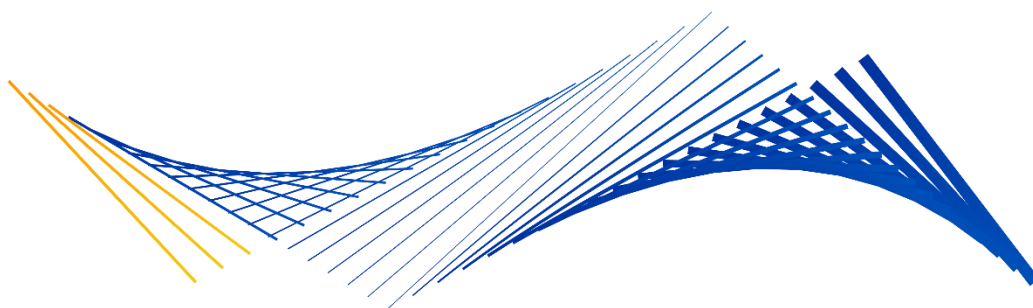




Card Payouts Toolkit for NetSuite

Developer Guide

Version 1.0



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About This Guide

1. Overview

The Card Payouts application enables corporate (treasury) banks to offer the Visa Direct payout service to their enterprise clients. This guide is for developers and system integrators who are working on behalf of a corporate bank to customize the Card Payouts application for their clients. Part 1 of this guide walks through how to use the various components of the Card Payouts Toolkit to build a SuiteApp application that is customized for your bank and integrates with the NetSuite enterprise resource planning (ERP) system. Part 2 shows how to validate your SuiteApp in a NetSuite environment.

About Visa Direct

Visa Direct is a digital payment capability that enables enterprises and financial institutions to move money to billions of endpoints worldwide over the Visa network, using card numbers or financial account numbers to route the payments. With Visa Direct, a financial institution can offer enterprise clients an efficient, secure and seamless way to disburse funds directly to a recipient's eligible Visa Debit or Visa Prepaid card (in the U.S., payments can also be routed to most Mastercard debit and prepaid cards)*. This makes it possible for enterprises to pay employees, vendors, customers or others in real time**, 24/7/365, without the need to manage batch files or rely on slower payout methods like wire, check or ACH.

**Visa offers the Visa Push Payment Gateway Service to enable push-to-card capabilities for non-Visa cards in the U.S. and Canada*

*** Actual fund availability depends on receiving financial institution and region*

Visa Direct can provide many benefits to enterprises:

- **Speed and control:** Payees can get fast and simple access to funds, with digital payments that are available in 30 minutes or less after being requested.*
- **Modern digital experiences:** Enterprises can deliver the fast, simple, connected payment experiences that payees expect.
- **Real-time processing:** Payments are processed in real-time,* 24/7/365.
- **Reduced costs:** All-digital payments can reduce the direct and indirect cost of payments made currently with paper checks.

** Actual fund availability varies by receiving financial institution, receiving account type, region, and whether transaction is domestic or cross-border.*

Connecting Visa Direct to ERP systems

One of the primary ways that an enterprise can access Visa Direct services is through its ERP system. To enable this integration, a corporate bank provides its enterprise clients with the Card Payouts application that adds an accounts payable (A/P) module to the client's ERP system. The enterprise can then trigger a push-to-card payout directly from its ERP system, and Card Payouts will use Visa Direct to route funds from the corporate bank to the recipient's card issuing bank.

Introduction to the Card Payouts Toolkit for NetSuite

This Card Payouts Toolkit for NetSuite is an application framework consisting of NetSuite custom components and various scripts, including client scripts, user event scripts, Suitelets and workflows. It extends NetSuite's standard functionality and enables users to perform payment-related tasks like debit card registration and invoice processing. The framework provides readily available email templates for each payee communication required and includes pre-configured searches for reporting and reminders. It also supports debit card information management for eligible payees through a self-service portal in the NetSuite Vendor Center. The example below illustrates a payment flow to a vendor.

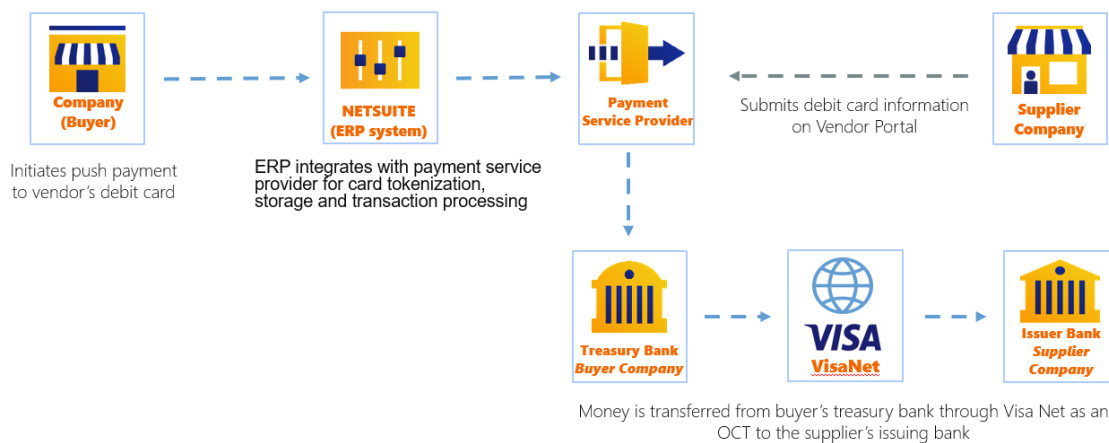


Figure 1: High-level process flow of the Card Payouts application

Before you get started

The Card Payouts application requires a corporate bank that will serve, directly or indirectly, as the card-on-file/token service provider and payment processor.

If you are using this guide, we will assume that you are working on behalf of a corporate bank that can meet this requirement, that you have sufficient familiarity with NetSuite features and functionality, and that you have access to a NetSuite sandbox and production environment.

Terminology used in this guide

The following terms are used throughout this guide. Although some terms are interchangeable, the guide will by default use terms that match the Card Payouts UI whenever possible.

- **Corporate Bank** – This is the enterprise client’s bank (also known as the “treasury bank”). Funds will be transferred from this bank to the payee during the payment process.
- **Payment Processor** – This entity (which could be the corporate bank) connects to VisaNet and is responsible for processing the transaction.
- **Token Service Provider** – This entity (which could be the corporate bank) stores the recipients’ card number on file and tokenizes it. The token number is shared with the enterprise, who will then store and use it when requesting that the corporate bank make a payout transaction.
- **Issuing Bank** – This is the bank that has issued the payee’s debit card and that will receive the disbursed funds.
- **Vendor** – This can be any payee with a debit card enrolled in the Card Payouts application, including an employee, supplier, customer or other business entity or individual.
- **Enterprise** – This is the payer entity, i.e. the company that is managing accounts payable processes and paying out funds to payees.
- **NetSuite Vendor Center** – This is a module within NetSuite where enterprises can manage their vendors and vendors can manage their information (including debit card details).
- **SuiteApp** – This is the Card Payouts application built by the corporate bank and embedded into their enterprise client’s existing NetSuite ERP system.

2. Technical requirements and deployment

Before you get started, it's important to understand the basic technical requirements that both enable the correct process flow and support the best user experience for your enterprise clients.

Corporate bank requirements

To use the Card Payouts Toolkit, your bank must meet the following minimum requirements:

- Must be a Visa Direct-enabled corporate bank (Note: Please contact Visa for details on how to be enabled.)
- Has the ability to provide access tokens and process debit card number tokenization to authenticate to and from NetSuite
- Has an embeddable widget or secure hosted page that can be triggered from NetSuite to capture and store debit card details
- Has an API to support enrollment and unenrollment of existing debit cards
- Has an API that can receive payment details from a NetSuite application, push funds to a target recipient's bank account, and send payment confirmation back to NetSuite
- Has the ability to generate a bank reconciliation file for reporting to the NetSuite system
- Can perform NetSuite scripting and customization, or has a NetSuite Implementation Partner who can do these tasks

NetSuite requirements

Before you validate the Card Payouts application in your NetSuite environment, navigate to **Setup > Company > Enable Features** in NetSuite and make sure that the following are enabled:

Suite Cloud sub-tab:

- CUSTOM RECORDS
- CUSTOM CODE
- SERVERSIDE SCRIPTING

Technical

Customize your corporate bank integration scripts

- WORKFLOW

Accounting and **CRM** sub-tab:

- ACCOUNTING
- INTRANSIT PAYMENTS
- CRM

Card Payouts Toolkit deployment

We recommend that you deploy the Toolkit using the NetSuite SuiteCloud Development Framework (SDF):

- First, download the Card Payouts Toolkit zip file from the Visa Developer Center.
- Then, use SDF to deploy the Card Payouts Toolkit zip file to your NetSuite environment.

For more information, see the [SDF Project Deployment Preparation documentation](#).

For v2021.1, refer to this [SDF Deployment Preparation link](#). Note that login is required to access this documentation.

3. Card Payouts roles

The Card Payouts Toolkit includes pre-configured custom roles that are associated with various payout processes in the Card Payouts application. Your enterprise clients will assign these roles to employees (e.g. an Accounts Payable manager) or vendors (payees) who have access to NetSuite.

The **Administrator** is the most powerful role in NetSuite with full access to every function in the Card Payouts application. It is important to note that NetSuite recommends that at least two users are assigned this role, so that if one is not available, then the other can continue to perform administrator tasks.

Role	Description
Card Payouts A/P Clerk	Performs standard A/P clerk functions with the ability to manage debit cards (enroll/unenroll) directly with the specified Token Service Provider.

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Customize your corporate bank integration scripts

	This role is assigned to specific employees who will be responsible for performing these tasks.
Card Payouts Contractor Center	Performs standard NetSuite Vendor Center functions and enables vendors to manage their own debit cards directly with the specified Token Service Provider. This role is assigned to vendors whom you want to pay using the Card Payouts application.
Card Payouts Controller	Performs or oversee the following Card Payouts activities: <ul style="list-style-type: none">• Corporate Bank Management• Card Payouts Preference• Payment Disbursement• Payment Reconciliation This role is assigned to an employee who will be responsible for the above activities.
Card Payouts Admin	Functions as an executor for all the application-specific scripts and workflows related to the Card Payouts application.

Part 1: Building a Card Payouts application for NetSuite (SuiteApp)

The Card Payouts Toolkit for NetSuite enables you to build a standalone application that is customized for your corporate bank. The resulting application (a SuiteApp) will be ready to distribute to your enterprise clients through the [NetSuite marketplace](#).

3.1 Customize your corporate bank integration scripts

This section will show you how to modify the scripts that enable the Card Payouts application to establish a connection to your corporate bank.

Update Access Token request function

The Access Token is used as part of multi-factor authentication.

Step 1 | Log in to NetSuite as an **Administrator**.

Step 2 | Navigate to **Documents > Files > File Cabinet**.

The screenshot shows the NetSuite File Cabinet interface. The top navigation bar includes 'ORACLE NETSUITE' and a search bar. Below the navigation bar, the 'Documents' menu is selected. The main area displays a list of folders and files with columns for 'EDIT', 'NAME', 'SIZE', 'LAST MODIFIED', 'TYPE', and 'DOWNLOAD'. The left sidebar shows a tree view of the file cabinet structure.

EDIT	NAME	SIZE	LAST MODIFIED	TYPE	DOWNLOAD
Edit	App Packages	3.33 KB	4/8/2020 5:12 am	Folder	Download
Edit	Assembly Instructions	1.72 MB	4/24/2020 7:32 am	Folder	Download
Edit	Attachments Received	665.88 KB	4/1/2020 8:36 pm	Folder	Download
Edit	Attachments Sent	0 B	10/23/2020 11:25 pm	Folder	Download
Edit	Bundle - Demo Instructions	1.64 MB	4/13/2020 8:05 am	Folder	Download
Edit	Contracts	87.05 KB	4/6/2020 2:57 pm	Folder	Download
Edit	CSV Templates	810 B	4/16/2020 7:19 am	Folder	Download
Edit	Download Items	57.0 KB	5/9/2020 1:33 pm	Folder	Download
Edit	Drawings	0 B	4/24/2020 7:32 am	Folder	Download
Edit	HR Documents	71.0 KB	4/10/2020 11:23 am	Folder	Download
Edit	Images	13.02 MB	4/9/2020 5:10 pm	Folder	Download
Edit	Mail Template Image Folder	1.58 KB	4/14/2020 1:44 pm	Folder	Download
Edit	Sales Tools Tab	217.5 KB	5/7/2020 2:53 pm	Folder	Download
Edit	Shipping Labels	3.82 MB	4/13/2020 11:04 am	Folder	Download
Edit	SSL Certificates	0 B	4/18/2020 8:16 pm	Folder	Download
Edit	SuiteApps	1.23 MB	4/8/2020 9:38 pm	Folder	Download

Step 3 | In the left pane, expand the folder **SuiteApps > com.visa.cardpayouts** and click **Library**.

The screenshot shows the NetSuite File Cabinet interface with the 'SuiteApps > com.visa.cardpayouts > Library' folder expanded. The main area displays a list of JavaScript files with columns for 'EDIT', 'NAME', 'SIZE', 'LAST MODIFIED', 'TYPE', and 'DOWNLOAD'. The left sidebar shows the file cabinet structure.

EDIT	NAME	SIZE	LAST MODIFIED	TYPE	DOWNLOAD
Edit	dataTables.jqueryui.min.js	2.59 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	dataTables.select.min.js	11.99 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	jquery-3.4.1.min.js	86.06 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	jquery-ui.min.js	247.74 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	jquery.dataTables.min.js	80.64 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	uiui_v4.js	1.81 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	VDSA_LIB_constantsFile.js	2.57 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	VDSA_LIB_TokenService.js	18.5 KB	1/19/2021 12:06 am	JavaScript File	Download
Edit	VDSA_Utility_LIB.js	3.9 KB	4/8/2020 4:35 am	JavaScript File	Download

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Customize your corporate bank integration scripts

Step 4 | Click **Edit** next to **VDSA_LIB_TokenService.js**.

The screenshot shows the Oracle NetSuite File Manager interface. The file 'VDSA_LIB_TokenService.js' is selected. The interface includes a search bar, navigation tabs (Activities, Box Files, Payments, Transactions, Lists, Reports, Analytics, Customization, Documents, Setup, Support, Demo Framework, Fixed Assets, SuiteSocial, Card Payouts, SuiteApps, Sales), and a file details panel. The details panel shows the file name, type (JavaScript File), size (18,941 bytes), folder (SuiteApps > com.visa.cardpayouts > Library), and a description field. At the bottom, there are links for 'Choose File', 'No file chosen', and 'Media Item' with sub-links for 'preview', 'download', and 'edit'.

Step 5 | Under **Media Item**, click **Edit** to open the script file.

The screenshot shows the script file 'VDSA_LIB_TokenService.js' opened in a browser editor. The browser address bar shows the URL: 'https://tstdrv2257905.app.netsuite.com/app/common/record/edittextmediaitem.nl?id=5845&e=T&l=T&target=filesize&syntaxHighlighting=T'. The script content is as follows:

```
1 *
2 * Script : VDSA_LIB_TokenService.js
3 * Abstract : Handles API calls for Corporate Bank integration.
4 * Author : jayzar.n.estareja
5 * Revision History :
6 *
7 * Version * Date * Author * Description
8 *
9 * 0.1 * 01/07/2020 * jayzar.n.estareja * Initial version
10 * 0.2 * 01/08/2020 * darryl.d.caparas * Bank Integration - Webhook
11 * 0.3 * 01/13/2020 * jayzar.n.estareja * Bank Integration - update feature
12 * 0.4 * 01/21/2020 * darryl.d.caparas * Bank Integration - unenroll feature
13 * 0.5 * 01/21/2020 * jayzar.n.estareja * Update get general preference code
14 * 0.6 * 01/23/2020 * jayzar.n.estareja * Used session variable for access token
15 * 0.7 * 01/24/2020 * jayzar.n.estareja * Bank Integration - card payment transaction
16 * 0.8 * 02/04/2020 * darryl.d.caparas * Modified SourceSenderName
17 * 0.9 * 02/10/2020 * darryl.d.caparas * Increase the SourceSenderName to Truncate 25 characters
18 * 0.10 * 02/11/2020 * jayzar.n.estareja * Hide IFrame Optional field
19 * 0.11 * 03/30/2020 * jayzar.n.estareja * Update IFrame API
20 * 0.12 * 04/06/2020 * jayzar.n.estareja * Password encryption
21 *
22 *
23 /**
24 * @NApiVersion 2.x
25 * @ModuleScope SameAccount_
26 */
27
28 define(['N/runtime', 'N/https', 'N/record', 'N/url', './uuid_v4.js'],
29
30 function(runtime, https, record, url, uuidv4) {
31
32 /**
33 * Returns the card preference singleton record
34 * @return {nlobjrecord} netsuite record object
35 */
36 function getCardPreferencesRecord() {
37 var preferenceRecord = runtime.getCurrentScript().getParameter({ name: 'custscript_vdsa_preference_record' });
38 if (!preferenceRecord){
```

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Customize your corporate bank integration scripts

Step 6 | Find the **requestAccessToken** function and add your bank's corresponding API for authentication. See the **Visa Toolkit Note** in the script for more information.

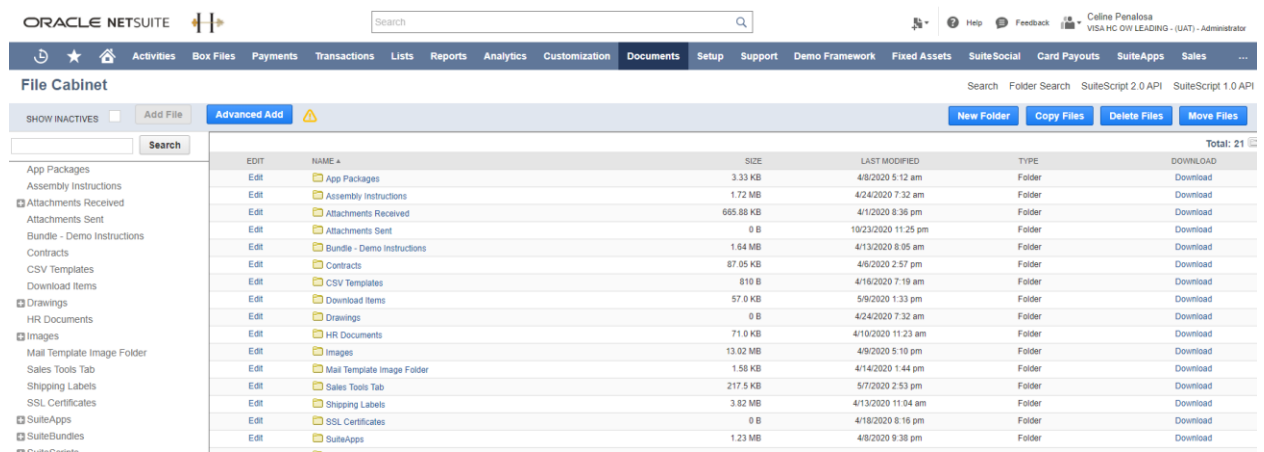
Add your corporate bank's Webhook API logic

Next, add the API logic that will establish the connection between your corporate bank and NetSuite. If your corporate bank will be accommodating the responses through a webhook connection, use the following buttons:

- **Register**—This button is available only if the webhook is not yet registered.
- **Check Status**—This will send an API request to the corporate bank to determine the status of the registration ID.
- **Deactivate**—This will send an API request to set the status of the current registration ID to **False**, and render it unusable. Once completed, the page will reload and show the **Register** button.

Step 1 | Log in to NetSuite as an **Administrator**.

Step 2 | Navigate to **Documents > Files > File Cabinet**.



The screenshot shows the NetSuite File Cabinet interface. The top navigation bar includes 'ORACLE NETSUITE' and a search bar. The main navigation menu has 'Documents' selected. The 'File Cabinet' page shows a list of folders and files with columns for 'EDIT', 'NAME', 'SIZE', 'LAST MODIFIED', 'TYPE', and 'DOWNLOAD'. The 'SuiteApps' folder is highlighted in the left sidebar.

EDIT	NAME	SIZE	LAST MODIFIED	TYPE	DOWNLOAD
Edit	App Packages	3.33 KB	4/8/2020 5:12 am	Folder	Download
Edit	Assembly Instructions	1.72 MB	4/24/2020 7:32 am	Folder	Download
Edit	Attachments Received	665.88 KB	4/1/2020 8:36 pm	Folder	Download
Edit	Attachments Sent	0 B	10/23/2020 11:25 pm	Folder	Download
Edit	Bundle - Demo Instructions	1.64 MB	4/13/2020 8:05 am	Folder	Download
Edit	Contracts	87.05 KB	4/6/2020 2:57 pm	Folder	Download
Edit	CSV Templates	810 B	4/16/2020 7:19 am	Folder	Download
Edit	Download Items	57.0 KB	5/9/2020 1:33 pm	Folder	Download
Edit	Drawings	0 B	4/24/2020 7:32 am	Folder	Download
Edit	HR Documents	71.0 KB	4/10/2020 11:23 am	Folder	Download
Edit	Images	13.02 MB	4/9/2020 5:19 pm	Folder	Download
Edit	Mail Template Image Folder	1.58 KB	4/14/2020 1:44 pm	Folder	Download
Edit	Sales Tools Tab	217.5 KB	5/7/2020 2:53 pm	Folder	Download
Edit	Shipping Labels	3.82 MB	4/13/2020 11:04 am	Folder	Download
Edit	SSL Certificates	0 B	4/18/2020 8:16 pm	Folder	Download
Edit	SuiteApps	1.23 MB	4/8/2020 9:38 pm	Folder	Download

Step 3 | In the left pane, expand the folder **SuiteApps > com.visa.cardpayouts** and click **Library**.

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Customize your corporate bank integration scripts

ORACLE NETSUITE

Search

Activities Box Files Payments Transactions Lists Reports Analytics Customization Documents Setup Support Demo Framework Fixed Assets SuiteSocial Card Payouts SuiteApps Sales

File Cabinet

SHOW INACTIVES Add File Advanced Add

New Folder Copy Files Delete Files Move Files

SuiteApps > com.visa.cardpayouts > Library

EDIT	NAME	SIZE	LAST MODIFIED	TYPE	DOWNLOAD
Edit	dataTables.jqueryui.min.js	2.59 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	dataTables.select.min.js	11.99 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	jquery-3.4.1.min.js	86.06 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	jquery-ui.min.js	247.74 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	jquery.dataTables.min.js	80.64 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	uuid_v4.js	1.81 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	VDSA_LIB_constantsFile.js	2.57 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	VDSA_LIB_TokenService.js	18.5 KB	1/19/2021 12:06 am	JavaScript File	Download
Edit	VDSA_UTILITY_LIB.js	3.9 KB	4/8/2020 4:35 am	JavaScript File	Download

Step 4 | Click **Edit** next to **VDSA_LIB_TokenService.js**.

ORACLE NETSUITE

Search

Activities Box Files Payments Transactions Lists Reports Analytics Customization Documents Setup Support Demo Framework Fixed Assets SuiteSocial Card Payouts SuiteApps Sales

File

Save Cancel Reset Actions

FILE NAME *
VDSA_LIB_TokenService.js

FILE TYPE
JavaScript File

FILE SIZE (BYTES)
18,941

FOLDER *
SuiteApps : com.visa.cardpayouts : Library

DESCRIPTION

URL
https://tstdv2257905.app.netsuite.com/c.TSTDRV2257905/suiteapp/com.visa.cardpayouts/Library/VDSA_LIB_TokenService.js

SELECT FILE
Choose File No file chosen

MEDIA ITEM
preview VDSA_LIB_TokenService.js download Edit

- INACTIVE
- AVAILABLE FOR SUITEBUNDLES
- HIDE IN SUITEBUNDLE
- AVAILABLE WITHOUT LOGIN
- COMPANY-WIDE USAGE
- GENERATE URL TIME STAMP

Step 5 | Under **Media Item**, click **Edit** to open the script file.

Card Payout

Customize your corporate bank integration scripts

```
File - Google Chrome
tstdrv2257905.app.netsuite.com/app/common/record/edittextmediaitem.nl?id=5845&e=T&l=T&target=filesize&syntaxHighlighting=T

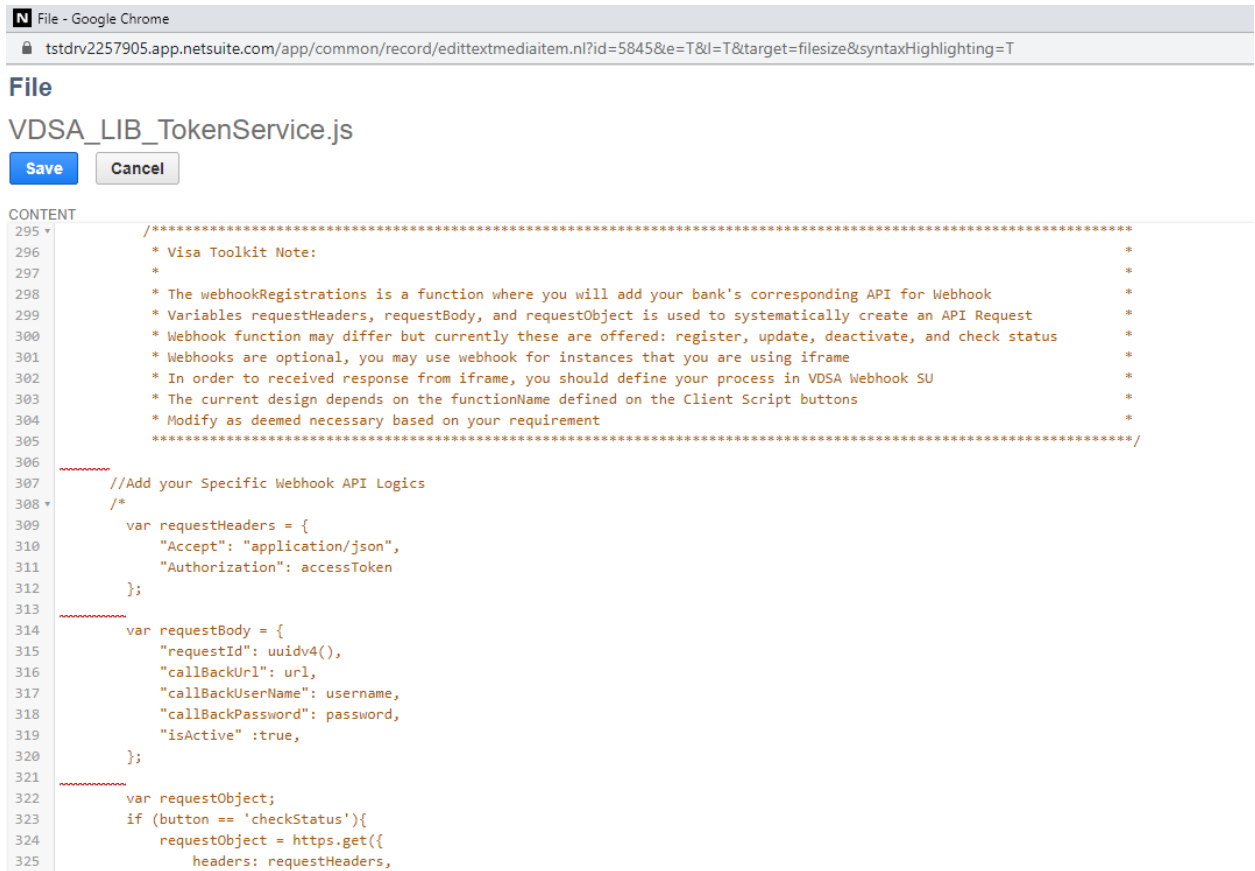
File
VDSA_LIB_TokenService.js
Save Cancel

CONTENT
1 *
2 * Script : VDSA_LIB_TokenService.js
3 * Abstract : Handles API calls for Corporate Bank integration.
4 * Author : jayzar.n.estareja
5 * Revision History :
6 *****
7 * Version * Date * Author * Description
8 *****
9 * 0.1 * 01/07/2020 * jayzar.n.estareja * Initial version
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14 * 0.6 * 01/23/2020 * jayzar.n.estareja * Used session variable for access token
15 * 0.7 * 01/24/2020 * jayzar.n.estareja * Bank Integration - card payment transaction
16 * 0.8 * 02/04/2020 * darryl.d.caparas * Modified SourceSenderName
17 * 0.9 * 02/10/2020 * darryl.d.caparas * Increase the SourceSenderName to Truncate 25 characters
18 * 0.10 * 02/11/2020 * jayzar.n.estareja * Hide IFRAME Optional field
19 * 0.11 * 03/30/2020 * jayzar.n.estareja * Update IFRAME API
20 * 0.12 * 04/06/2020 * jayzar.n.estareja * Password encryption
21 *****/
22
23 /**
24 * @NApiVersion 2.x
25 * @NModuleScope SameAccount_
26 */
27
28 define(['N/runtime', 'N/https', 'N/record', 'N/url', './uuid_v4.js'],
29
30 function(runtime, https, record, url, uuidv4) {
31
32 /**
33 * Returns the card preference singleton record
34 * @return {nlobjrecord} netsuite record object
35 */
36 function getCardPreferencesRecord() {
37 var preferenceRecord = runtime.getCurrentScript().getParameter({ name: 'custscript_vdsa_preference_record' });
38 if (!preferenceRecord){
```

Step 6 | Find the **webhookRegistration** function and add your bank's corresponding API for the webhook. See the **Visa Toolkit Note** in the script for more information.

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View debit card management scripts



```
File - Google Chrome
tstdrv2257905.app.netsuite.com/app/common/record/edittextmediaitem.nl?id=5845&e=T&l=T&target=filesize&syntaxHighlighting=T

File
VDSA_LIB_TokenService.js
Save Cancel

CONTENT
295 /*****
296 * Visa Toolkit Note:
297 *
298 * The webhookRegistrations is a function where you will add your bank's corresponding API for Webhook
299 * Variables requestHeaders, requestBody, and requestObject is used to systematically create an API Request
300 * Webhook function may differ but currently these are offered: register, update, deactivate, and check status
301 * Webhooks are optional, you may use webhook for instances that you are using iframe
302 * In order to received response from iframe, you should define your process in VDSA Webhook SU
303 * The current design depends on the functionName defined on the Client Script buttons
304 * Modify as deemed necessary based on your requirement
305 *****/
306
307 //Add your Specific Webhook API Logics
308 /*
309     var requestHeaders = {
310         "Accept": "application/json",
311         "Authorization": accessToken
312     };
313
314     var requestBody = {
315         "requestId": uuidv4(),
316         "callbackUrl": url,
317         "callbackUserName": username,
318         "callbackPassword": password,
319         "isActive" :true,
320     };
321
322     var requestObject;
323     if (button == 'checkStatus'){
324         requestObject = https.get({
325             headers: requestHeaders,
```

Step 6 | Click **Save**.

3.2 View debit card management scripts

Follow these steps to see all the scripts related to vendor debit card management from the Card Payouts Toolkit.

STEP 1 | Log in to NetSuite as an **Administrator**.

STEP 2 | Go to **Documents > Files > File Cabinet**.

Card Payout

Customize debit card management scripts

The screenshot shows the Oracle NetSuite File Cabinet interface. The top navigation bar includes 'Activities', 'Box Files', 'Payments', 'Transactions', 'Lists', 'Reports', 'Analytics', 'Customization', 'Documents', 'Setup', 'Support', 'Demo Framework', 'Fixed Assets', 'SuiteSocial', and 'Card'. The 'File Cabinet' section is active, displaying a search bar and a list of folders and files. The left sidebar shows a tree view of folders, with 'SuiteApps' expanded to show 'com.visa.cardpayouts'. The main table lists the following items:

EDIT	NAME	SIZE	LAST MODIFIED	TYPE
Edit	App Packages	3.33 KB	4/8/2020 5:12 am	Folder
Edit	Assembly Instructions	1.72 MB	4/24/2020 7:32 am	Folder
Edit	Attachments Received	665.88 KB	4/1/2020 8:36 pm	Folder
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Edit	Contracts	87.05 KB	4/6/2020 2:57 pm	Folder
Edit	CSV Templates	810 B	4/16/2020 7:19 am	Folder
Edit	Download Items	57.0 KB	5/9/2020 1:33 pm	Folder
Edit	Drawings	0 B	4/24/2020 7:32 am	Folder
Edit	HR Documents	71.0 KB	4/10/2020 11:23 am	Folder
Edit	Images	13.02 MB	4/9/2020 5:10 pm	Folder
Edit	Mail Template Image Folder	1.58 KB	4/14/2020 1:44 pm	Folder
Edit	Sales Tools Tab	217.5 KB	5/7/2020 2:53 pm	Folder
Edit	Shipping Labels	3.82 MB	4/13/2020 11:04 am	Folder
Edit	SSL Certificates	0 B	4/18/2020 8:16 pm	Folder
Edit	SuiteApps	1.22 MB	4/8/2020 9:38 pm	Folder
Edit	SuiteBundles	17.99 MB	4/21/2020 3:54 am	Folder
Edit	SuiteScripts	238.06 KB	4/29/2020 10:22 am	Folder
Edit	Templates	833.17 KB	4/1/2020 8:36 pm	Folder
Edit	User Documents	0 B	4/30/2024 12:50 am	Folder
Edit	Web Site Hosting Files	6.88 MB	4/1/2020 8:36 pm	Folder

STEP 3 | In the left pane, expand **SuiteApps** > **com.visa.cardpayouts** and click the **Vendor Management** folder.

The screenshot shows the Oracle NetSuite File Cabinet interface with the 'Vendor Management' folder expanded. The left sidebar shows the tree view with 'com.visa.cardpayouts' expanded to show 'Vendor Management'. The main table lists the following items:

EDIT	NAME	SIZE	LAST MODIFIED	TYPE
Edit	assets	196.39 KB	5/20/2020 12:12 am	Folder
Edit	Vendor Management Custom Assets	5.03 KB	4/8/2020 6:11 am	Folder
Edit	VDSA_Config_Portlet.json	295 B	4/8/2020 4:35 am	JSON File
Edit	VDSA_CS_CardPayoutsEmailInvite.js	1.62 KB	4/8/2020 4:35 am	JavaScript FI
Edit	VDSA_CS_CardPreferenceButtons.js	18.35 KB	1/7/2021 1:40 am	JavaScript FI
Edit	VDSA_CS_ManageCardOptions.js	45.45 KB	4/8/2020 4:35 am	JavaScript FI
Edit	VDSA_CS_TriggerManageCardPayoutsButton.js	1.52 KB	4/8/2020 4:35 am	JavaScript FI
Edit	VDSA_CS_VendorDeactivation.js	2.12 KB	5/20/2020 12:12 am	JavaScript FI
Edit	VDSA_MR_SendEmailInvitation.js	10.08 KB	4/8/2020 4:36 am	JavaScript FI
Edit	VDSA_MR_SendEmailToCardsAboutToExpire.js	7.69 KB	4/22/2020 11:15 pm	JavaScript FI
Edit	VDSA_PL_ManageCardOptions.js	20.45 KB	4/8/2020 4:36 am	JavaScript FI
Edit	VDSA_SU_CardPayoutsBackEndProcess.js	15.18 KB	1/7/2021 1:53 am	JavaScript FI
Edit	VDSA_SU_CardPayoutsEmailInvite.js	14.83 KB	4/8/2020 4:36 am	JavaScript FI
Edit	VDSA_SU_CardPayoutsPreferencePage.js	36.2 KB	5/20/2020 12:12 am	JavaScript FI
Edit	VDSA_SU_FAQ.js	1.26 KB	4/8/2020 4:36 am	JavaScript FI
Edit	VDSA_SU_FramePage.js	4.91 KB	4/8/2020 4:36 am	JavaScript FI
Edit	VDSA_SU_Webhook.js	4.68 KB	4/8/2020 4:36 am	JavaScript FI
Edit	VDSA_UA_AddManageCardPayoutsButton.js	7.19 KB	4/8/2020 4:36 am	JavaScript FI
Edit	VDSA_UA_UpdateCardDetailType.js	3.88 KB	4/8/2020 4:36 am	JavaScript FI
Edit	VDSA_UA_VendorDeactivation.js	9.7 KB	5/20/2020 12:12 am	JavaScript FI

3.3 Customize debit card management scripts

This section will show you how to update the necessary scripts to successfully integrate the enroll and unenroll functionality of your corporate bank.

Card Payout

Customize debit card management scripts

Update the Token Library script for enroll and unenroll debit details

Add your corporate bank's request and response processing token details for enrolling and unenrolling a vendor debit card.

STEP 1 | Log in to NetSuite as an **Administrator**.

STEP 2 | Go to **Documents > Files > File Cabinet**.

The screenshot shows the NetSuite File Cabinet interface. The top navigation bar includes 'ORACLE NETSUITE' and a search bar. Below the navigation bar, the 'Documents' menu is selected. The main area displays a list of folders and files with columns for 'EDIT', 'NAME', 'SIZE', 'LAST MODIFIED', and 'TYPE'. The left sidebar shows a tree view of folders, including 'SuiteApps'.

EDIT	NAME	SIZE	LAST MODIFIED	TYPE
Edit	App Packages	3.33 KB	4/8/2020 5:12 am	Folder
Edit	Assembly Instructions	1.72 MB	4/24/2020 7:32 am	Folder
Edit	Attachments Received	665.88 KB	4/1/2020 8:36 pm	Folder
Edit	Attachments Sent	0 B	10/23/2020 11:25 pm	Folder
Edit	Bundle - Demo Instructions	1.64 MB	4/13/2020 8:05 am	Folder
Edit	Contracts	87.05 KB	4/6/2020 2:57 pm	Folder
Edit	CSV Templates	810 B	4/16/2020 7:19 am	Folder
Edit	Download Items	57.0 KB	5/9/2020 1:33 pm	Folder
Edit	Drawings	0 B	4/24/2020 7:32 am	Folder
Edit	HR Documents	71.0 KB	4/10/2020 11:23 am	Folder
Edit	Images	13.02 MB	4/9/2020 5:10 pm	Folder
Edit	Mail Template Image Folder	1.58 KB	4/14/2020 1:44 pm	Folder
Edit	Sales Tools Tab	217.5 KB	5/7/2020 2:53 pm	Folder
Edit	Shipping Labels	3.82 MB	4/13/2020 11:04 am	Folder
Edit	SSL Certificates	0 B	4/18/2020 8:16 pm	Folder
Edit	SuiteApps	1.22 MB	4/8/2020 9:38 pm	Folder
Edit	SuiteBundles	17.99 MB	4/21/2020 3:54 am	Folder
Edit	SuiteScripts	238.06 KB	4/29/2020 10:22 am	Folder
Edit	Templates	833.17 KB	4/1/2020 8:36 pm	Folder
Edit	User Documents	0 B	4/30/2024 12:50 am	Folder
Edit	Web Site Hosting Files	6.88 MB	4/1/2020 8:36 pm	Folder

STEP 3 | In the left pane, expand **SuiteApps > com.visa.cardpayouts** and click the **Library** folder.

The screenshot shows the NetSuite File Cabinet interface with the 'SuiteApps > com.visa.cardpayouts > Library' folder selected. The main area displays a list of JavaScript files with columns for 'EDIT', 'NAME', 'SIZE', 'LAST MODIFIED', and 'TYPE'. The left sidebar shows a tree view of folders, including 'SuiteApps'.

EDIT	NAME	SIZE	LAST MODIFIED	TYPE
Edit	dataTables.jqueryui.min.js	2.59 KB	4/8/2020 4:35 am	JavaScript File
Edit	dataTables.select.min.js	11.99 KB	4/8/2020 4:35 am	JavaScript File
Edit	jquery-3.4.1.min.js	96.08 KB	4/8/2020 4:35 am	JavaScript File
Edit	jquery-ui.min.js	247.74 KB	4/8/2020 4:35 am	JavaScript File
Edit	jquery.dataTables.min.js	80.64 KB	4/8/2020 4:35 am	JavaScript File
Edit	uuid_v4.js	1.81 KB	4/8/2020 4:35 am	JavaScript File
Edit	VDSA_LIB_constantsFile.js	2.57 KB	4/8/2020 4:35 am	JavaScript File
Edit	VDSA_LIB_TokenService.js	16.65 KB	1/7/2021 2:07 am	JavaScript File
Edit	VDSA_Utility_LIB.js	3.9 KB	4/8/2020 4:35 am	JavaScript File

STEP 4 | Click **Edit** next to **VDSA_LIB_TokenServices.js**.

Card Payer

Customize debit card management scripts

The screenshot shows the Oracle NetSuite interface. At the top, there is a search bar and navigation tabs including Activities, Box Files, Payments, Transactions, Lists, Reports, Analytics, Customization, Documents, Setup, Support, Demo Framework, Fixed Assets, and SuiteSocial. Below the navigation is a 'File' editor window for 'VDSA_LIB_TokenService.js'. The file is identified as a JavaScript File, 17,050 bytes in size, located in the folder 'SuiteApps : com.visa.cardpayouts : Library'. The URL is 'https://tstdrv2257905.app.netsuite.com/c.TSTDRV2257905/suiteapp/com.visa.cardpayouts/Library/VDSA_LIB_TokenService.js'. There are buttons for 'Save', 'Cancel', 'Reset', and 'Actions'. On the right side, there are checkboxes for file properties: INACTIVE, AVAILABLE FOR, HIDE IN SUITE, AVAILABLE WITH, COMPANY-WIDE, and GENERATE URI.

STEP 5 | Under **Media Item**, click **Edit**. The script file editor will pop up in a separate window. **NOTE:** check the **Visa Toolkit Notes** in the script for more information.

The screenshot shows a browser window titled 'File - Google Chrome' with the URL 'tstdrv2257905.app.netsuite.com/app/common/record/edittextmediaitem.nl?id=5845&e=T&l=T&target=filesize&syntaxHighlighting=T'. The page title is 'File' and the content is 'VDSA_LIB_TokenService.js'. There are 'Save' and 'Cancel' buttons. Below the buttons is a 'CONTENT' section with a code editor showing the following content:

```
1 * Script : VDSA_LIB_TokenService.js
2 * Abstract : Handles API calls for Corporate Bank integration.
3 * Author : jayzar.n.estareja
4 * Revision History :
5 *****
6 * Version * Date * Author * Description
7
```

STEP 6 | Update the **enrollToken** function to update your corporate bank's request and response processing details. The **enrollToken** is a function where you will add your bank's corresponding API to enable the Add Card iFrame.

Card Payout

Customize debit card management scripts

```
File - Google Chrome
tstdrv2257905.app.netsuite.com/app/common/record/edittextmediaitem.nl?id=5845&e=T&l=T&target=filesize&syntaxHighlighting=T

File
VDSA_LIB_TokenService.js
Save Cancel

CONTENT
140 *
141 * Visa Toolkit Note: *
142 * *
143 * The enrollToken is a function where you will add your bank's corresponding API for Add Card Iframe *
144 * Variables requestHeaders, requestBody, and requestObject is used to systematically create an API Request *
145 * Add your Response Processing *
146 * Modify as deemed necessary based on your requirement *
147 *****/
148
149 function enrollToken(vendorId, redirectSuccessURL, redirectFailureURL, vendorDetails){
150     var cardPreferencesRec = getCardPreferencesRecord();
151     var accessTokenURL = cardPreferencesRec.getValue({ fieldId: 'custrecord_vdsa_tsp_access_token_url' });
152     var authToken = cardPreferencesRec.getValue({ fieldId: 'custrecord_vdsa_tsp_password' });
153     var accessToken = crbRequestAccessToken(accessTokenURL, authToken);
154     var iframeURL = cardPreferencesRec.getValue({ fieldId: 'custrecord_vdsa_tsp_iframe_config_url' });
155     var referenceNum = uuidv4();
156     redirectSuccessURL = updateRedirectURL(redirectSuccessURL, referenceNum);
157     redirectFailureURL = updateRedirectURL(redirectFailureURL, referenceNum);
158
159     // This is your API Request
160     /* var requestHeaders = {
161         "Accept": "application/json",
162         "Authorization": Sample Authorization
163     };
164     var requestBody = {
165         "requestId": referenceNum,
166         "customerReferenceNumber": vendorId,
167         "firstName": vendorDetails.firstname,
168         "lastName": vendorDetails.lastname,
```

STEP 7 | Update the **unenrollToken** function to update your corporate bank's request and response processing details. The **unenrollToken** is a function where you will add your bank's corresponding API to unenroll cards.

Card Payer

Customize debit card management scripts

File - Google Chrome

tstdrv2257905.app.netsuite.com/app/common/record/edittextmediaitem.nl?id=5845&e=T&l=T&target=filesize&syntaxHighlighting=T

File

VDSA_LIB_TokenService.js

Save

Cancel

CONTENT

```
209 * ****
210 * Visa Toolkit Note: *
211 * * *
212 * The unenrollToken is a function where you will add your bank's corresponding API for Unenroll Card *
213 * Variables requestHeaders, requestBody, and requestObject is used to systematically create an API Request *
214 * Add your Response Processing *
215 * Modify as deemed necessary based on your requirement *
216 * ****/
217
218 ~~~
219 function unenrollToken(token){
220
221     // load preference record
222     var cardPreferencesRec = getCardPreferencesRecord();
223     var accessTokenURL = cardPreferencesRec.getValue({ fieldId: 'custrecord_vdsa_tsp_access_token_url' });
224     var endPointURL = cardPreferencesRec.getValue({ fieldId: 'custrecord_vdsa_tsp_endpoint_url' });
225     var authToken = cardPreferencesRec.getValue({ fieldId: 'custrecord_vdsa_tsp_password' });
226     var accessToken = crbRequestAccessToken(accessTokenURL, authToken);
227
228     ~~~
229     // This is your API Request
230     ~~~
231     /* var requestHeaders = {
232         "Accept": "application/json",
233         "Authorization": Sample Token
234     };
235
236     var requestBody = {
237         "requestId": uuidv4(),
238         "cardToken": token,
239         "isActive": false
240     };
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```

Card Payout

Customize debit card management scripts

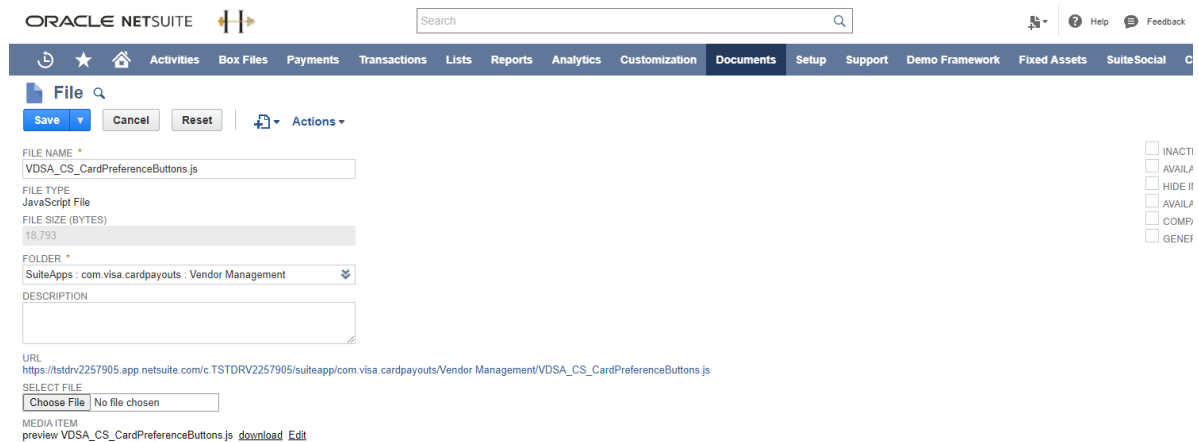
Add Enroll and Unenroll buttons to the Card Payouts Preference page

After updating your corresponding bank's API in the Token Library function, you can then connect the enroll/unenroll functionality to your Card Payouts buttons.

STEP 1 | Log in to NetSuite as an **Administrator**.

STEP 2 | Navigate to the scripts related to debit card management (see section 5.2 above).

STEP 3 | Click **Edit** next to the **VDSA_CS_CardPreferenceButtons.js** script file.



STEP 4 | Under **Media Item**, click **Edit** to open the JS file. This enables you to update the contents of the client script.

Card Payout

Customize debit card management scripts

The screenshot shows the Oracle NetSuite File Editor interface. The file being edited is `VDSA_CS_CardPreferenceButtons.js`, a JavaScript file with a size of 18,793 bytes. The editor displays the following content:

```
1 /*****
2  * Script : VDSA_CS_CardPreferenceButtons.js
3  * Abstract : Client script to trigger all the button on the Card Payouts Preference Page
4  *           this will be used by the Payment Preference Suitelet
5  * Author : darryl.d.caparas
6  * Revision History :
7  *****/
8  * Version * Date * Author * Description
9  *****/
10 * 0.1 * 01/07/2021 * darryl.d.caparas * Initial version
11 *****/
12
13 /**
14  * @ApiVersion 2.x
15  * @ScriptType ClientScript
16  * @ModuleScope SameAccount
17  */
18
```

STEP 5 | In the `VDSA_CS_CardPreferenceButtons.js` script file, update the **AddToken** section to add this functionality to the **Add Debit Details** button.

The screenshot shows two screenshots from the Oracle NetSuite interface. The top screenshot displays the **Card Payouts Preference** page, which includes a table with columns for **SELECT**, **TYPE**, **DEBIT CARD NUMBER**, and **EXPIRATION DATE**. Below the table are buttons for **Set As Primary**, **Add Debit Details**, and **Unenroll Debit Details**. The bottom screenshot shows the **Sample Add Card Page**, which contains a **Register** button and input fields for **FIRST NAME**, **LAST NAME**, **DEBIT CARD NUMBER**, **EXPIRY**, and **DVV**.

Card Payout

Customize debit card management scripts

File - Google Chrome
tstdrv2257905.app.netsuite.com/app/common/record/edittextmediaitem.nl?id=5862&e=T&l=T&target=filesize&syntaxHighlighting=T

File

√DSA_CS_CardPreferenceButtons.js

Save Cancel

CONTENT

```
222 function addToken(vendorId, vendorDetails){
223     console.log('Vendor ID: ' + vendorId);
224     console.log('Vendor Details: ' + JSON.stringify(vendorDetails));
225
226     ~~~~~
227     /*****
228      * Visa Toolkit Note: *
229      * Add your Add Card Logic *
230      * 'ENROLLTOKEN' denotes the Function Name in your Library *
231      * This Function will get the current parameters and process it on backend *
232      * Remove the Warning Message below once all configurations are completed *
233      * You may refer the commented sample Try Catch that performs the Add Card Function *
234      *****/
235     ~~~~~
236     message.create({
237         title: 'Add Card Page',
238         message: 'Please configure your Add Card Page',
239         type: message.Type.WARNING,
240     }).show();
241     /* try {
242         // get value from billstate select field
243         // if (Array.isArray(vendorDetails.billstate)){
244             vendorDetails.billstate = (!!vendorDetails.billstate[0]) ? vendorDetails.billstate[0].value : '';
245         // }
246     }
```

Sample Add Card Page

Register Cancel

FIRST NAME <input type="text"/>	EXPIRY <input type="text"/>
LAST NAME <input type="text"/>	CVV <input type="text"/>
DEBIT CARD NUMBER <input type="text"/>	

STEP 6 | Update the **unenrollToken** function to add the unenroll functionality to the **Unenroll Debit Details** button.

ORACLE NETSUITE Search

Activities Box Files Payments Transactions **Lists** Reports Analytics Customization Documents Setup Support Demo Framework Fixed Assets SuiteSocial Card

Card Payouts Preference

SELECT	TYPE	DEBIT CARD NUMBER	EXPIRATION DATE
No data available in table			

Set As Primary Add Debit Details **Unenroll Debit Details**

Card Payout

Customize debit card management scripts

File - Google Chrome
tstdrv2257905.app.netsuite.com/app/common/record/edittextmediaitem.nl?id=5862&e=T&l=T&target=filesize&syntaxHighlighting=T

File

VDSA_CS_CardPreferenceButtons.js

Save Cancel

CONTENT

```
331 function unenrollToken(vendorId){
332     console.log('UNENROLL');
333     var lineDetail = findTokenSelected();
334     var tokenId = lineDetail.debitId;
335     var lineCount = lineDetail.lineCount;
336     var detailType = lineDetail.detailType;
337     var cardNumber = lineDetail.cardNumber;
338
339     ~~~~~
340     /*****
341     * Visa Toolkit Note: *
342     * Add your Unenroll Card Logic *
343     * 'UNENROLLTOKEN' denotes the Function Name in your Library *
344     * This Function will get the current parameters and process it on backend *
345     * Remove the Warning Message below once all configurations are completed *
346     * You may refer the commented sample Try Catch that performs the Unenroll Card Function *
347     *****/
348     message.create({
349         title: 'Uneroll API',
350         message: 'Please Configure Unenroll API',
351         type: message.Type.WARNING,
352     }).show();
353
354     /* if(!tokenId){
355         console.log('UNENROLL - TOKEN IS NOT NULL');
356         console.log(tokenId);
357         var body = {
358             vendorId: vendorId,
359             debitId: tokenId,
360             functionCommand: 'UNENROLLTOKEN'
361         };
362     */
```

STEP 7 | Click **Save**.

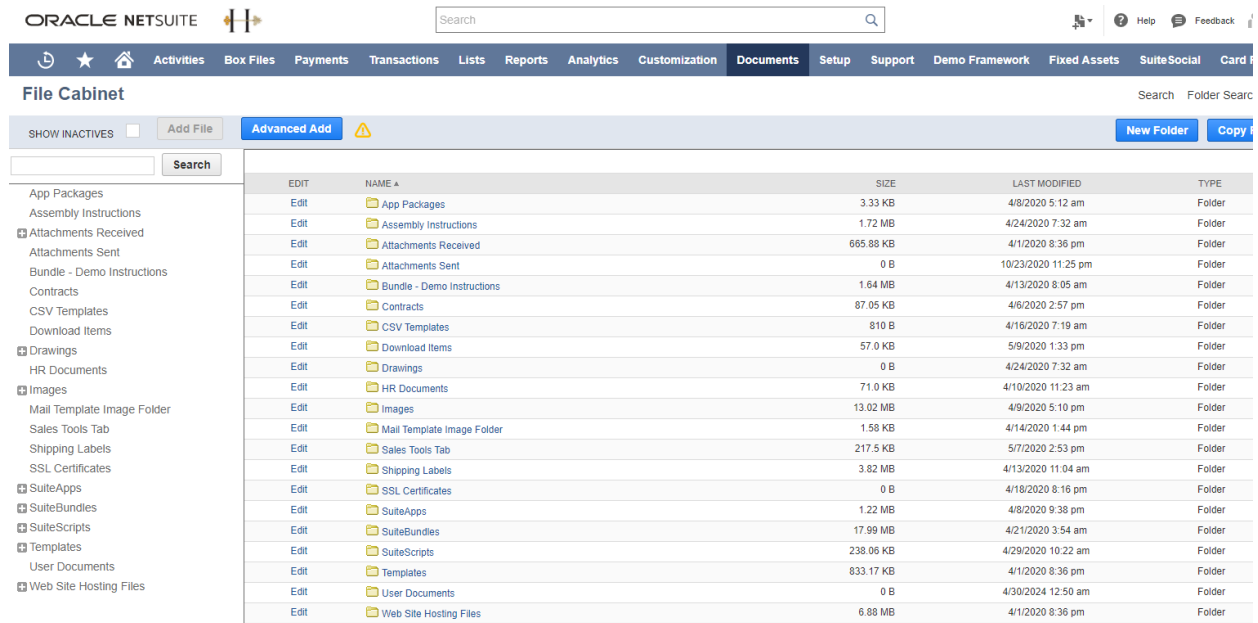
Card Payout
View payment disbursement scripts

3.4 View payment disbursement scripts

All scripts related to the Payment Disbursement feature can be found in the following two folders.

STEP 1 | Log in to NetSuite as an **Administrator**.

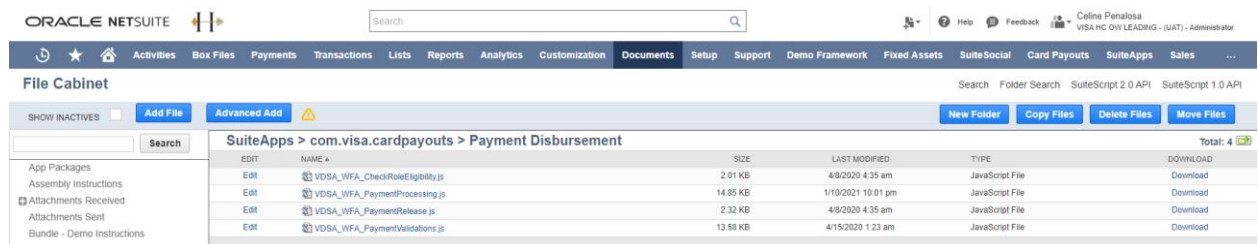
STEP 2 | Go to **Documents > Files > File Cabinet**.



The screenshot shows the NetSuite File Cabinet interface. The left sidebar contains a search bar and a list of folders including App Packages, Assembly Instructions, Attachments Received, Attachments Sent, Bundle - Demo Instructions, Contracts, CSV Templates, Download Items, Drawings, HR Documents, Images, Mail Template Image Folder, Sales Tools Tab, Shipping Labels, SSL Certificates, SuiteApps, SuiteBundles, SuiteScripts, Templates, User Documents, and Web Site Hosting Files. The main area displays a table of folders with columns for EDIT, NAME, SIZE, LAST MODIFIED, and TYPE. The folders listed are:

EDIT	NAME	SIZE	LAST MODIFIED	TYPE
Edit	App Packages	3.33 KB	4/8/2020 5:12 am	Folder
Edit	Assembly Instructions	1.72 MB	4/24/2020 7:32 am	Folder
Edit	Attachments Received	665.88 KB	4/1/2020 8:36 pm	Folder
Edit	Attachments Sent	0 B	10/23/2020 11:25 pm	Folder
Edit	Bundle - Demo Instructions	1.64 MB	4/13/2020 8:05 am	Folder
Edit	Contracts	87.05 KB	4/6/2020 2:57 pm	Folder
Edit	CSV Templates	810 B	4/16/2020 7:19 am	Folder
Edit	Download Items	57.0 KB	5/9/2020 1:33 pm	Folder
Edit	Drawings	0 B	4/24/2020 7:32 am	Folder
Edit	HR Documents	71.0 KB	4/10/2020 11:23 am	Folder
Edit	Images	13.02 MB	4/9/2020 5:10 pm	Folder
Edit	Mail Template Image Folder	1.58 KB	4/14/2020 1:44 pm	Folder
Edit	Sales Tools Tab	217.5 KB	5/7/2020 2:53 pm	Folder
Edit	Shipping Labels	3.82 MB	4/13/2020 11:04 am	Folder
Edit	SSL Certificates	0 B	4/18/2020 8:16 pm	Folder
Edit	SuiteApps	1.22 MB	4/8/2020 9:38 pm	Folder
Edit	SuiteBundles	17.99 MB	4/21/2020 3:54 am	Folder
Edit	SuiteScripts	238.06 KB	4/29/2020 10:22 am	Folder
Edit	Templates	833.17 KB	4/1/2020 8:36 pm	Folder
Edit	User Documents	0 B	4/30/2024 12:50 am	Folder
Edit	Web Site Hosting Files	6.88 MB	4/1/2020 8:36 pm	Folder

STEP 3 | In the left pane, expand **SuiteApps > com.visa.cardpayouts** and click the **Payment Disbursement** folder.



The screenshot shows the NetSuite File Cabinet interface with the left sidebar expanded to SuiteApps > com.visa.cardpayouts > Payment Disbursement. The main area displays a table of JavaScript files with columns for EDIT, NAME, SIZE, LAST MODIFIED, TYPE, and DOWNLOAD. The files listed are:

EDIT	NAME	SIZE	LAST MODIFIED	TYPE	DOWNLOAD
Edit	VDSA_WFA_CheckRoleEligibility.js	2.01 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	VDSA_WFA_PaymentProcessing.js	14.85 KB	1/10/2021 10:01 pm	JavaScript File	Download
Edit	VDSA_WFA_PaymentRelease.js	2.32 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	VDSA_WFA_PaymentValidations.js	13.98 KB	4/15/2020 1:23 am	JavaScript File	Download

STEP 4 | In the left pane, expand **SuiteApps > com.visa.cardpayouts** and click the **Bulk Vendor Payment** folder.

Card Payout

Customize Card Payouts payment disbursement

The screenshot shows the Oracle NetSuite File Cabinet interface. The breadcrumb path is SuiteApps > com.visa.cardpayouts > Bulk Vendor Payments. A table lists the contents of this folder:

EDIT	NAME	SIZE	LAST MODIFIED	TYPE	DOWNLOAD
Edit	Bulk Vendor Payments Assets	202.28 KB	5/20/2020 12:12 am	Folder	Download
Edit	VDSA_Bulk_Vendor_Lib.js	7.7 KB	4/15/2020 10:32 am	JavaScript File	Download
Edit	VDSA_Bulk_Vendor_Payment_Creation_MRR.js	22.88 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	VDSA_Bulk_Vendor_Payment_Page_CLJ.js	27.72 KB	1/13/2021 4:12 am	JavaScript File	Download
Edit	VDSA_Bulk_Vendor_Payment_Page_SUJ.js	34.85 KB	4/15/2020 10:31 am	JavaScript File	Download
Edit	VDSA_Bulk_Vendor_Status_Page_CLJ.js	2.04 KB	4/8/2020 4:35 am	JavaScript File	Download
Edit	VDSA_Bulk_Vendor_Status_Page_SUJ.js	9.16 KB	4/8/2020 4:35 am	JavaScript File	Download

3.5 Customize Card Payouts payment disbursement

Update the Payment API in the Token Library script

You'll need to add your corporate bank's corresponding payment API logic to the script to process vendor payments.

STEP 1 | Log in to NetSuite as an **Administrator**.

STEP 2 | Go to the **Card Payouts Library** folder in the **File Cabinet**.

STEP 3 | Click **Edit** next to the **VDSA_LIB_TokenService.js** script.

The screenshot shows the Oracle NetSuite File Cabinet interface with the edit form for the file VDSA_LIB_TokenService.js. The form fields are:

- FILE NAME: VDSA_LIB_TokenService.js
- FILE TYPE: JavaScript File
- FILE SIZE (BYTES): 10,889
- FOLDER: SuiteApps > com.visa.cardpayouts > Library
- DESCRIPTION: (empty)
- URL: https://httdn2257905.app.netsuite.com/c.TSTDVR2257905/suiteapp/com.visa.cardpayouts/Library/VDSA_LIB_TokenService.js
- SELECT FILE: Choose File | No file chosen
- MEDIA ITEM: preview VDSA_LIB_TokenService.js download Edit


On the right side, there are several checkboxes for file permissions:

- INACTIVE
- AVAILABLE FOR SUITEBUNDLES
- HIDE IN SUITEBUNDLE
- AVAILABLE WITHOUT LOGIN
- COMPANY-WIDE USAGE
- GENERATE URL TIME STAMP

STEP 4 | Under **Media Item**, click **Edit** and find the **paymentTransaction** function.

Card Payout

Customize Card Payouts payment disbursement



```
File - Google Chrome
tstdrv2257905.app.netsuite.com/app/common/record/edittextmediaitem.nl?id=5845&e=T&l=T&target=filesize&syntaxHighlighting=T

File
VDSA_LIB_TokenService.js
Save Cancel

CONTENT
350 *
351 * Visa Toolkit Note: *
352 * * *
353 * The paymentTransaction is a function where you will add your bank's corresponding API for Payment Transaction *
354 * Variables requestHeaders, requestBody, and requestObject is used to systematically create an API Request *
355 * Add your Response Processing *
356 * Modify as deemed necessary based on your requirement *
357 * *****/
358
359 *
360 * function paymentTransaction(token, amount, tranid){
361 *     var cardPreferencesRec = getCardPreferencesRecord();
362 *     var endPointURL = cardPreferencesRec.getValue({ fieldId: 'custrecord_vdsa_payout_endpoint' });
363 *     var accessTokenURL = cardPreferencesRec.getValue({ fieldId: 'custrecord_vdsa_tsp_access_token_url' });
364 *     var authToken = cardPreferencesRec.getValue({ fieldId: 'custrecord_vdsa_tsp_password' });
365 *     var merchantName = cardPreferencesRec.getValue({ fieldId: 'custrecord_vdsa_tsp_merchant_name' });
366 *     var sourceSenderName = merchantName+ ' '+tranid;
367 *     var accessToken = crbRequestAccessToken(accessTokenURL, authToken);
368 *
369 *     // This is your API Request
370 *
371 *     /*var requestHeaders = {
372 *         // "Content-Type": "application/json",
373 *         "Accept": "application/json",
374 *         "Authorization": accessToken
375 *     };
376 *
377 *     *****/
378 * }
```

Set the Process Card Payouts button to Active

After adding the payment function, you can now enable the Card Payouts button in the workflow for single payment processing.

STEP 1 | Log in to NetSuite as an **Administrator**.

STEP 2 | Go to **Customization > Workflow > Workflows**. This will show all the created workflows in your NetSuite instance.

Card Payout

Customize Card Payouts payment disbursement

ORACLE NETSUITE Search

VISA HC OW LEADING - (UAT) - Administrator

Activities Box Files Payments Transactions Lists Reports Analytics **Customization** Documents Setup Support Demo Framework Fixed Assets Suite Social Card Payouts SuiteApps Sales

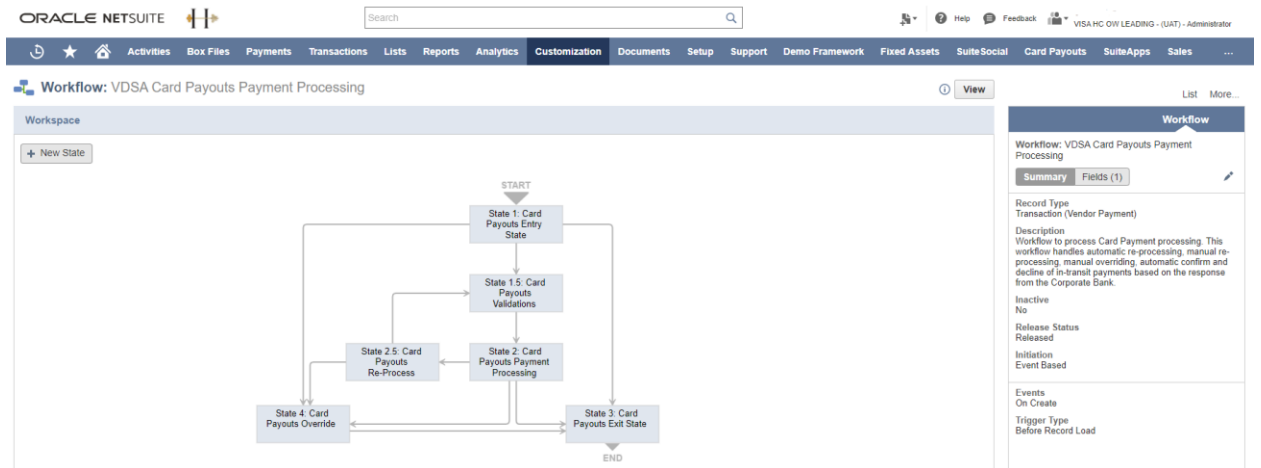
Workflows

VIEW: Default Customized View New Workflow

FILTERS

EDIT	NAME	FROM BUNDLE	RECORD TYPE	DESCRIPTION	OWNER	RELEASE STATUS	RUN AS ADMIN	TOTAL: 19
Edit	B2B Lead Nurturing Workflow	8713	Customer		Alex Wolfe	Released	No	
Edit	B2C Lead Nurturing Workflow	8714	Customer		Alex Wolfe	Released	No	
Edit	Close Reason Workflow	20601	Case		Clark Koozer	Released	Yes	
Edit	Credit Check Falls	8699	Transaction		Alex Wolfe	Not Initiating	Yes	
Edit	Finance Approval	8699	Transaction		Alex Wolfe	Released	Yes	
Edit	Invoice Collection Workflow	9031	Transaction		Alex Wolfe	Released	Yes	
Edit	Multilevel Approval on Quotes	8701	Transaction		Alex Wolfe	Not Initiating	Yes	
Edit	New Inventory Item		Item		Alex Wolfe	Released	Yes	
Edit	PO Approval (2 Approvers)	10903	Transaction		Alex Wolfe	Not Initiating	Yes	
Edit	Set Customer Credit Hold	8699	Customer		Alex Wolfe	Released	Yes	
Edit	SuiteSocial: Set Record Name (4)	25250	SuiteSocial Record		Alex Wolfe	Released	No	
Edit	Travel Request Approval Workflow	8648	Travel Request		Alex Wolfe	Released	Yes	
Edit	Update Search		Item		Alex Wolfe	Not Initiating	No	
Edit	Update WO Latest Op		Manufacturing Operation Task		Alex Wolfe	Not Initiating	Yes	
Edit	VDSA Card Payouts Corporate Bank WF		Card Payouts Corporate Bank Details	Workflow to apply field restrictions on Card Payouts Corporate Bank record.	Jayzar N Estareja	Released	No	
Edit	VDSA Card Payouts Payment Processing		Transaction	Workflow to process Card Payment processing. This workflow handles automatic re-processing, manual re-processing, manual overriding, automatic confirm and decline of in-transit payments based on the response from the Corporate Bank.	Jayzar N Estareja	Released	No	
Edit	VDSA Card Payouts Payment Restrictions		Transaction	Workflow to control field restrictions depending on Card Payouts Payment Status	Jayzar N Estareja	Released	No	
Edit	VDSA Response Code Restriction		Card Payouts Response Code	Restrict Card Payouts Controller to edit only access.	Jayzar N Estareja	Released	No	
Edit	Vendor Bill Approval Routing Workflow	16707	Transaction	Vendor Bill Approval Routing Workflow	Alex Wolfe	Not Initiating	Yes	

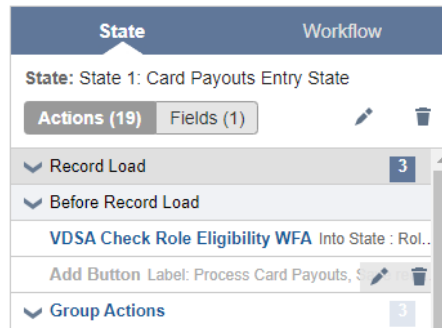
STEP 3 | Click **Edit** in **VDSA Card Payouts Payment Processing** to allow you to update this workflow.



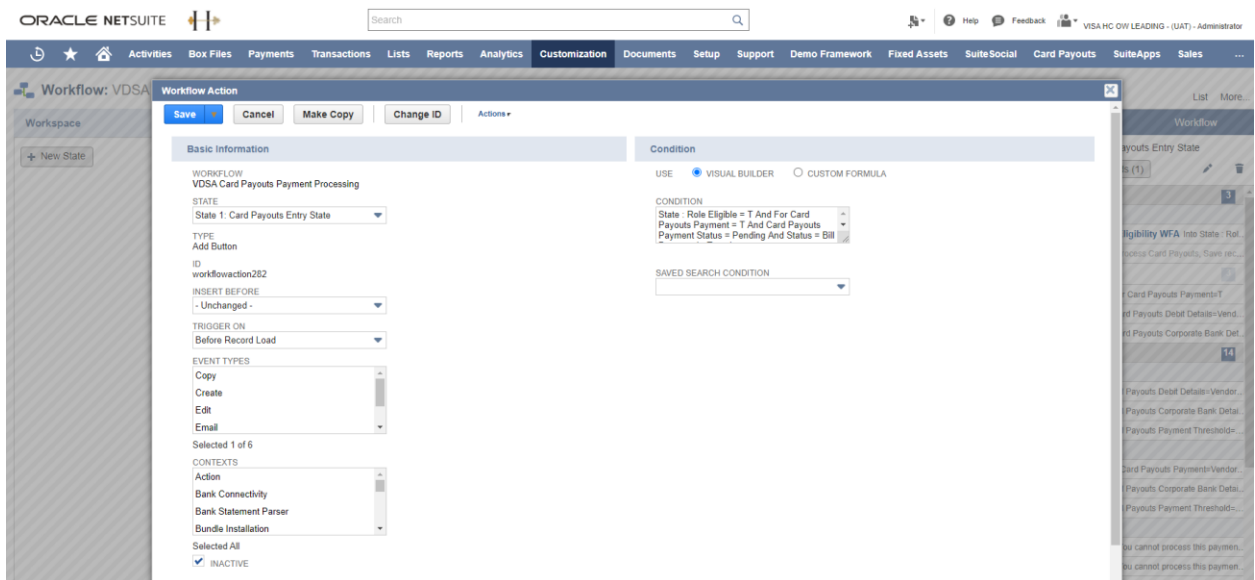
STEP 4 | Click **State 1: Card Payouts Entry State** and the **State** sub-tab will show on the right side.

Card Payout

Customize Card Payouts payment disbursement



STEP 5 | Click the **Pencil Icon** in the workflow action and **Add Button Label: Process Card Payouts**.



STEP 6 | Deselect the **Inactive** checkbox

STEP 7 | Click **Save**.

Enable the Bulk Vendor Payment Creation function

As a next step, enable the vendor payment creation function in the Bulk Payment processing flow.

STEP 1 | Log in to NetSuite as an **Administrator**.

STEP 2 | Go to the **Bulk Vendor Payment** folder in the **File Cabinet**.

STEP 3 | Click **Edit** next to **VDSA_Bulk_Vendor_Payment_Page_CLI.js**.

STEP 4 | Click **Edit** in the **Media Item** section, script editor will pop up in a window.

```
1  /**
2   * @NApiVersion 2.x
3   * @NScriptType ClientScript
4   * @ModuleScope SameAccount
5   */
6
7  /*****
8   * Script   : VDSA_Bulk_Vendor_Payment_Page_CLI.js
9   * Abstract : A Suitelet script that will create the Card Payouts Bulk Vendor Payment page.
10  * Author   : luke.n.pirtle
11  * Revision History :
12  *****/
13  * Version * Date      * Author      * Description
14  *****/
15  * 0.1    * 04/13/2019 * luke.n.pirtle * Initial version
```

STEP 5 | Find the **Visa Toolkit Note** for the **createBill** function. Remove the comment for this function once the **paymentTransaction API** in the **LIB file** has been added.

Card Payout

Customize Card Payouts payment disbursement

File - Google Chrome
tstdrv2257905.app.netsuite.com/app/common/record/edittextmediaitem.nl?id=5840&e=T&l=T&target=filesize&syntaxHighlighting=T

File

VDSA_Bulk_Vendor_Payment_Page_CLI.js

Save Cancel

CONTENT

```
383 //
384 //*****
385 * Visa Toolkit Note: *
386 * * *
387 * The createBill is a function that calls out the Map/Reduce Script to create Vendor Payment for each Bills *
388 * To enable, once the paymentTransaction API in the LIB file has been set, remove the comment for the function *
389 * No modification needed for this as Bulk processing relies on the WFA for Single Payment *
390 * Modify as deemed necessary based on your requirement *
391 *****/
392 /*createBill: function() {
393     try {
394         console.log('That\'s some good bill creation there boys');
395         var cRec = currentRecord.get();
396         var vendorAmounts = cRec.getValue({ fieldId: 'custpage_vdsa_subtotals_json' });
397
398         // if no bills selected
399         if (vendorAmounts === '') {
400             message.create({
401                 type: message.Type.ERROR,
402                 title: 'Bill(s) not created',
403                 message: 'There are no bills selected...',
404                 duration: 8000
405             }).show();

```

STEP 6 | Click **Save**.

After following the steps outlined in Part 1, you should have a fully configured, customized SuiteApp. Once the app is fully validated, it can be distributed to your enterprise clients through the NetSuite marketplace.

Part 2: Validating the Card Payouts SuiteApp in a NetSuite environment

This section focuses on how enterprise users will use various features of the Card Payouts SuiteApp, including enterprise-side installation and configuration, as well as vendor and payout management tasks. Follow these steps to validate your Card Payouts SuiteApp to ensure that it provides the correct user experience.

3.6 Create the Card Payouts Contractor Center role

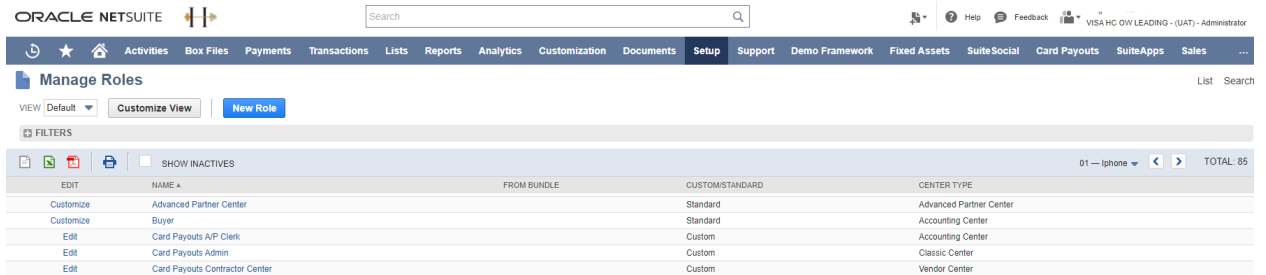
NetSuite currently supports certain center types (for more information, see Suite Answer ID: [66196](#)). The following instructions walk you through creating and customizing the Card Payouts Contractor Center role in NetSuite.

Step 1 | Log in to NetSuite as an **Administrator**.

Step 2 | Go to **Setup > Users/Roles > Manage Roles**. Locate the **Card Payouts Contractor Center**. Click **Edit**.

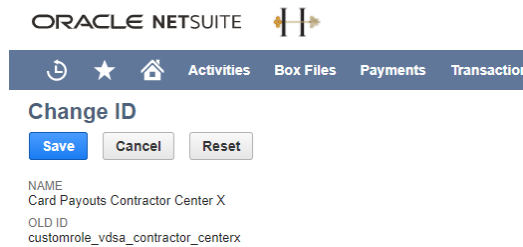
Card Payout

Create the Card Payouts Contractor Center role



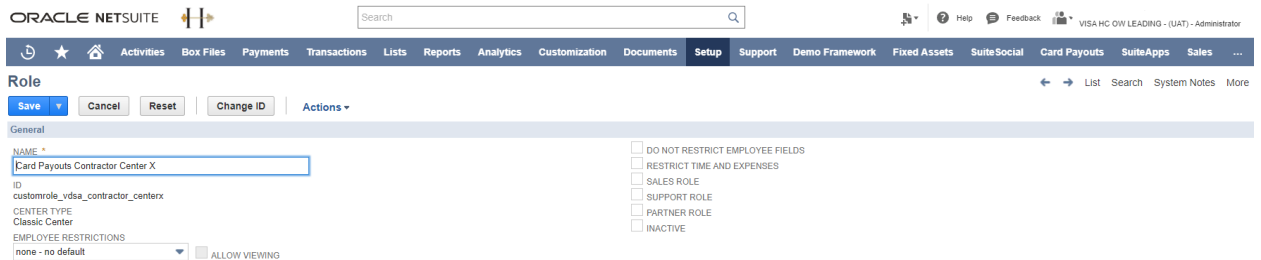
The screenshot shows the Oracle NetSuite interface for the 'Manage Roles' page. The top navigation bar includes 'Activities', 'Box Files', 'Payments', 'Transactions', 'Lists', 'Reports', 'Analytics', 'Customization', 'Documents', 'Setup', 'Support', 'Demo Framework', 'Fixed Assets', 'SuiteSocial', 'Card Payouts', 'SuiteApps', and 'Sales'. The 'Manage Roles' page has a search bar and a 'VIEW' dropdown set to 'Default'. Below the search bar are 'Customize View' and 'New Role' buttons. A 'FILTERS' section is visible, and a table lists roles with columns for 'EDIT', 'NAME', 'FROM BUNDLE', 'CUSTOM/STANDARD', and 'CENTER TYPE'. The table shows roles like 'Advanced Partner Center', 'Buyer', 'Card Payouts AP Clerk', 'Card Payouts Admin', and 'Card Payouts Contractor Center'.

Step 3 | Click the **Change ID** button. Copy **_vdsa_contractor_center** to the new ID and add **x** at the end (**_vdsa_contractor_centerx**). Click **Save**.



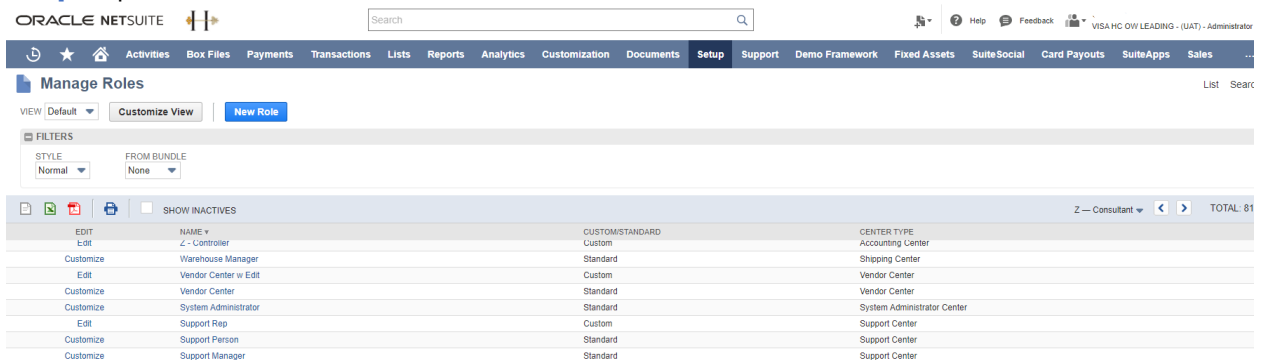
The screenshot shows the 'Change ID' dialog box in Oracle NetSuite. It has a title bar with 'ORACLE NETSUITE' and navigation icons. Below the title bar are buttons for 'Save', 'Cancel', and 'Reset'. The dialog contains the following text: 'NAME: Card Payouts Contractor Center X', 'OLD ID: customrole_vdsa_contractor_center'.

Step 4 | On the **Name Field**, put an **X** at the end (**Card Payouts Contractor Center X**) and click **Save**.



The screenshot shows the Oracle NetSuite 'Role' configuration page. The top navigation bar is the same as in the previous screenshot. The 'Role' page has a search bar and a 'VIEW' dropdown set to 'Default'. Below the search bar are 'Save', 'Cancel', 'Reset', 'Change ID', and 'Actions' buttons. The 'General' section is expanded, showing the 'NAME' field with the value 'Card Payouts Contractor Center X'. Other fields include 'ID' (customrole_vdsa_contractor_centerx), 'CENTER TYPE' (Classic Center), and 'EMPLOYEE RESTRICTIONS' (none - no default). There are also checkboxes for 'DO NOT RESTRICT EMPLOYEE FIELDS', 'RESTRICT TIME AND EXPENSES', 'SALES ROLE', 'SUPPORT ROLE', 'PARTNER ROLE', and 'INACTIVE'.

Step 5 | Locate **Vendor Center**. Click **Customize**.




The screenshot shows the Oracle NetSuite 'Manage Roles' page. The top navigation bar is the same as in the previous screenshot. The 'Manage Roles' page has a search bar and a 'VIEW' dropdown set to 'Default'. Below the search bar are 'Customize View' and 'New Role' buttons. A 'FILTERS' section is visible, and a table lists roles with columns for 'EDIT', 'NAME', 'FROM BUNDLE', 'CUSTOM/STANDARD', and 'CENTER TYPE'. The table shows roles like 'Z - Controller', 'Warehouse Manager', 'Vendor Center w Edit', 'Vendor Center', 'System Administrator', 'Support Rep', 'Support Person', and 'Support Manager'. The 'Vendor Center' role is highlighted.

Card Payout

Create the Card Payouts Contractor Center role

Step 6 | On the **Role** page, Enter "**Card Payouts Contractor Center**" in the **Name** field, and enter "**_vdsa_contractor_center**" in the **ID** field.

ORACLE NETSUITE  Search

Activities Box Files Payments Transactions Lists Reports Analytics Customization Documents Setup

Role

Save Cancel Reset Change ID Actions

General

NAME *
Card Payouts Contractor Center

ID
customrole_vdsa_contractor_center

CENTER TYPE
Vendor Center

SALES ROLE

SUPPORT ROLE
 PARTNER ROLE
 INACTIVE

Step 7 | In the **Subsidiary Restrictions** section, select the optional **Allow Cross-Subsidiary Record Viewing** checkbox. Leave the default values in other fields as is.

Subsidiary Restrictions

ACCESSIBLE SUBSIDIARIES

ALL
 ACTIVE
 USER SUBSIDIARY
 SELECTED

ALLOW CROSS-SUBSIDIARY RECORD VIEWING

Step 9 | Navigate to the **Permissions** sub-tab and **Custom Record** sub-list. Under **Record**, select **Card Payouts Debit Details**, and then under **Level**, select **View**. Click **Add**, then click **Save**.

Permissions Users Preferences Translation History

Transactions Reports Lists Setup Custom Record

RECORD *	LEVEL	RESTRICT
Card Payouts Debit Details	View	

4. Card Payouts General Preference

4.1 About the Card Payouts General Preference page

The **General Preference** page will give your Administrator or Card Payouts Controller the ability to set up your Card Payouts application preferences. The page is created using a Suitelet and linked with a custom record. This preferences record will be the basis of your Card Payouts processing flow.

The General Preference page consists of the following sections:

- Corporate Bank Account Information
- Email Notification
- Webhook Registration

Navigation Path | **Home Page > Card Payouts > Setup > Card Payouts General Preference**

[Corporate Bank](#) tab

In this tab, you can add your bank account details to connect to your corporate bank.

Card Payouts General Preference More

[Save](#)

Corporate Bank • [Email Notification](#) • [Webhook Registration](#)

USERNAME <input type="text"/>	MERCHANT <input type="text"/>	END-POINT URL <input type="text"/>
PASSWORD <input type="password"/>		

Payment Disbursement

PAYMENT PROCESSING ROLES 01: Senior Executive 02: Engineering 03: Inside Sales 03: VP Sales 04: Purchasing	PAYMENT AUTO-REPROCESSING COUNT 2	PAYMENT API <input type="text"/>
---	--------------------------------------	-------------------------------------

Card Tokenization

VENDOR MANAGEMENT ROLES 01: Senior Executive 02: Engineering 03: Inside Sales 03: VP Sales 04: Purchasing	IFRAME API UNENROLL CARD API	ADD CARD API <input type="text"/>
--	---------------------------------	--------------------------------------

Card Payout

About the Card Payouts General Preference page

Field	Description
Username	Enter the username provided by your corporate bank during the onboarding process (done outside of NetSuite).
Password	Enter the password provided by your corporate bank during the onboarding process (done outside of NetSuite).
Merchant	Enter the source merchant name or code. The value set here will be sent to your corporate bank during payment processing.
Endpoint URL	This will enable NetSuite to connect to your corporate bank's access point, thus providing in return an access token that will be used for card tokenization and payment disbursement.
Endpoint Domain	Enter the system domain of the bank. This ensures that the credentials provided will be only used in this domain.
Payment Processing Roles	Select the role(s) that will have the ability to process Card Payouts payments. The Process Card Payouts button in the payment form will only be visible to the roles selected in this field.
Payment Auto-Reprocessing Count	Select values from 1 to 3 to specify the number of retries allowed during payment processing. This will limit the number of times payment can be reprocessed automatically after receiving an error response code from the corporate bank.
Payment API	The SuiteApp will connect to the payment API to send requests for payment disbursement. The request will send the amount, the tokenized card and the vendor ID.
Vendor Management Roles	Select the role(s) that will have the ability to manage Card Payouts vendor details (add/unenroll cards). IMPORTANT: Add the Card Payouts Contractor Center role by holding the Control (ctrl) key and select Card Payouts Contractor Center .

Card Payout

About the Card Payouts General Preference page

	The Manage Card Payouts button in the vendor record form will only be visible to the roles selected on this field.
iFrame API	If you plan to use an iFrame to integrate the Card Payouts app into your NetSuite environment, provide the API and the SuiteApp will display this in a prepared Suitelet. Using an iFrame will require you send the responses via a webhook (see the Webhook Registration tab section below).
Add Card API	This API will enable the SuiteApp to enroll a card in your system. Note that unvalidated requests will be sent. To adjust the request, you may modify the page through Customization/Scripting/Scripts/NAME_OF_ADD_CARD_PAGE to add your bank-specific validations.
Unenroll Card API	This API will be used as a gateway to unenroll a card. The application will send the tokenized card to your corporate bank requesting to deactivate it in their system.

Email Notification tab

This tab allows the Card Payouts Controller to update the email notification preferences for **invitation**, **enrollment**, **unenrollment**, **card expiration** and **payment transaction** emails.

Field	Description
Company Name	Enter the company name that will be used in the email.
Enable Card Email Notification	This checkbox enables/disables email notification.
Email Author	This is the employee or user that will be the sender or author of the email.
Email Subject	Enter or customize the email subject line.
Email Body	Enter or customize the email body copy.

Webhook Registration tab

Use this tab to configure the webhook connection that the corporate bank will use to send a response back to NetSuite during debit card enrollment. Note: as discussed in the **Corporate bank tab** section above, this webhook connection will be used to connect to your corporate bank when using an iFrame to integrate the Card Payouts application into your NetSuite environment.

Step 1 | Log in as a NetSuite **Administrator** or **Card Payouts Controller**.

Step 2 | From the Home Page, navigate to **Card Payouts > Setup > Card Payouts General Preference**.

Card Payouts General Preference

Save

Corporate Bank • Email Notification • Webhook Registration •

WEBHOOK USERNAME REGISTRATION ID

WEBHOOK PASSWORD WEBHOOK API

WEBHOOK EXTERNAL URL

Register

Step 3 | Click the **Webhook Registration** tab.

Step 4 | After landing on the page, enter values in the following fields:

Field	Description
Webhook Username	Enter a user-defined webhook username to make the communication from your corporate bank to the Card Payouts app more secure.
Webhook Password	Enter a user-defined webhook password to make the communication from your corporate bank to the Card Payouts app more secure.
Webhook External URL	Enter the external URL of the Suitelet script specifically created to handle webhook tasks. To determine this value, using the Administrator role, navigate to Customization > Scripting > Scripts , locate the Suitelet name VDSA Webhook SU , and click

Card Payout

Related custom records, scripts and workflows

	Deployments. View the script deployment and copy the External URL field.
Registration ID	This field auto-populates after a successful webhook registration.
Webhook API	This is a bank URL used during webhook registration.

4.2 Related custom records, scripts and workflows

The following Toolkit components are related to the Card Payouts General Preference page.

Script/Custom Record	Description
VDSA_CS_GeneralPreferenceFieldChange.js	This is a client script to reload the Card Payouts General Preference page when the reconciliation deployment field is changed.
VDSA_SU_CardPayoutsGeneralPreference.js	This is a Suitelet script to create the Card Payouts General Preference page.
VDSA_SU_CardPayoutsGenPrefBackend.js	This is a backend Suitelet that will process all of the server-side actions for the Card Payouts General Preference page
customrecord_vdsa_suiteapp_preference	This is a custom record used to save the values from the Card Payouts General Preference page.

4.3 Customize the Card Payouts General Preference record

The Card Payouts General Preference record stores the data entered on the Card Payouts General Preference page. You can customize the record to meet your data storage needs.

Make a copy of the default record

The Card Payouts Toolkit comes with a default General Preference record. The Administrator must make a copy of this record and then customize it.

Step 1 | Log in to NetSuite as an **Administrator**.

Step 2 | Go to **Customizations > Lists**, then **Records & Fields > Record Types**. Locate **Card Payouts Preference**, then click the **List** link.

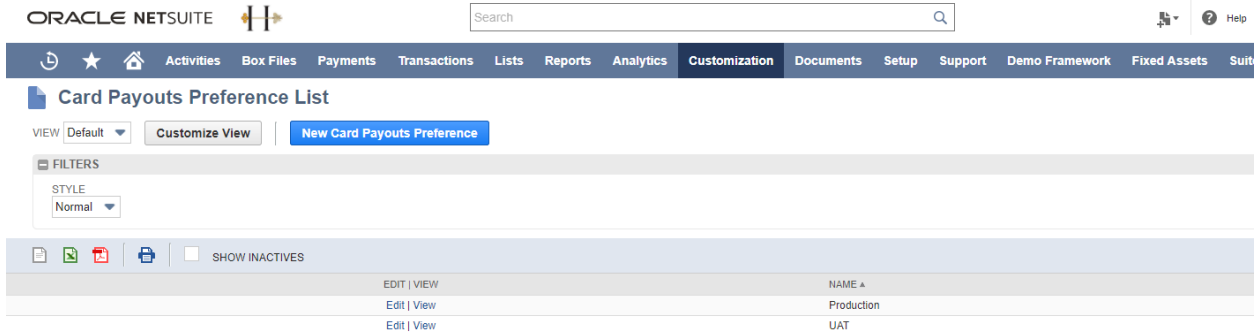
The screenshot shows the NetSuite interface for Record Types. The navigation bar includes 'ORACLE NETSUITE', a search bar, and various menu items like 'Activities', 'Box Files', 'Payments', 'Transactions', 'Lists', 'Reports', 'Analytics', 'Customization', 'Documents', 'Setup', 'Support', 'Demo Framework', 'Fixed Assets', 'SuiteSocial', and 'Ca'. The 'Record Types' page has a 'New Type' button and filter options for 'OWNER' and 'FROM BUNDLE'. A table lists various record types with columns for 'EDIT', 'FROM BUNDLE', 'ID', 'OWNER', 'LIST', and 'NEI'. The 'Card Payouts Preference' record is highlighted in blue, and its 'List' link is visible.

EDIT	FROM BUNDLE	ID	OWNER	LIST	NEI
Alternate Depreciation	27369	customrecord_ncfar_alldepr_proposal	Alex Wolfe	List	Neu
Bank Connectivity File Import	285204	customrecord_bc_file_import	Kristelle Ocampo	List	Neu
BG - Process Instance	27369	customrecord_bg_procinstance	Alex Wolfe	List	Neu
BG - Process Log	27369	customrecord_bg_proclg	Alex Wolfe	List	Neu
Bill EFT Details	23103	customrecord_2663_bill_eft_details	Alex Wolfe	List	Neu
Bill EFT Payment Information	23103	customrecord_2663_bill_eft_payment	Alex Wolfe	List	Neu
Board Plan: Revenue Target		customrecord31		List	Neu
BSP Configuration Value	293699	customrecord_bsp_configuration_value	Kristelle Ocampo		
Card Payouts Bulk Vendor Payment		customrecord_vdsa_bulk_vendor_payment	Jayzar N Estareja	List	Neu
Card Payouts Bulk Vendor Transaction		customrecord_vdsa_bulk_vendor_tran	Jayzar N Estareja	List	Neu
Card Payouts Corporate Bank Details		customrecord_vdsa_treasury_bank_details	Jayzar N Estareja	List	Neu
Card Payouts Debit Details		customrecord_vdsa_debit_details	Jayzar N Estareja	List	Neu
Card Payouts Error Record		customrecord_vdsa_card_payouts_error	Jayzar N Estareja	List	Neu
Card Payouts Payment Event		customrecord_vdsa_pymt_event	Jayzar N Estareja	List	Neu
Card Payouts Preference		customrecord_vdsa_suiteapp_preference	Jayzar N Estareja	List	Neu
Card Payouts Response Code		customrecord_vdsa_response_code	Jayzar N Estareja	List	Neu
Card Payouts Response Log		customrecord_vdsa_response_log	Jayzar N Estareja	List	Neu

Step 3 | In the **Card Payouts Preference List**, click **Edit** (upon SuiteApp deployment, only one row is available).

Card Payout

Customize the Card Payouts General Preference recor



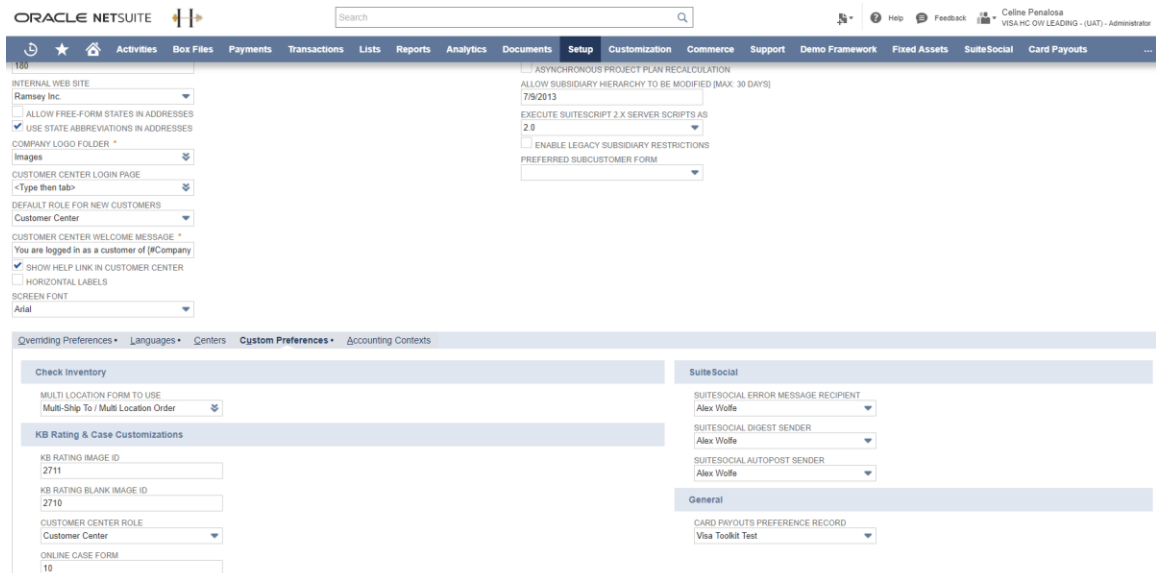
The screenshot shows the Oracle NetSuite interface for the 'Card Payouts Preference List'. The top navigation bar includes 'Activities', 'Box Files', 'Payments', 'Transactions', 'Lists', 'Reports', 'Analytics', 'Customization', 'Documents', 'Setup', 'Support', 'Demo Framework', 'Fixed Assets', and 'Suite'. The 'Customization' tab is active. Below the navigation, there's a search bar and a 'Help' icon. The main content area is titled 'Card Payouts Preference List' and includes a 'VIEW' dropdown set to 'Default', a 'Customize View' button, and a 'New Card Payouts Preference' button. A 'FILTERS' section shows 'STYLE' set to 'Normal'. Below this is a table with columns for 'EDIT | VIEW' and 'NAME'. The table contains three rows: 'Production', 'UAT', and another 'UAT' row.

EDIT VIEW	NAME ▲
Edit View	Production
Edit View	UAT
Edit View	UAT

Step 4 | Click **Actions** > **Make Copy**, and then set **Name** (e.g. **UAT** or **Production - edited**). Click **Save**. To verify that you have successfully made a copy, repeat Steps 2, 3, and 4. In the **Card Payouts Preference List**, there should now be two rows available.

Step 5 | Go to **Setup** > **Company** > **Preferences** and click **General Preference**.

Step 6 | On the **General Preference** page, select the **Custom Preferences** sub-tab > **General** section > **Card Payouts Preferences Record**. Select the copy created in Step 4 (e.g. UAT).



The screenshot shows the Oracle NetSuite 'General Preference' page. The top navigation bar includes 'Activities', 'Box Files', 'Payments', 'Transactions', 'Lists', 'Reports', 'Analytics', 'Documents', 'Setup', 'Customization', 'Commerce', 'Support', 'Demo Framework', 'Fixed Assets', 'SuiteSocial', and 'Card Payouts'. The 'Setup' tab is active. Below the navigation, there's a search bar and a 'Help' icon. The main content area is titled 'General Preference' and includes a 'CUSTOMER CENTER WELCOME MESSAGE' section with a dropdown menu set to 'You are logged in as a customer of (#Company)'. Below this is a 'CHECK INVENTORY' section with a dropdown menu set to 'Multi-Ship To / Multi Location Order'. The 'KB Rating & Case Customizations' section includes fields for 'KB RATING IMAGE ID' (2711), 'KB RATING BLANK IMAGE ID' (2710), 'CUSTOMER CENTER ROLE' (Customer Center), and 'ONLINE CASE FORM' (10). The 'SuiteSocial' section includes dropdown menus for 'SUITESOCIAL ERROR MESSAGE RECIPIENT' (Alex Wolfe), 'SUITESOCIAL DIGEST SENDER' (Alex Wolfe), and 'SUITESOCIAL AUTOPOST SENDER' (Alex Wolfe). The 'General' section includes a dropdown menu for 'CARD PAYOUTS PREFERENCE RECORD' (Visa Toolkit Test).

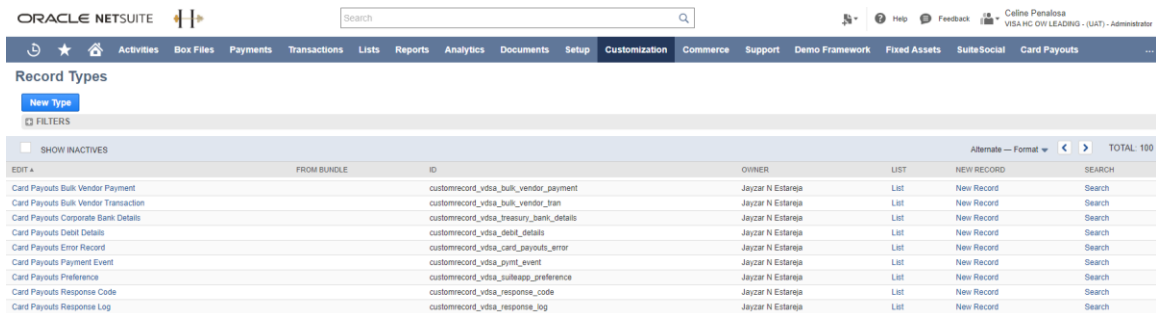
Card Payou

Customize the Card Payouts General Preference recor

Update Card Payout URLs on the custom record

After creating the Card Payouts General Preference custom record, add or update the Card Payouts URLs and APIs to properly connect to the corporate bank.

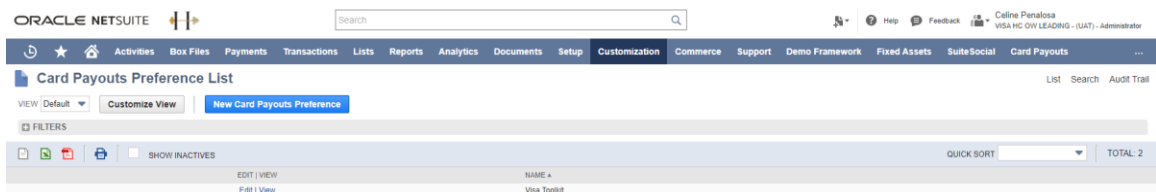
Step 1 | Login to NetSuite as an **Administrator**. Go to **Customizations > Lists**, then **Records & Fields > Record Types**.



The screenshot shows the NetSuite Record Types page. The navigation bar includes 'Customization' and 'Card Payouts'. The page title is 'Record Types'. There is a 'New Type' button and a 'FILTERS' section. A table lists various record types with columns for 'FROM BUNDLE', 'ID', 'OWNER', 'LIST', 'NEW RECORD', and 'SEARCH'. The 'Card Payouts Preference' record is highlighted.

EDIT	FROM BUNDLE	ID	OWNER	LIST	NEW RECORD	SEARCH
	Card Payouts Bulk Vendor Payment	customrecord_ydsa_bulk_vendor_payment	Jayzar N Estareja	List	New Record	Search
	Card Payouts Bulk Vendor Transaction	customrecord_ydsa_bulk_vendor_tran	Jayzar N Estareja	List	New Record	Search
	Card Payouts Corporate Bank Details	customrecord_ydsa_treasury_bank_details	Jayzar N Estareja	List	New Record	Search
	Card Payouts Debit Details	customrecord_ydsa_debit_details	Jayzar N Estareja	List	New Record	Search
	Card Payouts Error Record	customrecord_ydsa_card_payouts_error	Jayzar N Estareja	List	New Record	Search
	Card Payouts Payment Event	customrecord_ydsa_pyint_event	Jayzar N Estareja	List	New Record	Search
	Card Payouts Preference	customrecord_ydsa_suitespp_preference	Jayzar N Estareja	List	New Record	Search
	Card Payouts Response Code	customrecord_ydsa_response_code	Jayzar N Estareja	List	New Record	Search
	Card Payouts Response Log	customrecord_ydsa_response_log	Jayzar N Estareja	List	New Record	Search

Step 3 | Locate **Card Payouts Preference**, click the **List** link.



The screenshot shows the 'Card Payouts Preference List' page. The navigation bar includes 'Customization' and 'Card Payouts'. The page title is 'Card Payouts Preference List'. There is a 'New Card Payouts Preference' button and a 'FILTERS' section. A table lists the records with columns for 'EDIT | VIEW' and 'NAME'. The 'Card Payouts Preference' record is highlighted.

EDIT VIEW	NAME
Edit View	Card Payouts Preference

Step 4 | In the **Card Payouts Preference List**, click **Edit** next to the custom record that you'll be using for your target environment. Update the following Card Payouts URLs: **Endpoint Domain**, **Endpoint URL**, **Payment API**, **iFrame API** or **Add Card API**, and **Unenroll Card API**.

Card Payout

Customize the Card Payouts General Preference record

ORACLE NETSUITE Search

Activities Box Files Payments Transactions Lists Reports Analytics Customization Documents Setup Support Demo Framework Fixed Assets SuiteSocial

Card Payouts Preference

Visa Toolkit

Save Cancel Reset Change ID Actions

NAME *
Visa Toolkit
 INACTIVE
USERNAME
PASSWORD
MERCHANT

ENABLE CARD INVITATION EMAIL NOTIFICATION
 ENABLE CARD UNENROLLMENT EMAIL NOTIFICATION
 ENABLE CARD EXPIRATION EMAIL NOTIFICATION
 ENABLE CARD ENROLLMENT EMAIL NOTIFICATION
 ENABLE CARD PAYMENT EMAIL NOTIFICATION

EMAIL AUTHOR FOR INVITATION
Darryl D Caparas

EMAIL AUTHOR FOR UNENROLLMENT
Darryl D Caparas

EMAIL AUTHOR FOR EXPIRATION
Darryl D Caparas

EMAIL AUTHOR FOR ENROLLMENT
Darryl D Caparas

EMAIL AUTHOR FOR PAYMENT
Darryl D Caparas

EMAIL BODY FOR CARD INVITATION

Hi {vendorName},

You can enjoy receiving payments effortlessly by enrolling your debit card using the Visa Direct Card Payouts. To enroll, click the [Manage my Card Payouts](#) on your NetSuite home page. For more information, contact your account administrator.

Regards,
{companyName}

EMAIL BODY FOR CARD UNENROLLMENT

Hi {vendorName},

This is to notify you that your debit card {cardNumber} has been unenrolled successfully.

Regards,
{companyName}

EMAIL BODY FOR CARD EXPIRATION

Hi {vendorName},

This is to notify you that your debit card {cardNumber} expiring on {expirationDate} is about to be expired. To update, click the [Manage my Card Payouts](#) on your NetSuite home page. For more information, contact your account administrator.

Regards,
{companyName}

EMAIL BODY FOR CARD ENROLLMENT

Hi {vendorName},

This is to notify you that your debit card {cardNumber} has been enrolled successfully.

Regards,
{companyName}

EMAIL BODY FOR CARD PAYMENT

Hi {vendorName},

You just received a payment of \${amountTotal} via Card Payouts. Card Number: {cardNumber}

EMAIL SUBJECT FOR VENDOR INVITATION
Card Payouts Invitation - {vendorName}

EMAIL SUBJECT FOR CARD UNENROLLMENT
Card Unenrollment Notification - {vendorName}

EMAIL SUBJECT FOR CARD EXPIRATION
Card Expiration Notification - {vendorName}

EMAIL SUBJECT FOR CARD ENROLLMENT
Card Enrollment Notification - {vendorName}

EMAIL SUBJECT FOR CARD PAYMENT
Card Payment Notification - {vendorName}

MAXIMUM NUMBER OF RETRIES *
2

PAYMENT API

VENDOR MANAGEMENT ROLES

- 01: Senior Executive
- 02: Engineering
- 03: Inside Sales
- 04: VP Sales
- 03: Purchasing

PAYMENT PROCESSING ROLES

- 01: Senior Executive
- 02: Engineering
- 03: Inside Sales
- 03: VP Sales
- 04: Purchasing

WEBHOOK USERNAME

WEBHOOK PASSWORD

WEBHOOK EXTERNAL URL

Step 6 | Click **Save**.

NOTE: The username and password for your corporate bank should be entered on the actual Card Payouts Preference page. This is also the case when registering the webhook.

Add Field(s) on the custom record

You can add your own fields on your Card Payouts General Preference custom record.

Step 1 | Log in to NetSuite as an **Administrator**.

Step 2 | Go to **Homepage** > **Customization** > **Lists**, then **Records & Fields** > **Record Types**.

Card Payout

Customize the Card Payouts General Preference recor

Record Types

[New Type](#)

FILTERS

OWNER FROM BUNDLE

SHOW INACTIVES Alternate — Format TOTAL: 100

EDIT	FROM BUNDLE	ID	OWNER	LIST	NEW RECORD	SEARCH
		customrecord_vdsa_treasury_bank_details	Jayzar N Estareja	List	New Record	Search
		customrecord_vdsa_debit_details	Jayzar N Estareja	List	New Record	Search
		customrecord_vdsa_card_payouts_error	Jayzar N Estareja	List	New Record	Search
		customrecord_vdsa_pymt_event	Jayzar N Estareja	List	New Record	Search
		customrecord_vdsa_suiteapp_preference	Jayzar N Estareja	List	New Record	Search
		customrecord_vdsa_response_code	Jayzar N Estareja	List	New Record	Search
		customrecord_vdsa_response_log	Jayzar N Estareja	List	New Record	Search

Step 3 | Under **Record Types**, click **Card Payouts Preference**.

Step 4 | In the **Field** sub-tab, click **New Field**.

Custom Record Type

Card Payouts Preference

[Save](#) [Cancel](#) [Reset](#) [Change ID](#) [Actions](#)

NAME *

ID customrecord_vdsa_suiteapp_preference

OWNER

DESCRIPTION

INCLUDE NAME FIELD

SHOW ID

SHOW CREATION DATE ON RECORD ON LIST

SHOW LAST MODIFIED ON RECORD ON LIST

SHOW OWNER ON RECORD ON LIST ALLOW CHANGE

ACCESS TYPE

ALLOW UI ACCESS

ALLOW MOBILE ACCESS

ALLOW ATTACHMENTS

SHOW NOTES

ENABLE MAIL MERGE

RECORDS ARE ORDERED

SHOW REMOVE LINK ALLOW CHILD RECORD EDITING ALLOW DELETE

ALLOW QUICK SEARCH

ALLOW QUICK ADD

ENABLE SYSTEM NOTES

INCLUDE IN GLOBAL SEARCH

INCLUDE IN SEARCH MENU

ENABLE OPTIMISTIC LOCKING

ENABLE INLINE EDITING

ENABLE NAME TRANSLATION

HIERARCHY

INACTIVE

Fields • Subtabs • Sublists • Icon • Numbering • Forms • Online Forms • Permissions • Links • Managers • Translation • Child Records • Parent Records • History • System Notes •

SHOW INACTIVES

[New Field](#) [Move To Top](#) [Move To Bottom](#)

DESCRIPTION	ID	TYPE	LISTRECORD	TAB	SHOW IN U
Username	custrecord_vdsa_tsp_username	Free-Form Text			No
Password	custrecord_vdsa_tsp_password	Free-Form Text			No

Step 5 | Fill in the necessary information and select the correct field type needed. Take note of the ID for the new field created and add it to the Suitelet script.

Card Payout

Customize the Card Payouts General Preference recor

Card Payouts Preference Field

LABEL *

 ID

 OWNER
 Celine Penalosa
 DESCRIPTION

TYPE
 Free-Form Text
 LIST/RECORD
 STORE VALUE USE ENCRYPTED FORMAT
 SHOW IN LIST

- GLOBAL SEARCH
- RECORD IS PARENT
- INACTIVE
- APPLY ROLE RESTRICTIONS

INSERT BEFORE

 SUBTAB

 DISPLAY TYPE
 Normal
 DISPLAY WIDTH

HELP

 ALLOW QUICK ADD

Step 6 | Go to **Homepage** > **Documents** > **Files** > **File Cabinet**.

The screenshot shows the Oracle NetSuite File Cabinet interface. The left sidebar contains a navigation tree with folders like 'App Packages', 'Attachments Received', 'Contracts', etc. The main area displays a table of files and folders with columns for 'EDIT', 'NAME', 'SIZE', 'LAST MODIFIED', 'TYPE', and 'DOWNLOAD'. The total number of items is 21.

EDIT	NAME	SIZE	LAST MODIFIED	TYPE	DOWNLOAD
Edit	App Packages	3.33 KB	4/8/2020 5:12 am	Folder	Download
Edit	Assembly Instructions	1.72 MB	4/24/2020 7:32 am	Folder	Download
Edit	Attachments Received	665.98 KB	4/1/2020 8:36 pm	Folder	Download
Edit	Attachments Sent	0 B	10/23/2020 11:25 pm	Folder	Download
Edit	Bundle - Demo Instructions	1.64 MB	4/13/2020 8:05 am	Folder	Download
Edit	Contracts	87.05 KB	4/6/2020 2:57 pm	Folder	Download
Edit	CSV Templates	810 B	4/16/2020 7:19 am	Folder	Download
Edit	Download Items	57.0 KB	5/9/2020 1:33 pm	Folder	Download
Edit	Drawings	0 B	4/24/2020 7:32 am	Folder	Download
Edit	HR Documents	71.0 KB	4/10/2020 11:23 am	Folder	Download
Edit	Images	13.02 MB	4/9/2020 5:10 pm	Folder	Download

Step 7 | In the left pane, expand the folders **SuiteApps** > **com.visa.cardpayouts** > **VD SuiteApp Installation**.

The screenshot shows the Oracle NetSuite File Cabinet interface with the 'SuiteApps > com.visa.cardpayouts > VD SuiteApp Installation' path expanded. The table below shows the contents of this folder.

EDIT	NAME	SIZE	LAST MODIFIED	TYPE	DOWNLOAD
Edit	VDSA_CS_GeneralPreferenceFieldChange.js	8.45 KB	4/9/2020 4:35 am	JavaScript File	Download
Edit	VDSA_SU_CardPayoutsGeneralPreference.js	39.98 KB	12/17/2020 5:23 am	JavaScript File	Download
Edit	VDSA_SU_CardPayoutsGenPrefBackend.js	1.56 KB	4/8/2020 4:35 am	JavaScript File	Download

Step 8 | Click **Edit** next to **VDSA_SU_CardPayoutsGeneralPreference.js**.

Card Payout

Customize the Card Payouts General Preference recor

The screenshot shows the Oracle NetSuite interface. At the top, there is a search bar and navigation tabs including 'Activities', 'Box Files', 'Payments', 'Transactions', 'Lists', 'Reports', 'Analytics', 'Documents', 'Setup', 'Customization', 'Commerce', 'Support', 'Demo Framework', 'Fixed Assets', 'SuiteSocial', and 'Card Payouts'. The 'File' editor is open, displaying the following details for the file 'VDSA_SU_CardPayoutsGeneralPreference.js':

- FILE NAME: VDSA_SU_CardPayoutsGeneralPreference.js
- FILE TYPE: JavaScript File
- FILE SIZE (BYTES): 40,840
- FOLDER: SuiteApps : com.visa.cardpayouts : VD SuiteApp Installation
- DESCRIPTION: (empty)
- URL: https://tstdv2257905.app.netsuite.com/c.TSTDV2257905/suiteapp/com.visa.cardpayouts/VD SuiteApp Installation/VDSA_SU_CardPayoutsGeneralPreference.js
- SELECT FILE: Choose File | No file chosen
- MEDIA ITEM: preview VDSA_SU_CardPayoutsGeneralPreference.js | download | Edit

On the right side of the editor, there are several checkboxes for file permissions:

- INACTIVE
- AVAILABLE FOR SUITEBUNDLES
- HIDE IN SUITEBUNDLE
- AVAILABLE WITHOUT LOGIN
- COMPANY-WIDE USAGE
- GENERATE URL TIME STAMP

Step 9 | Under **Media Item**, click **Edit**.

This screenshot is identical to the one above, showing the Oracle NetSuite interface with the 'File' editor open for 'VDSA_SU_CardPayoutsGeneralPreference.js'. The details and permissions are the same as in the previous screenshot.

Step 10 | In this script, there are three sections to be updated:

- (1) Add the ID of the new field from the custom record in the **recordLookup** section.
- (2) Add the new field in the Suitelet UI using the **createField** function.
- (3) Add the ID of the new field in the **fieldValues** section, to save the value(s) entered in the UI to the Card Payouts Preference custom record.

Step 11 | Click **Save**.

Card Payout

Customize the Card Payouts General Preference recor

Inactive Field(s) on the custom record

You can designate an existing field as **Inactive** in the Card Payouts General Preference custom record.

Step 1 | Log in to NetSuite as an **Administrator**.

Step 2 | Go to **Homepage** > **Customization** > **Lists**, then **Records & Fields** > **Record Types**.

Record Types

[New Type](#)

FILTERS

OWNER: [] FROM BUNDLE: []

SHOW INACTIVES Alternate — Format — TOTAL: 100

EDIT	FROM BUNDLE	ID	OWNER	LIST	NEW RECORD	SEARCH
		customrecord_vdsa_treasury_bank_details	Jayzar N Estareja	List	New Record	Search
		customrecord_vdsa_debit_details	Jayzar N Estareja	List	New Record	Search
		customrecord_vdsa_card_payouts_error	Jayzar N Estareja	List	New Record	Search
		customrecord_vdsa_pymt_event	Jayzar N Estareja	List	New Record	Search
		customrecord_vdsa_suitapp_preference	Jayzar N Estareja	List	New Record	Search
		customrecord_vdsa_response_code	Jayzar N Estareja	List	New Record	Search
		customrecord_vdsa_response_log	Jayzar N Estareja	List	New Record	Search

Step 3 | Under **Record Types**, click **Card Payouts Preference**.

ORACLE NETSUITE

SEARCH

Activities Box Files Payments Transactions Lists Reports Analytics Documents Setup Customization Commerce Support Demo Framework Fixed Assets SuiteSocial Card Payouts

Custom Record Type

Card Payouts Preference

[Save](#) [Cancel](#) [Change ID](#) [Actions](#)

NAME: Card Payouts Preference

ID: customrecord_vdsa_suitapp_preference

OWNER: Jayzar N Estareja

DESCRIPTION: This record stores the values for the Card Payouts general preferences.

INCLUDE NAME FIELD

SHOW ID

SHOW CREATION DATE: ON RECORD ON LIST

SHOW LAST MODIFIED: ON RECORD ON LIST

SHOW OWNER: ON RECORD ON LIST ALLOW CHANGE

ACCESS TYPE: Use Permission List

ALLOW UI ACCESS

ALLOW MOBILE ACCESS

ALLOW ATTACHMENTS

SHOW NOTES

ENABLE MAIL MERGE

RECORDS ARE ORDERED

SHOW REMOVE LINK ALLOW CHILD RECORD EDITING ALLOW DELETE

ALLOW QUICK SEARCH

ALLOW QUICK ADD

ENABLE SYSTEM NOTES

INCLUDE IN GLOBAL SEARCH

INCLUDE IN SEARCH MENU

ENABLE OPTIMISTIC LOCKING

ENABLE IN-LINE EDITING

ENABLE NAME TRANSLATION

HIERARCHY

INACTIVE

Fields Subtabs Sublists Icon Numbering Forms Origine Forms Permissions Links Managers Translation Child Records Parent Records History System Notes

SHOW INACTIVES

[New Field](#) [Move To Top](#) [Move To Bottom](#)

DESCRIPTION	ID	TYPE	LIST/RECORD	TAB	SHOW IN LIST
Username	custrecord_vdsa_tsp_username	Free-Form Text			No
Password	custrecord_vdsa_tsp_password	Free-Form Text			No
Merchant	custrecord_vdsa_tsp_merchant_name	Free-Form Text			No
Enable Card Invitation Email Notification	custrecord_vdsa_card_invite_email	Check Box			No

Step 4 | In the **Field** sub-tab, click the name of the existing field.

Card Payout

Customize the Card Payouts General Preference record

DESCRIPTION	ID	TYPE	LISTRECORD	TAB	SHOW IN LIST
Username	custrecord_vdsa_hsp_username	Free-Form Text			No
Password	custrecord_vdsa_hsp_password	Free-Form Text			No
Merchant	custrecord_vdsa_hsp_merchant_name	Free-Form Text			No
Enable Card Invitation Email Notification	custrecord_vdsa_card_invite_email	Check Box			No
Enable Card Unenrollment Email Notification	custrecord_vdsa_card_unenrollment_email	Check Box			No
Enable Card Expiration Email Notification	custrecord_vdsa_card_expiration_email	Check Box			No
Enable Card Enrollment Email Notification	custrecord_vdsa_card_enrollment_email	Check Box			No
Enable Card Payment Email Notification	custrecord_vdsa_card_payment_email	Check Box			No
Email Author for Invitation	custrecord_vdsa_email_author_invite	ListRecord	Employee		No

Step 5 | In the **Field** record, select the **Inactive** box, and then click **Save**.

Hide existing fields on the custom record

After designating an existing field as **Inactive** on the Card Payouts General Preference custom record, you'll need to hide the corresponding field on the Suitelet page.

Step 1 | Go to **Homepage > Documents > Files > File Cabinet**.

The screenshot shows the Oracle NetSuite File Cabinet interface. The left sidebar contains a tree view of folders including App Packages, Assembly Instructions, Attachments Received, Attachments Sent, Bundle - Demo Instructions, Contracts, CSV Templates, Download Items, Drawings, HR Documents, Images, and Mail Template Image Folder. The main area displays a table of files and folders with columns for Edit, Name, Size, Last Modified, Type, and Download. The table shows 21 items, including folders like App Packages, Assembly Instructions, Attachments Received, Attachments Sent, Bundle - Demo Instructions, Contracts, CSV Templates, Download Items, Drawings, HR Documents, and Images, as well as files like App Packages, Assembly Instructions, Attachments Received, Attachments Sent, Bundle - Demo Instructions, Contracts, CSV Templates, Download Items, Drawings, HR Documents, and Images.

Step 2 | In the left pane, expand the folders **SuiteApps > com.visa.cardpayouts > VD SuiteApp Installation**.

The screenshot shows the Oracle NetSuite File Cabinet interface with the path SuiteApps > com.visa.cardpayouts > VD SuiteApp Installation selected. The left sidebar shows the expanded folder structure. The main area displays a table of files with columns for Edit, Name, Size, Last Modified, Type, and Download. The table shows 3 items, all JavaScript files: VDSA_CS_GeneralPreferenceFieldChange.js (8.45 KB, 4/8/2020 4:35 am), VDSA_SU_CardPayoutsGeneralPreference.js (39.88 KB, 12/17/2020 5:23 am), and VDSA_SU_CardPayoutsGenPrefBackend.js (1.56 KB, 4/8/2020 4:35 am).

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Step 3 | Click **Edit** next to **VDSA_SU_CardPayoutsGeneralPreference.js**.

The screenshot shows the Oracle NetSuite interface. At the top, there is a search bar and a navigation menu with options like Activities, Box Files, Payments, Transactions, Lists, Reports, Analytics, Documents, Setup, Customization, Commerce, Support, Demo Framework, Fixed Assets, SuiteSocial, and Card Payouts. Below the navigation menu, there is a 'File' section with a search icon and a 'More' button. The file details for 'VDSA_SU_CardPayoutsGeneralPreference.js' are displayed, including file name, type (JavaScript File), size (40,840 bytes), folder (SuiteApps > com.visa.cardpayouts > VD SuiteApp Installation), and a description field. There are also buttons for 'Save', 'Cancel', and 'Actions'. On the right side, there are several checkboxes for file properties: INACTIVE, AVAILABLE FOR SUITEBUNDLES, HIDE IN SUITEBUNDLE, AVAILABLE WITHOUT LOGIN, COMPANY-WIDE USAGE, and GENERATE URL TIME STAMP.

Step 4 | Under **Media Item**, click **Edit**.

This screenshot is identical to the one in Step 3, showing the Oracle NetSuite interface with the file details for 'VDSA_SU_CardPayoutsGeneralPreference.js'. The file name, type, size, folder, and description are visible. The 'Media Item' section at the bottom shows a 'preview' link and an 'Edit' link.

Step 5 | Find the field that you need to hide in the script and change the display type to **HIDDEN**.

```
tspAccessTokenDomain.updateDisplayType({ displayType: serverWidget.FieldDisplayType.HIDDEN });
```

Step 6 | Click **Save**.

5. Card Payouts debit card management

The Card Payouts Debit Card Management feature allows a user with an **A/P Clerk** or **Contractor Center** role to manage debit card enrollment and details.

The following section outlines the basic steps that these users will take to manage this process.

5.1 Enroll a vendor debit card

STEP 1 | From the **Card Payouts Preference** page, log in to NetSuite as a user with either an **A/P Clerk** or **Contractor Center** role.

STEP 2 | On the vendor record, click **Manage Card Payouts button > Add Debit Details** to build the corporate bank form. Add the card details here.

STEP 3 | The corporate bank will validate this data and provide a response. If successful, a new card record will be created, otherwise, an error message will be displayed and the record will not be created.

The following diagram illustrates the process of enrolling a new vendor debit card.

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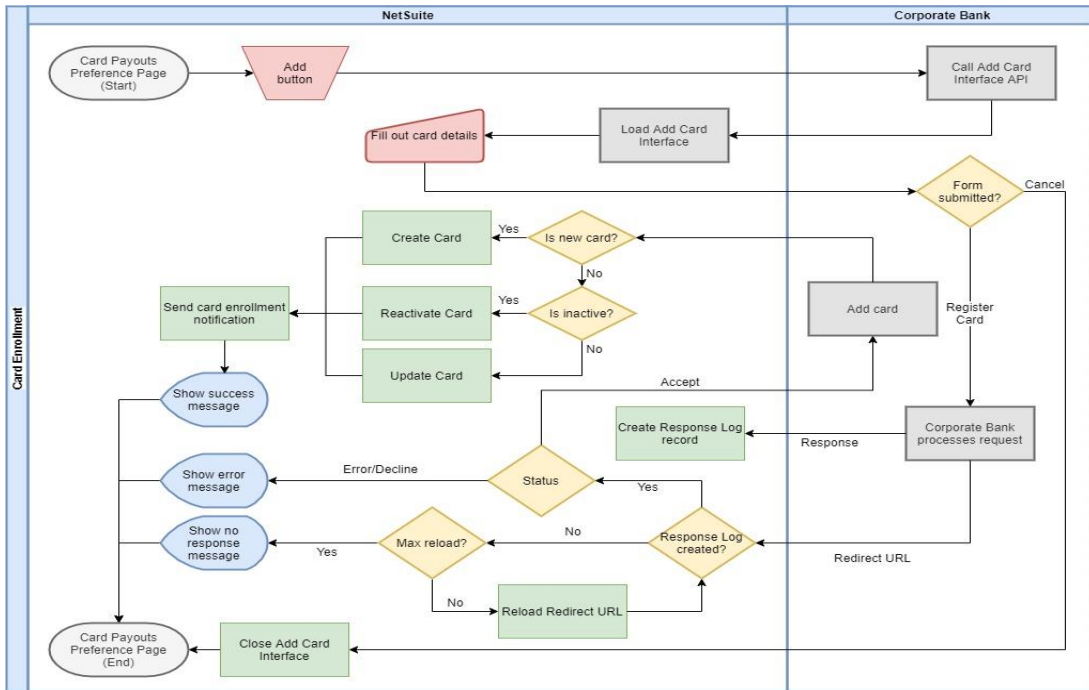


Figure 2: Card enrollment process

Set a vendor debit card to “Primary”

The Card Payouts application allows vendors to have multiple cards enrolled. The primary card record is used as the default card when processing payments to the vendor.

STEP 1 | From the **Card Payouts Preference** page, log in to NetSuite as a user with either an **A/P Clerk** or **Contractor Center** role.

STEP 2 | Navigate to the **vendor record**, select one of the associated card records, and designate it as **Primary**.

5.2 Unenroll a vendor debit card

STEP 1 | From the **Card Payouts Preference** page, log in to NetSuite as a user with either an **A/P Clerk** or **Contractor Center** role.

STEP 2 | Select a card record to unenroll and click **Unenroll Debit Details**. Note that a validation error will appear if there is no card record selected or if

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the selected card is designated as **Primary** and the vendor has three or more cards enrolled.

STEP 3 | Upon clicking the **Unenroll Debit Details** button, the system will send an unenrollment request via the **Card API** to deactivate the card.

STEP 4 | The corporate bank will process the request to confirm its validity and send a response back to NetSuite. If the process is successful, the card record in NetSuite will be set to **Inactive** and the Card owner will be set to **Null**. If the primary card was unenrolled, the next available debit card will be set as **Primary**.

STEP 5 | The system will send an email notification to the card owner that the card record has been successfully unenrolled.

STEP 6 | The **Card Payouts Preference** page will reload and show a confirmation message. If the unenrollment is not successful, the **Card Payouts Preference** page will reload and show an error message and the selected card record will not be unenrolled.

The following diagram illustrates the process of unenrolling a vendor card.

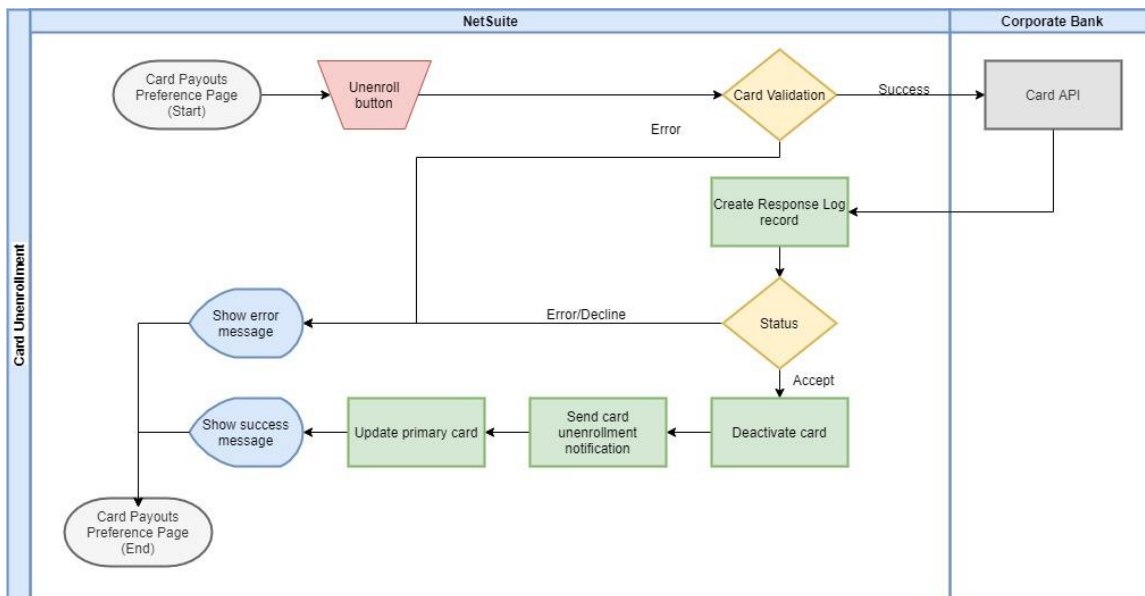


Figure 3: Card unenrollment process

5.3 Related custom records, scripts and workflows

The following Toolkit components are related to card enroll and unenroll functionality.

Related Scripts	Description
JS file name: VDSA_CS_CardPreferenceButtons.js	This client script triggers all the buttons on the Card Payouts Preference page. This will be used by the Card Payouts Preference Suitelet.
Script Name: VDSA Card Payouts Preference page SL Script ID: customscript_vdsa_payment_preference_sl JS file name: VDSA_SU_CardPayoutsPreferencePage.js	This Suitelet creates the Card Payouts Preference page in the vendor record.
Script Name: VDSA Card Payouts Preference Backend SL Script ID: customscript_vdsa_backend_server_process JS file name: VDSA_SU_CardPayoutsBackEndProcess.js	This is a backend Suitelet that will process all server-side activities for the Card Payouts Preference page.
JS file name: VDSA_LIB_TokenServices.js	This script handles all the API calls for corporate bank integration.

6. Card Payouts payment disbursement

This function enables the **Card Payouts Controller** to manage all the activities related to bill payments in the Card Payouts application—from creation to processing (including manual and automatic reprocessing)—and to oversee an eligible contractor's debit card details.

The following section outlines the basic steps that a **Card Payouts Controller** will take to manage this process.

6.1 Single payment processing

STEP 1 | Log in to NetSuite as a **Card Payouts Controller**.

STEP 2 | Navigate to **Card Payouts > Corporate Bank > Bill Payment**. Select a **Payee**, and then select a bill that you want to pay. Next, select **Bill Payment Creation**.

STEP 3 | Create a **payment** and then select a **payment option** to initiate processing.

STEP 4 | The system creates a **payment request** and uses the **Payment Processing API** to send it to a **Payout URL** which returns a response.

STEP 5 | Once the response is received, it gets processed to create a **Card Payouts Payment Event** record. Depending on the response, an action is executed based on the mapping configured in the **Card Payouts Response Code**.

Actions that can be performed are:

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- **Manual Re-processing** allows the user to adjust the **Card Payouts Debit Details** and **Card Payouts Corporate Bank Details**.
- **Auto-Retry** automatically resubmits the request for several times.
- **Accept or Reject** automatically confirms or declines the bill payment respectively. An overriding feature is present as well to track when the bill payment gets manually confirmed or declined.

The diagram below illustrates the complete payment process.

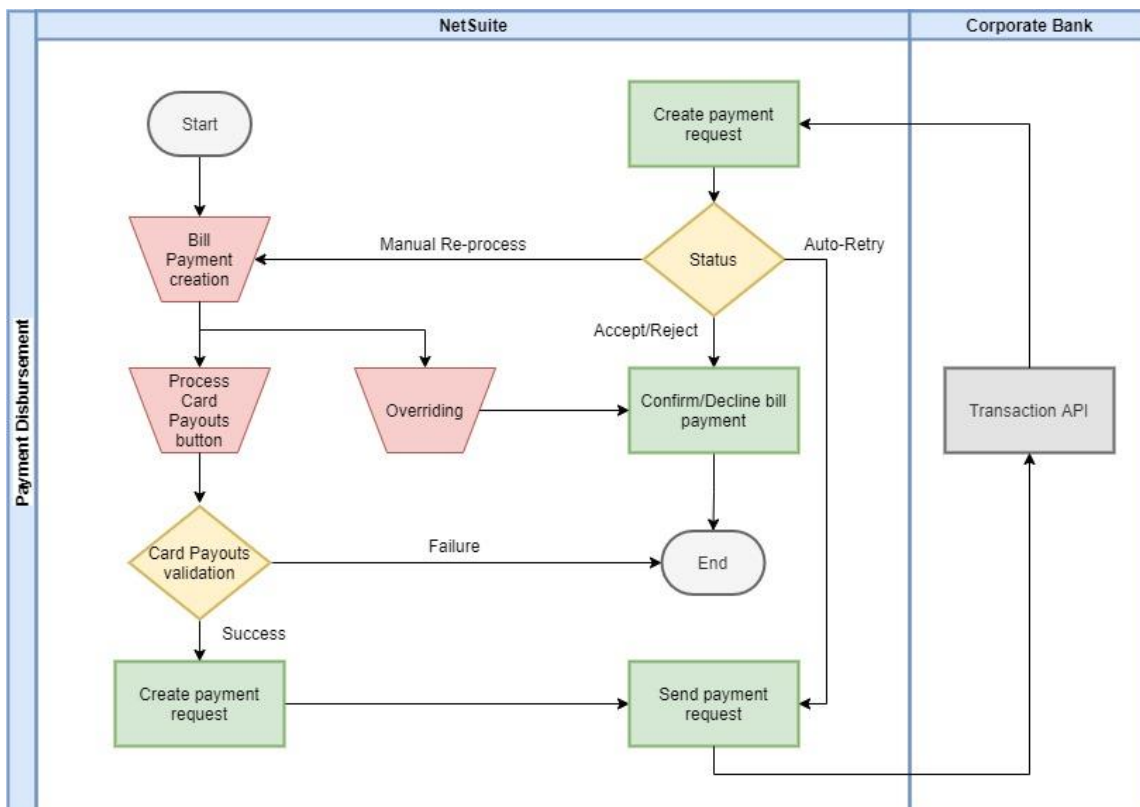


Figure 4: Card Payouts payment processing

6.2 Bulk payment processing

STEP 1 | Log in to NetSuite as a **Card Payouts Controller**.

STEP 2 | Navigate to **Card Payouts > Corporate Bank > Bulk Billing > Bulk Vendor Payments**.

STEP 3 | From the **Bulk Billing** page, refine your inputs as needed, such as A/P accounts, posting period, date range, etc.

STEP 4 | Select multiple bills in the **Vendor Bill** sub-tab to pay in bulk. If the selection exceeds the amount threshold, an error will appear at the top of the screen and submission will not be allowed until amounts are lowered. If the amount is below the threshold, the Controller will be able to click **Pay Bill(s)** to proceed with the bulk payments process.

STEP 5 | After clicking **Pay Bill(s)**, the Controller is redirected to a status page that shows the processing status.

In the case of multiple vendors, bills may be broken out into separate transactions. Each transaction will have its own status and details.

STEP 6 | If an error occurred during processing, the system will display the error upon refresh of the status page. If the process completed successfully, then the system will create a payment record and initiate the **Normal Card Payouts** workflow to complete the disbursement process.

NOTE: The Bulk Payment Processing feature uses the same **paymentTransaction** function as the single payment process.

The diagram below illustrates the complete process for bulk vendor payments.

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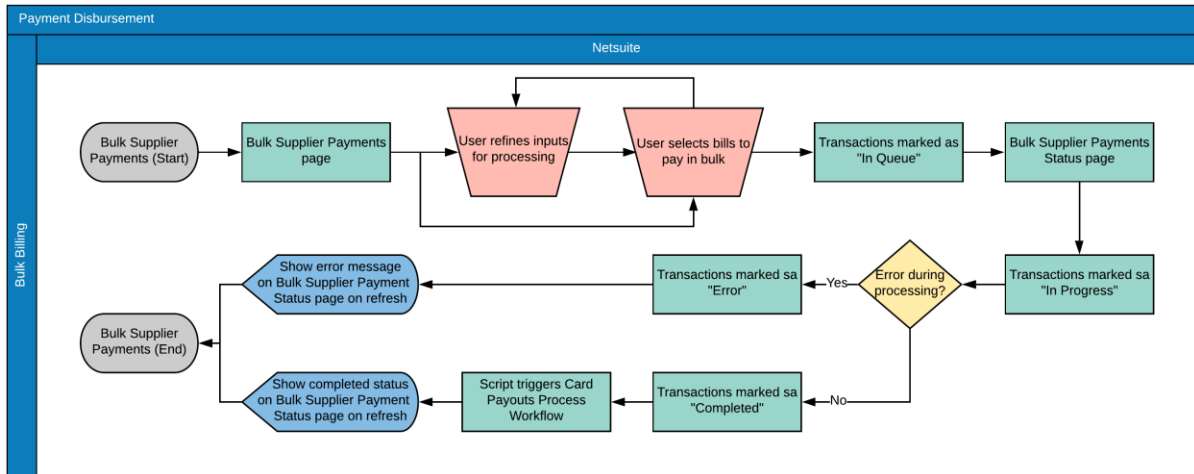


Figure 5: Card Payouts bulk payment processing

6.3 Related custom records, scripts and workflows

The following Toolkit components are related to payment disbursement.

Related Custom Record/ Workflow/ Scripts	Description
Workflow Name: VDSA Card Payouts Payment Processing Workflow ID: customworkflow_vdsa_payment_processing	This workflow handles automatic re-processing, manual re-processing, manual overriding and automatic confirm and decline of in-transit payments based on the response from the corporate bank.
Workflow Name: VDSA Card Payouts Payment Restrictions	This workflow controls field restrictions depending on the payment status.
JS File Name: VDSA_LIB_TokenService.js	This script handles API calls for corporate bank integration.
JS File Name VDSA_Bulk_Vendor_Payment_Page_CLI.js	This is a Suitelet script that will create the Card Payouts Bulk Vendor Payment page.

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Customize the Card Payouts General Preference record

Commercialization support partner

Visa has partnered with a consulting service company who supports Card Payout Toolkit implementations and NetSuite configurations. For more details, please reach out to the Visa Direct ERP product team at: gzhan@visa.com.