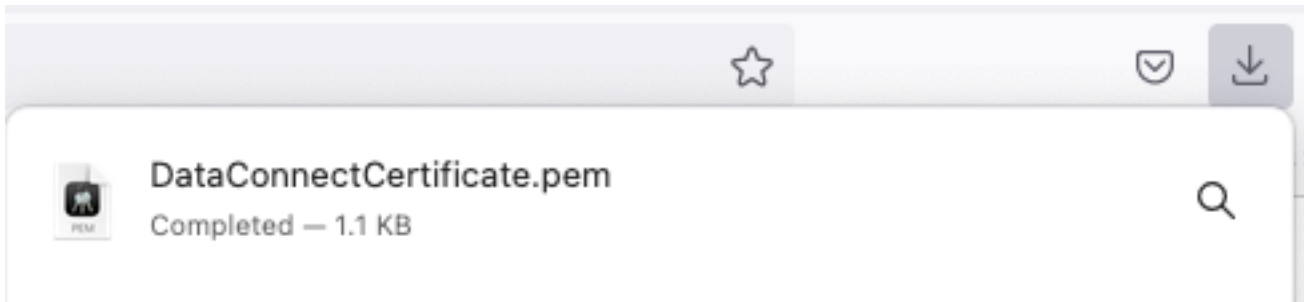
Trusted Certificates

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

[Edit](#) [+ Import](#) [Export](#) [Delete](#) [View](#)

<input type="checkbox"/>	Friendly Name	Trusted For	Serial Number	Issued To	Issued By
<input type="checkbox"/>	Data Connect	x			
<input checked="" type="checkbox"/>	Data Connect Certificate	Cisco Services	BF 3E 3E D3 F...	ISE_ORACLE_ISE31-1ek.ise-cre...	ISE_ORACLE_ISE31-1ek.i...

O certificado é exportado no formato PEM.

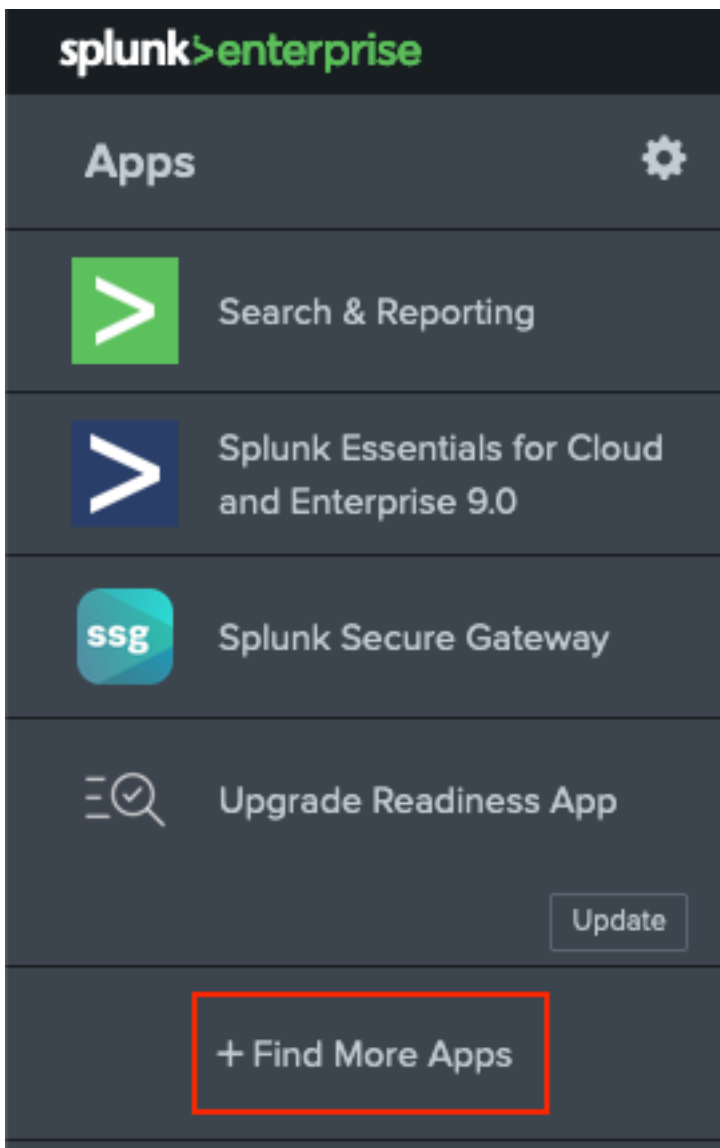


Etapa 2. Configurar o Splunk

Note: A instalação do Splunk está fora do escopo deste documento.

1. Instalar Aplicativo Splunk DB Connect

Clique em **+ Find More Apps** no menu principal.



Enter **Splunk DB Connect** no menu pesquisar e clique em **Install** contra **Splunk DB Connect** Aplicativo conforme mostrado na imagem.

Browse More Apps

Splunk DB Connect ×

Best Match Newest Popular

924 Apps

CATEGORY

- IT Operations
- Security, Fraud & Compliance
- Business Analytics
- Utilities
- IoT & Industrial Data
- DevOps
- Directory Service
- Email
- Endpoint
- Firewall
- Generic

DBX Splunk DB Connect

Install

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](#)

Insira as credenciais do Splunk para instalar o aplicativo. Clique em **Agree and Install** conforme mostrado na imagem.

Login and Install



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

[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:

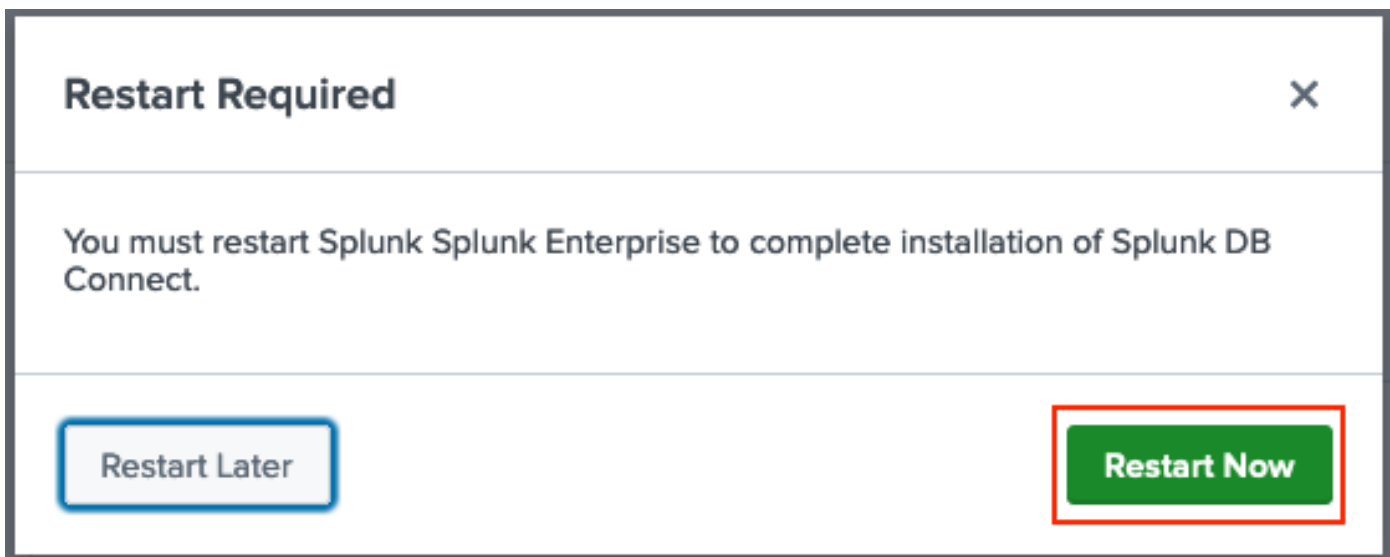
[Splunk Software License Agreement](#)

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

Cancel

Agree and Install

A instalação do aplicativo requer a reinicialização, clique em **Restart Now**.



2. Instalar Drivers Oracle

De acordo com a [documentação do Splunk](#), os drivers JDBC devem ser instalados. Instale o [driver Oracle](#) por meio dos complementos Splunk para DB Connect. Clique em **Login to Download** conforme mostrado na imagem.

A screenshot of the Splunk Add-on for Oracle JDBC page. The header shows the Splunk logo and "AddOn+ Splunk DBX Add-on for Oracle JDBC". Below the title, there are five stars and "0 rating". The page is marked as "Splunk Cloud" and "Splunk Built". There are two tabs: "Overview" (selected) and "Details". The main content area contains the text: "JDBC driver for Oracle Database provides Oracle Database JDBC driver. Drivers can be use by others Splunk apps like DB Connect." Below this is the "Release Notes" section, showing "Version 2.1.0" dated "March 1, 2022". On the right side, there is a green box showing "1,003 Downloads" and a green button labeled "LOGIN TO DOWNLOAD" (highlighted with a red border). Below this, there is a "VERSION" dropdown menu currently set to "2.1.0".

Clique em **Download**.

SPLUNK



Splunk DBX Add-on for Oracle JDBC

★★★★★ 0 rating

Splunk Cloud Splunk Built

Overview

Details

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

1,003

Downloads

Download

Rate this App

VERSION

2.1.0 ▾

No menu Home, clique no ícone Gear ao lado de Apps conforme mostrado na imagem.

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