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ScaleNorth NetSuite MasterClass– Session 7– Automate Processes with Email Capture Plugin Script

April 18, 2025

Confidentiality Notice

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Objective

- We have started hosting these monthly NetSuite Master Classes, because we have found most common challenges people have with NetSuite
  - Lack of Training
    - Take advantage of saved search reporting
    - CSV Imports
    - Mass Updates
    - Simple workflows to automate processes
    - Custom Records, Forms, Fields
    - Advanced PDFs
  - Don't Know what I don't Know
- Our goal is to teach these things so companies and more importantly their employees can maximize the value and utility they get out of the NetSuite Platform/Ecosystem

Agenda

- Introductions
  - ScaleNorth
    - Quick ScaleNorth Overview
- Examples and Use Cases
  - Automate Creating Inbound Shipment for Contract Mfg.
    - Contract Mfg. emails ASN/Shipment Notice CSV Attachment
    - Simple Email Capture Plugin Script picks up CSV attachment from E-Mail and saves it in NetSuite File Cabinet
    - Simple script to pick up CSV file from Pending Folder in NetSuite File Cabinet, import csv file using saved csv import template to create Inbound Shipment and move the csv file from the Pending to Processed Folder in the NetSuite File Cabinet
- Live Q&A
- Next Steps

Introductions

Charles Stevenson

Vice President, Sales

- ▲ Managed Sales Teams for Two Fortune 500 Companies over two decades
- ▲ BS Accounting from USC

Dean Carazza, CPA

Sr. Business Development Manager
dcarazza@scalenorth.com
714-350-6211

- ▲ 14 years of experience
- ▲ Public and Private Accounting
- ▲ 8 years NetSuite Experience
  - 2 Years Private/User - Assistant Controller for $100M Distributor in Irvine
  - 6 years ScaleNorth
    - Led some of the largest and most complex implementations and integrations. Have done over 20 implementations.
  - Industry experience
    - Manufacturing, E-Commerce and Warehouse/Distribution SaaS, Professional Services

Meet The Team

> We wanted a partner that could deliver fast solutions, communicate with us and keep us up to date on the status of our ERP project...ScaleNorth covered all of these bases while delivering world-class service. It's been fantastic.
>
> Jerod Schoneman
> General Manager, Total Energy Systems

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275+
Team Members

680+
NetSuite Certifications Held by Staff

$2.5B+
Annual Revenue Transactions Processed

1,650+
Years of Collective NetSuite ERP Experience

8.5+
Avg Years of NetSuite Experience

57%
Percentage of staff with CPAs

ORACLE NETSUITE
BPO Partner

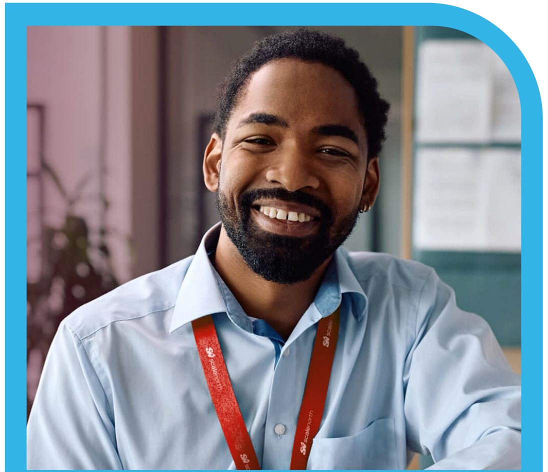
ORACLE NETSUITE
Solution Provider

ORACLE NETSUITE
SuiteCloud Developer Network

Last updated on February 17, 2025

Services at a Glance

NetSuite Implementation



Outsourced Accounting

NetSuite Consulting & Managed Services

Technical Services

Technology Partners

celigo

Avalara
Tax compliance done right

vena

rfsmart

pacejet

netgain
SHARPER TOOLS FOR A SMARTER SUITE

Zone&Co

bill

SPS COMMERCE

tipalti

versapay

boomi
Powering the Data Economy

highradius

avidxchange

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Automate Creating Inbound Shipment for Contract Mfg.

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Configuration/Development

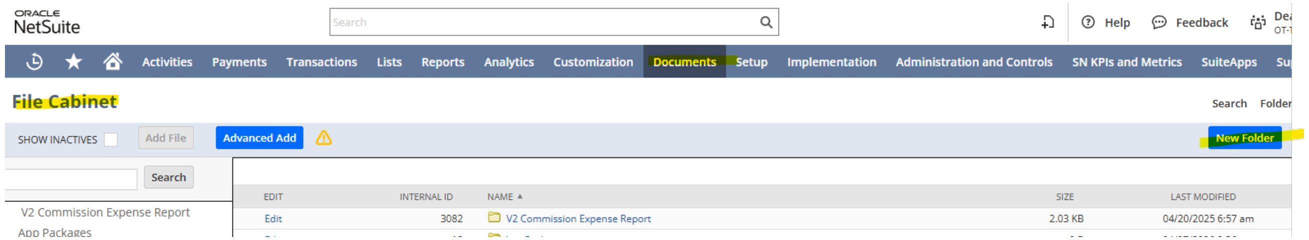
Configuration/Development

- Configuration
  - We have identified the following Configuration components to setup/put in place for our desired solution
    1. Create a File Cabinet Location that we can drop the email plugin capture CSV attachment into to be picked up by script and processed by saved csv import template
       - Folder with Sub Folders below
       - Pending
       - Processed
       - Error
    2. Create a Saved CSV Import Template to take the Email Capture Plugin CSV results and import to create an Inbound Shipment
- Development
  - We have identified the following two scripts
    1. Email Capture Plugin Script
       - Picks up the csv file attachment from the email and attaches it in the NetSuite File Cabinet Pending Folder
    2. Folder and Saved CSV Import Scheduled Script
       - Runs the Saved CSV File Import and moves the file from the Pending Folder to the Processed Folder in the NetSuite File Cabinet
- What follows are the steps and screen shots to complete the configuration and Development

1. Configuration>Create File Cabinet Folders

Create File Cabinet Folders

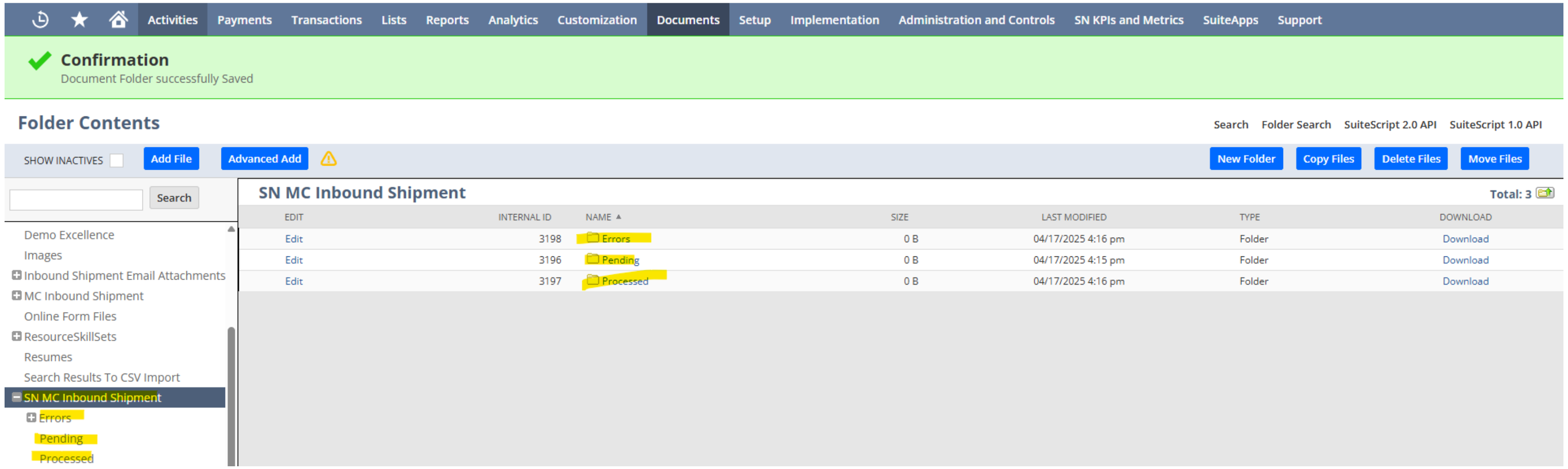
1. Navigate to Documents>Files>File Cabinet
2. Click New Folder



File Cabinet

EDIT	INTERNAL ID	NAME ▲	SIZE	LAST MODIFIED
Edit	3082	V2 Commission Expense Report	2.03 KB	04/20/2025 6:57 am

- Folder Name – SN MC Inbound Shipment
- Save
  - Add Sub Folders
    - Pending
    - Processed
    - Errors



Confirmation
Document Folder successfully Saved

Folder Contents

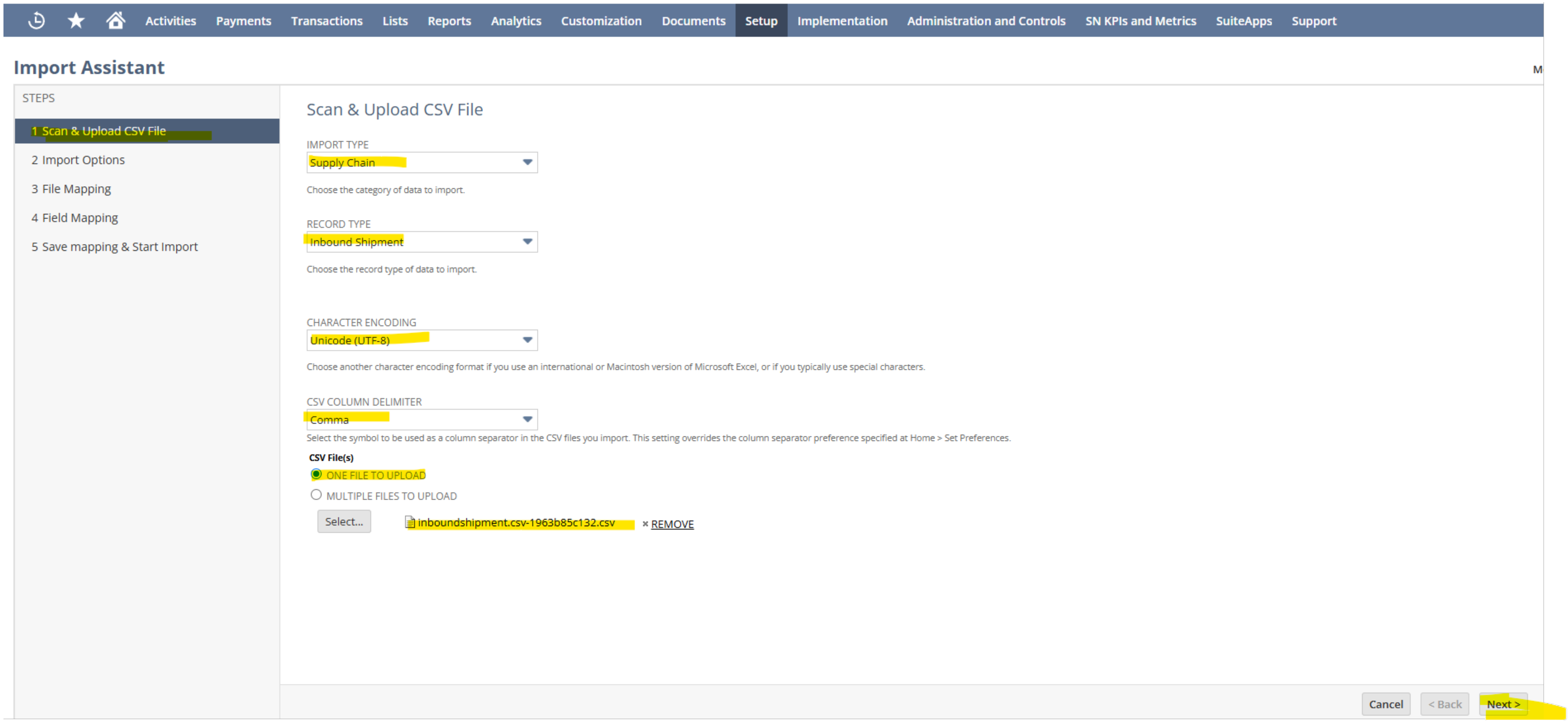
SN MC Inbound Shipment — Total: 3

EDIT	INTERNAL ID	NAME ▲	SIZE	LAST MODIFIED	TYPE	DOWNLOAD
Edit	3198	Errors	0 B	04/17/2025 4:16 pm	Folder	Download
Edit	3196	Pending	0 B	04/17/2025 4:15 pm	Folder	Download
Edit	3197	Processed	0 B	04/17/2025 4:16 pm	Folder	Download

2. Configuration>Create Saved CSV Import Template for Inbound Shipments

Create Saved CSV Import Template Inbound Shipment

1. Going to show you what the Saved CSV import template looks like that we created
   - To create a new CSV import to follow the screen shots below navigate to Setup>Import/Export>Import CSV Record



Import Assistant

STEPS

1 Scan & Upload CSV File
2 Import Options
3 File Mapping
4 Field Mapping
5 Save mapping & Start Import

Scan & Upload CSV File

IMPORT TYPE
Supply Chain
Choose the category of data to import.

RECORD TYPE
Inbound Shipment
Choose the record type of data to import.

CHARACTER ENCODING
Unicode (UTF-8)
Choose another character encoding format if you use an international or Macintosh version of Microsoft Excel, or if you typically use special characters.

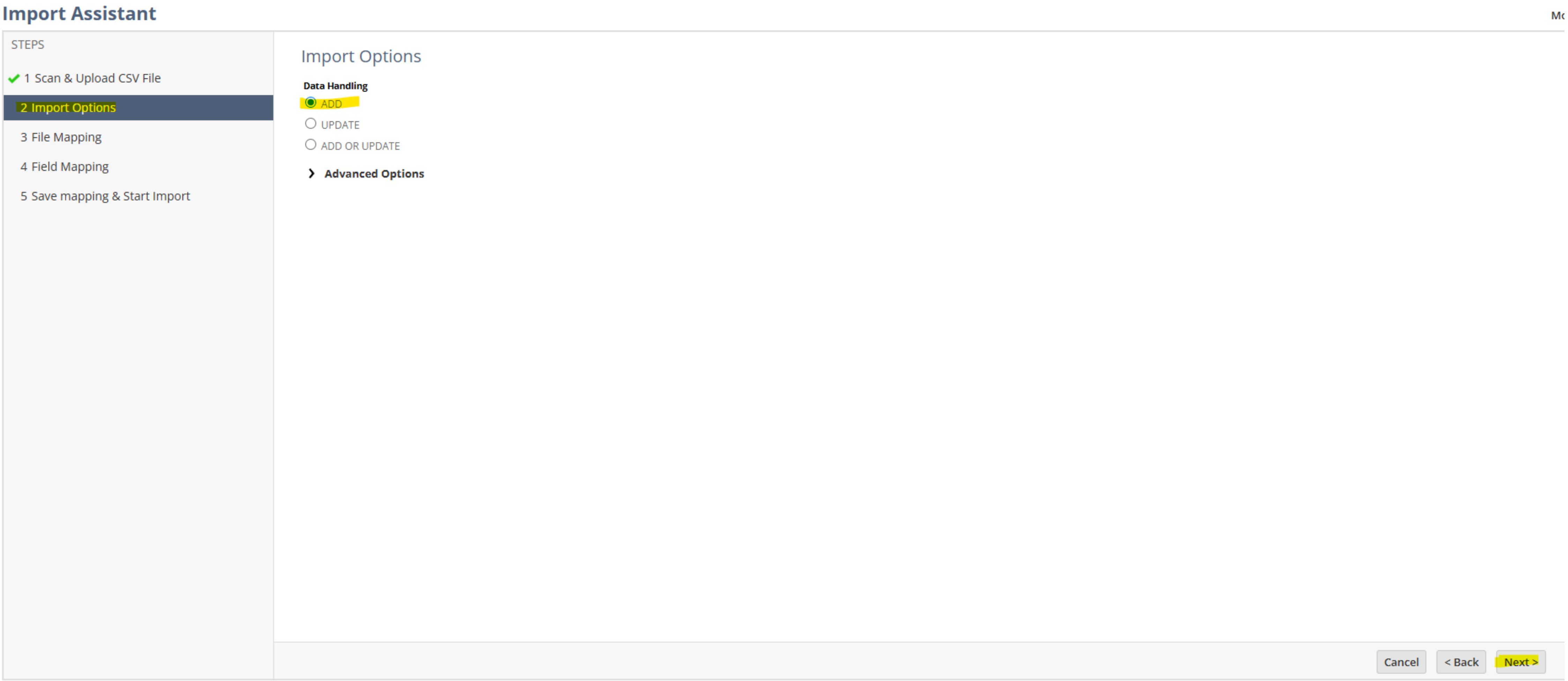
CSV COLUMN DELIMITER
Comma
Select the symbol to be used as a column separator in the CSV files you import. This setting overrides the column separator preference specified at Home > Set Preferences.

CSV File(s)
● ONE FILE TO UPLOAD
○ MULTIPLE FILES TO UPLOAD

Select... inboundshipment.csv-1963b85c132.csv × REMOVE

Create Saved CSV Import Template Inbound Shipment - Continued

1. Going to show you what the Saved CSV import template looks like that we created
   - To create a new CSV import to follow the screen shots below navigate to Setup>Import/Export>Import CSV Record



Import Assistant

Import Options

Data Handling

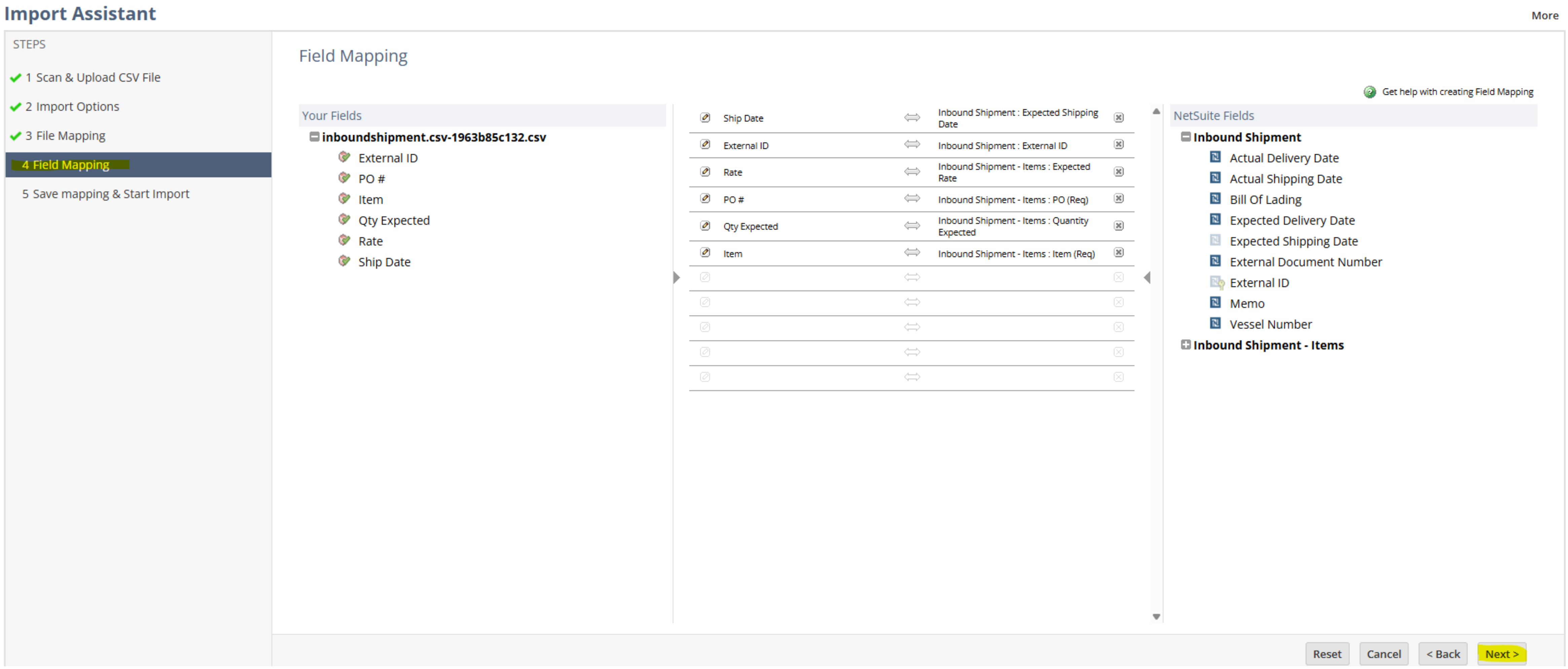
● ADD

○ UPDATE

○ ADD OR UPDATE

Create Saved CSV Import Template Inbound Shipment – Continued

1. Going to show you what the Saved CSV import template looks like that we created
   - To create a new CSV import to follow the screen shots below navigate to Setup>Import/Export>Import CSV Record



Import Assistant

STEPS

- ✓ 1 Scan & Upload CSV File
- ✓ 2 Import Options
- ✓ 3 File Mapping
- 4 Field Mapping
- 5 Save mapping & Start Import

Field Mapping

Get help with creating Field Mapping

Your Fields

- inboundshipment.csv-1963b85c132.csv
  - External ID
  - PO #
  - Item
  - Qty Expected
  - Rate
  - Ship Date

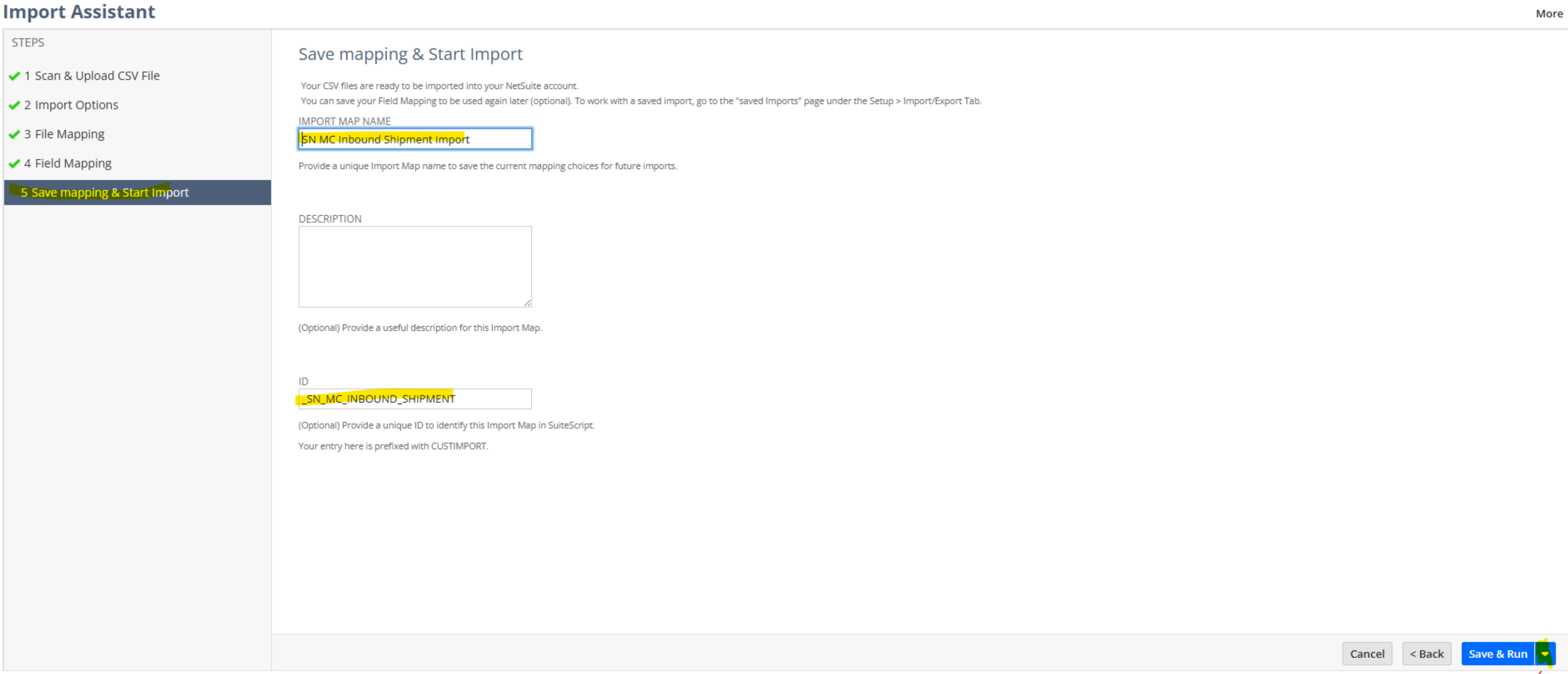
Ship Date	⇔	Inbound Shipment : Expected Shipping Date
External ID	⇔	Inbound Shipment : External ID
Rate	⇔	Inbound Shipment - Items : Expected Rate
PO #	⇔	Inbound Shipment - Items : PO (Req)
Qty Expected	⇔	Inbound Shipment - Items : Quantity Expected
Item	⇔	Inbound Shipment - Items : Item (Req)

NetSuite Fields

- Inbound Shipment
  - Actual Delivery Date
  - Actual Shipping Date
  - Bill Of Lading
  - Expected Delivery Date
  - Expected Shipping Date
  - External Document Number
  - External ID
  - Memo
  - Vessel Number
- Inbound Shipment - Items

Create Saved CSV Import Template Inbound Shipment - Continued

1. Going to show you what the Saved CSV import template looks like that we created
   - To create a new CSV import to follow the screen shots below navigate to Setup>Import/Export>Import CSV Record



Import Assistant

STEPS

✓ 1 Scan & Upload CSV File

✓ 2 Import Options

✓ 3 File Mapping

✓ 4 Field Mapping

5 Save mapping & Start Import

Save mapping & Start Import

Your CSV files are ready to be imported into your NetSuite account.
You can save your Field Mapping to be used again later (optional). To work with a saved import, go to the "saved Imports" page under the Setup > Import/Export Tab.

IMPORT MAP NAME: SN MC Inbound Shipment Import

Provide a unique Import Map name to save the current mapping choices for future imports.

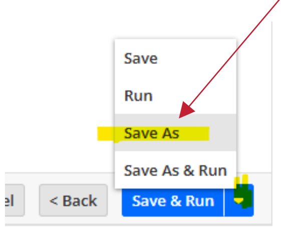
DESCRIPTION

(Optional) Provide a useful description for this Import Map.

ID: _SN_MC_INBOUND_SHIPMENT

(Optional) Provide a unique ID to identify this Import Map in SuiteScript.

Your entry here is prefixed with CUSTIMPORT.



1. Development>Email Plugin Capture Script

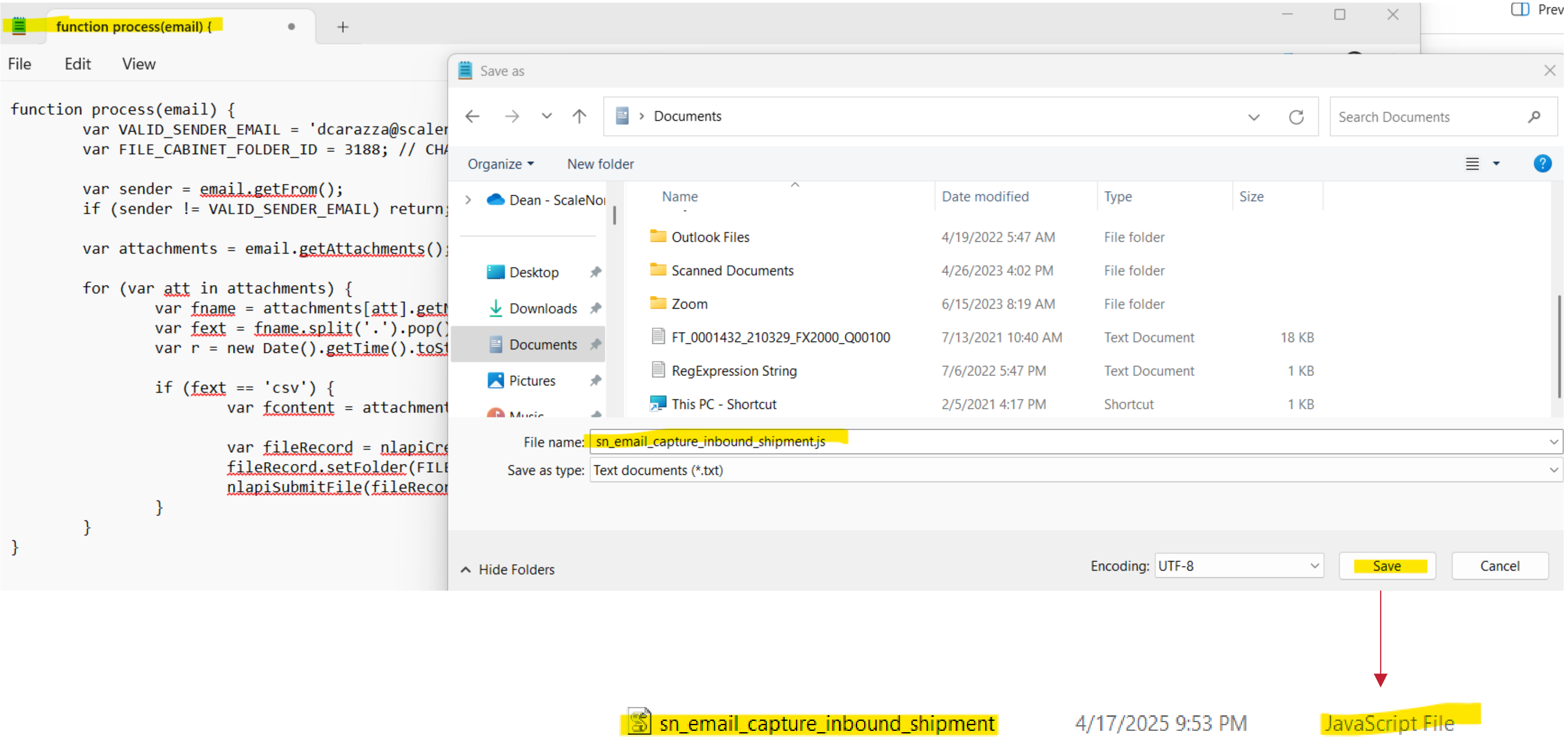
Create Email Plugin Capture Script

1. Create Saved CSV Import Script
   - Note we already have the Code/Java Script that can be used noted below. What follows are the steps to copy and paste the code to notepad so can upload .js script file into NetSuite to create the Script

```
function process(email) {
    var VALID_SENDER_EMAIL = 'dcarazza@scalenorth.com'; // CHANGE ME
    var FILE_CABINET_FOLDER_ID = 3188; // CHANGE ME

    var sender = email.getFrom();
    if (sender != VALID_SENDER_EMAIL) return;

    var attachments = email.getAttachments();

    for (var att in attachments) {
            var fname = attachments[att].getName();
            var fext = fname.split('.').pop().toLowerCase();
            var r = new Date().getTime().toString(16);

            if (fext == 'csv') {
                    var fcontent = attachments[att].getValue();

                    var fileRecord = nlapiCreateFile(fname+'-'+r+'.csv', 'EXCEL', fcontent);
                    fileRecord.setFolder(FILE_CABINET_FOLDER_ID);
                    nlapiSubmitFile(fileRecord);
            }
    }
}
```

Create Email Plugin Capture Script-Continued

1. Copy and paste the code from the last slide to a blank notepad file
   - File Save as
     - sn_email_capture_inbound_shipment.js
     - Creates a Java Script File



```
function process(email) {
        var VALID_SENDER_EMAIL = 'dcarazza@scaler
        var FILE_CABINET_FOLDER_ID = 3188; // CHA

        var sender = email.getFrom();
        if (sender != VALID_SENDER_EMAIL) return;

        var attachments = email.getAttachments();

        for (var att in attachments) {
                var fname = attachments[att].getN
                var fext = fname.split('.').pop()
                var r = new Date().getTime().toSt

                if (fext == 'csv') {
                        var fcontent = attachment

                        var fileRecord = nlapiCre
                        fileRecord.setFolder(FILE
                        nlapiSubmitFile(fileRecor
                }
        }
}
```

Save as

Documents

Name	Date modified	Type	Size
Outlook Files	4/19/2022 5:47 AM	File folder	
Scanned Documents	4/26/2023 4:02 PM	File folder	
Zoom	6/15/2023 8:19 AM	File folder	
FT_0001432_210329_FX2000_Q00100	7/13/2021 10:40 AM	Text Document	18 KB
RegExpression String	7/6/2022 5:47 PM	Text Document	1 KB
This PC - Shortcut	2/5/2021 4:17 PM	Shortcut	1 KB

File name: sn_email_capture_inbound_shipment.js

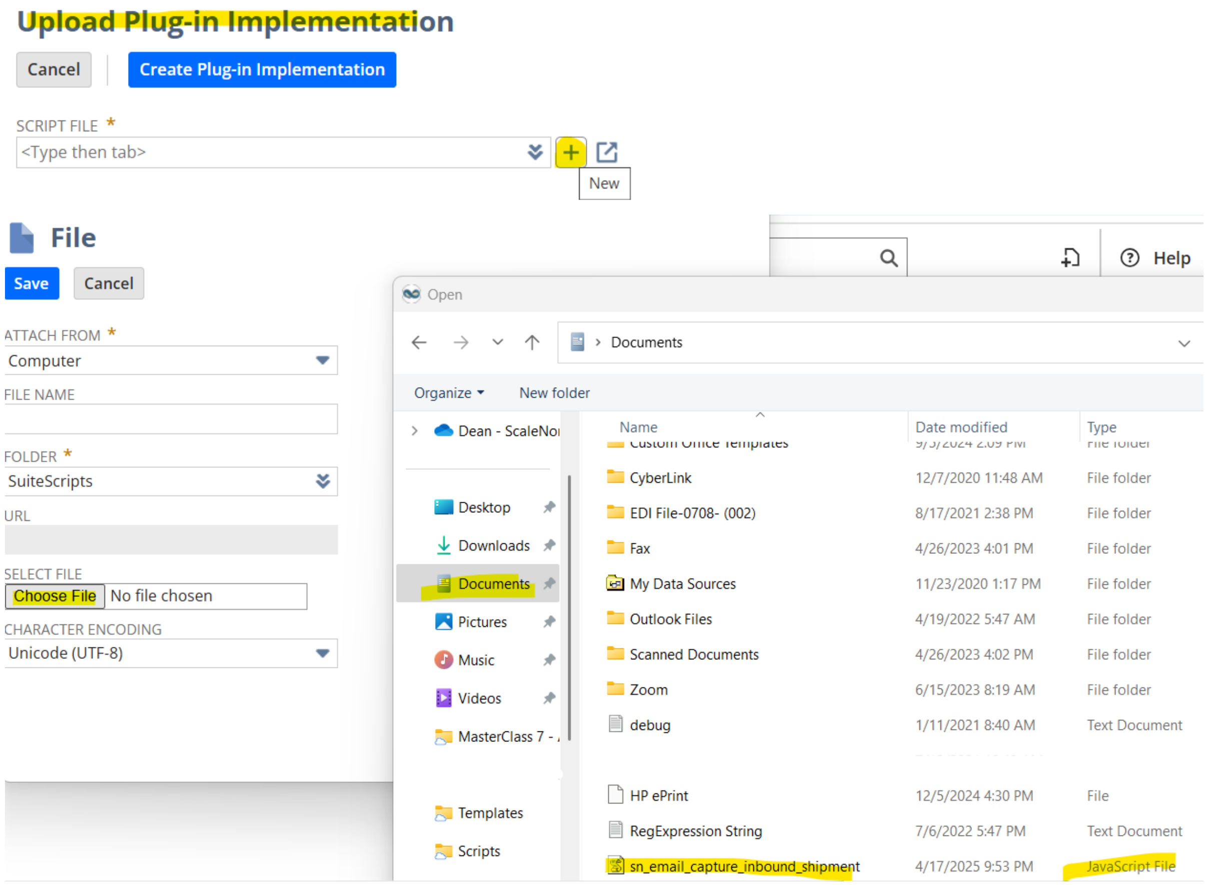
Save as type: Text documents (*.txt)

Encoding: UTF-8

sn_email_capture_inbound_shipment	4/17/2025 9:53 PM	JavaScript File

Create Email Plugin Capture Script-Continued

2. Create Email Plugin Capture Script in NetSuite
   - Navigate to Customization>Plug-ins>Plug-in Implementations>New
   - Hit the + Sign to select java script file we just created and hit Save



Upload Plug-in Implementation

Cancel | Create Plug-in Implementation

SCRIPT FILE *
<Type then tab>

+ New

File

Save | Cancel

ATTACH FROM *
Computer

FILE NAME

FOLDER *
SuiteScripts

URL

SELECT FILE
Choose File No file chosen

CHARACTER ENCODING
Unicode (UTF-8)

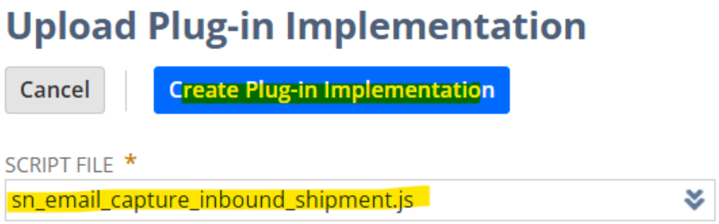
Open

Documents

Name	Date modified	Type
Custom Office Templates	9/3/2024 2:09 PM	File folder
CyberLink	12/7/2020 11:48 AM	File folder
EDI File-0708- (002)	8/17/2021 2:38 PM	File folder
Fax	4/26/2023 4:01 PM	File folder
My Data Sources	11/23/2020 1:17 PM	File folder
Outlook Files	4/19/2022 5:47 AM	File folder
Scanned Documents	4/26/2023 4:02 PM	File folder
Zoom	6/15/2023 8:19 AM	File folder
debug	1/11/2021 8:40 AM	Text Document
HP ePrint	12/5/2024 4:30 PM	File
RegExpression String	7/6/2022 5:47 PM	Text Document
sn_email_capture_inbound_shipment	4/17/2025 9:53 PM	JavaScript File

Create Email Plugin Capture Script-Continued

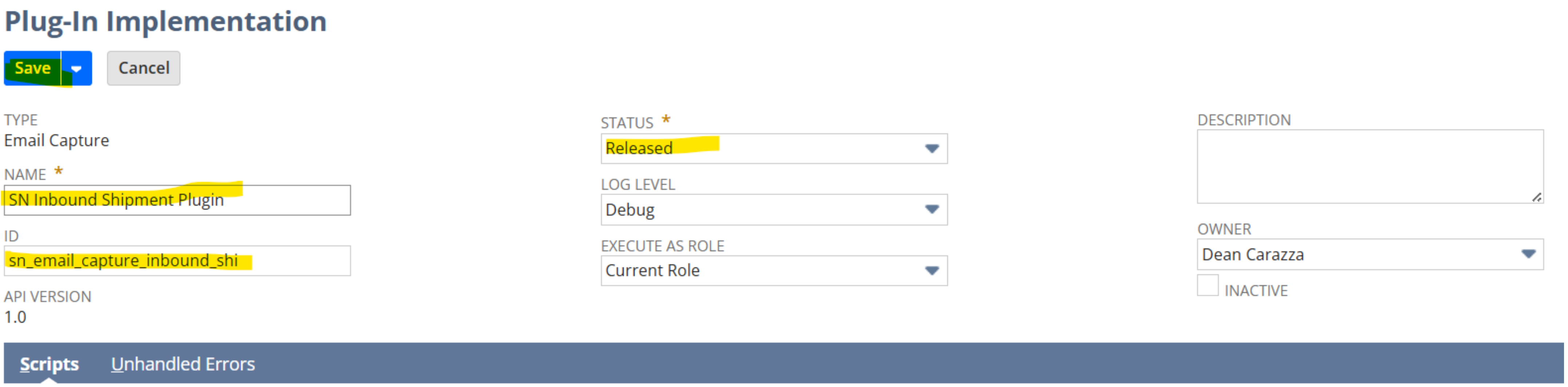
2. Once see Script File click on the Create Plug-in Implementation Record Button



Upload Plug-in Implementation

SCRIPT FILE *
sn_email_capture_inbound_shipment.js

- Select Email Capture Plug-in Type
- Next can Name and Give ID to the script and Save the Script
  - Name = SN Inbound Shipment Plugin
  - ID = sn_email_capture_inbound_shipment
  - Status = Released



Plug-In Implementation

TYPE
Email Capture

NAME *
SN Inbound Shipment Plugin

ID
sn_email_capture_inbound_shi

API VERSION
1.0

STATUS *
Released

LOG LEVEL
Debug

EXECUTE AS ROLE
Current Role

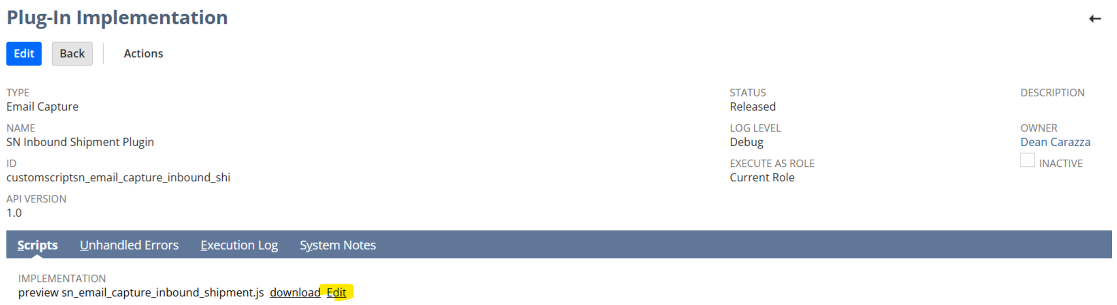
DESCRIPTION

OWNER
Dean Carazza

□ INACTIVE

Create Email Plugin Capture Script-Continued

2. Edit the Script and change out Email and Folder ID Variables



Plug-In Implementation

TYPE
Email Capture

NAME
SN Inbound Shipment Plugin

ID
customscriptsn_email_capture_inbound_shi

API VERSION
1.0

STATUS
Released

LOG LEVEL
Debug

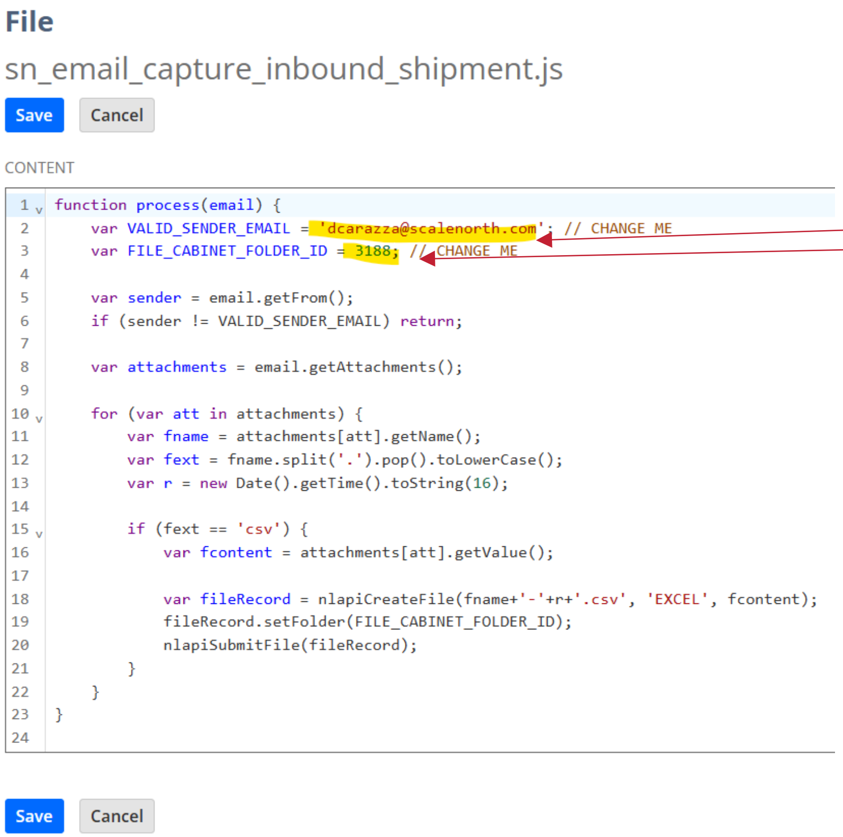
EXECUTE AS ROLE
Current Role

DESCRIPTION

OWNER
Dean Carazza

□ INACTIVE

IMPLEMENTATION
preview sn_email_capture_inbound_shipment.js download Edit



File

sn_email_capture_inbound_shipment.js

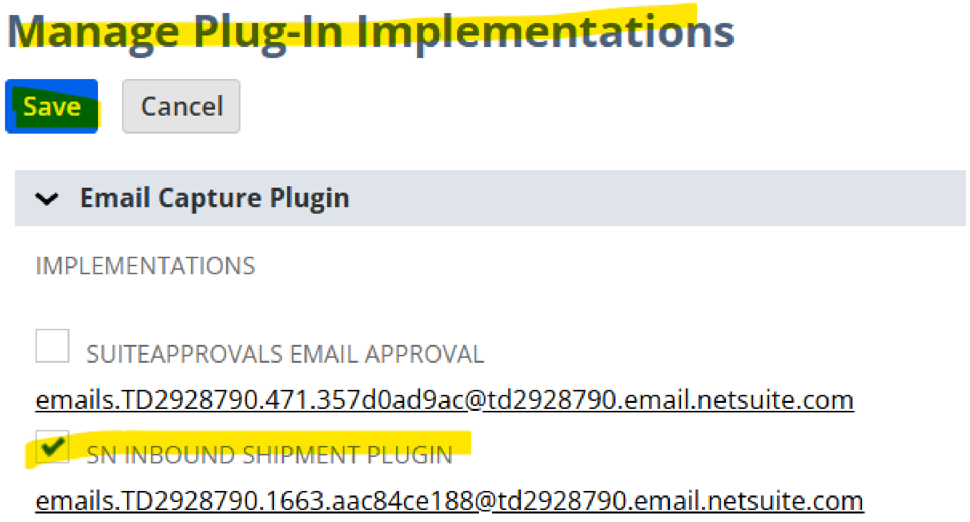
CONTENT

```
function process(email) {
    var VALID_SENDER_EMAIL = 'dcarazza@scalenorth.com'; // CHANGE ME
    var FILE_CABINET_FOLDER_ID = 3188; // CHANGE ME

    var sender = email.getFrom();
    if (sender != VALID_SENDER_EMAIL) return;

    var attachments = email.getAttachments();

    for (var att in attachments) {
        var fname = attachments[att].getName();
        var fext = fname.split('.').pop().toLowerCase();
        var r = new Date().getTime().toString(16);

        if (fext == 'csv') {
            var fcontent = attachments[att].getValue();

            var fileRecord = nlapiCreateFile(fname+'-'+r+'.csv', 'EXCEL', fcontent);
            fileRecord.setFolder(FILE_CABINET_FOLDER_ID);
            nlapiSubmitFile(fileRecord);
        }
    }
}

```

- Swap Out Variables
  - Put your email address
  - Put Pending Folder Internal ID that you created in File Cabinet

Create Email Plugin Capture Script-Continued

3. Turn On/Enable the Plugin that Just Created
   - Navigate to Customization>Plug-ins>Manage Plug-ins
     - Should see our SN Inbound Shipment Plugin that we created
       - Check the box and Save



Manage Plug-In Implementations

Save Cancel

Email Capture Plugin

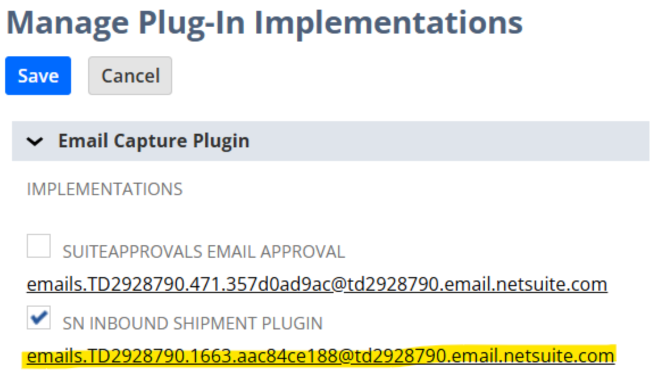
IMPLEMENTATIONS

☐ SUITEAPPROVALS EMAIL APPROVAL
emails.TD2928790.471.357d0ad9ac@td2928790.email.netsuite.com

☑ SN INBOUND SHIPMENT PLUGIN
emails.TD2928790.1663.aac84ce188@td2928790.email.netsuite.com

Create Email Plugin Capture Script-Continued

4. Now we can test the Email Plugin Capture Script to see if working and takes CSV File from email attachment and saves it in the Pending Folder we created in the NetSuite File Cabinet
   - Copy and paste the email plugin address



Manage Plug-In Implementations

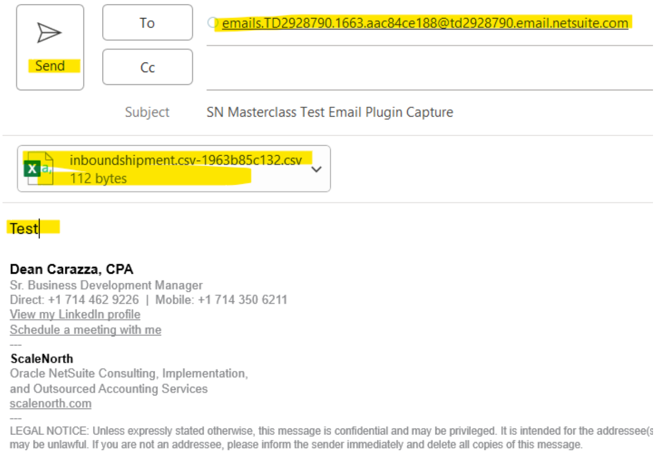
▾ Email Capture Plugin

IMPLEMENTATIONS

□ SUITEAPPROVALS EMAIL APPROVAL
emails.TD2928790.471.357d0ad9ac@td2928790.email.netsuite.com

☑ SN INBOUND SHIPMENT PLUGIN
emails.TD2928790.1663.aac84ce188@td2928790.email.netsuite.com

   - Send email to address above and attach CSV file for inbound shipment used when creating your Saved CSV Import Template



To: emails.TD2928790.1663.aac84ce188@td2928790.email.netsuite.com

Subject: SN Masterclass Test Email Plugin Capture

inboundshipment.csv-1963b85c132.csv
112 bytes

Test

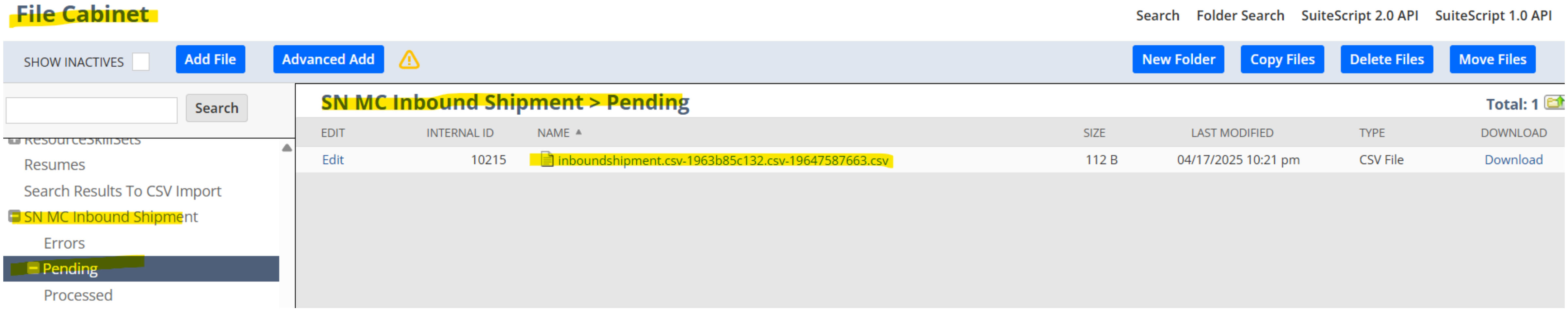
Dean Carazza, CPA
Sr. Business Development Manager
Direct: +1 714 462 9226 | Mobile: +1 714 350 6211
View my LinkedIn profile
Schedule a meeting with me

ScaleNorth
Oracle NetSuite Consulting, Implementation,
and Outsourced Accounting Services
scalenorth.com

LEGAL NOTICE: Unless expressly stated otherwise, this message is confidential and may be privileged. It is intended for the addressee(s
may be unlawful. If you are not an addressee, please inform the sender immediately and delete all copies of this message.

Create Email Plugin Capture Script-Continued

4. Now we can test the Email Plugin Capture Script to see if working and takes CSV File from email attachment and saves it in the Pending Folder we created in the NetSuite File Cabinet
   - After sending email, check the NetSuite File Cabinet Pending Folder you created and should see CSV file added there



File Cabinet

ResourceSkillSets
Resumes
Search Results To CSV Import
SN MC Inbound Shipment
Errors
Pending
Processed

SN MC Inbound Shipment > Pending

Total: 1

EDIT	INTERNAL ID	NAME ▲	SIZE	LAST MODIFIED	TYPE	DOWNLOAD
Edit	10215	inboundshipment.csv-1963b85c132.csv-19647587663.csv	112 B	04/17/2025 10:21 pm	CSV File	Download

2. Development > Folder and Saved CSV Import Scheduled Script

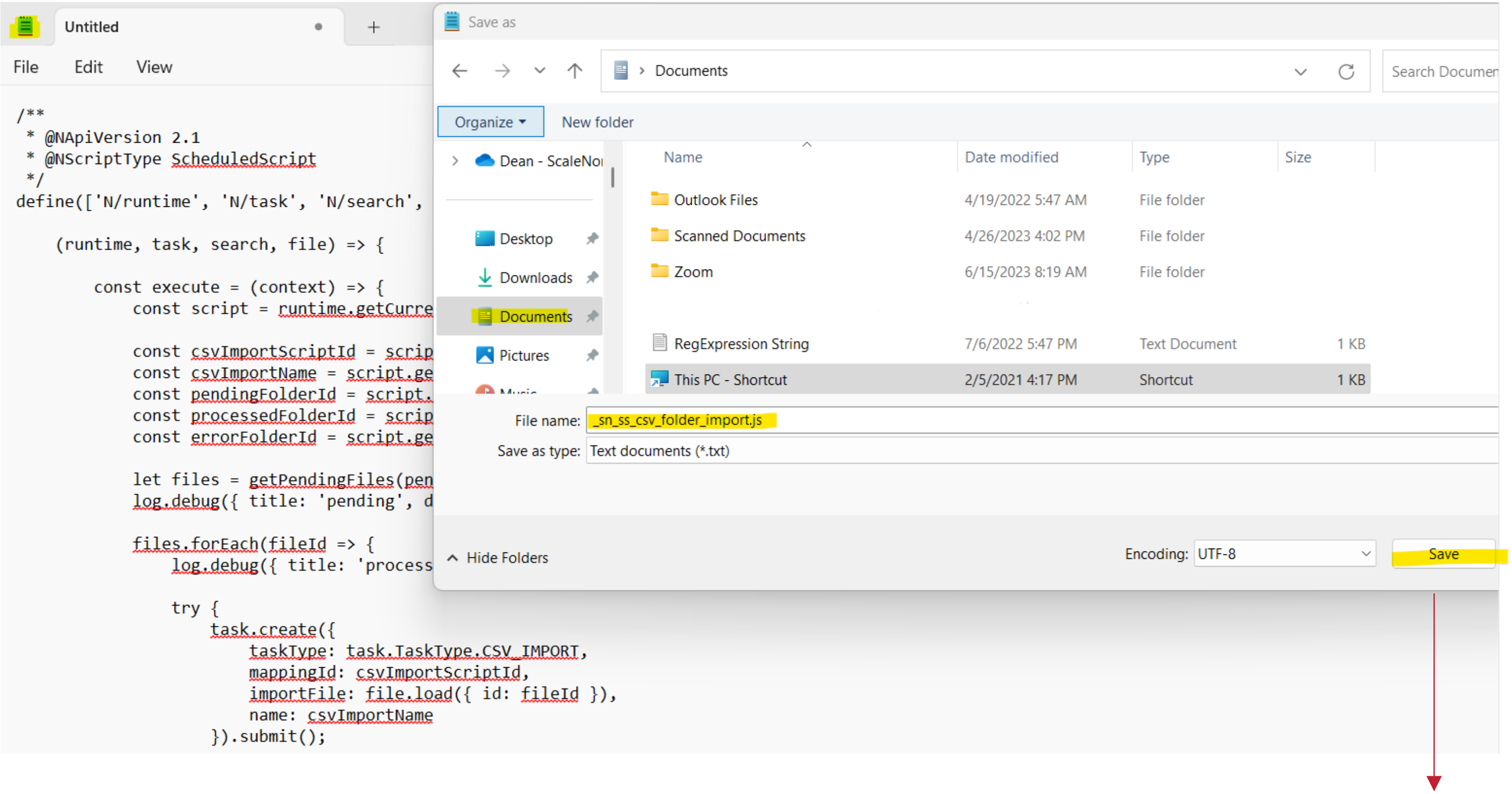
Create Folder and Saved CSV Import Scheduled Script

1. Note we already have the Code/Java Script that can be used noted below. What follows are the steps to copy and paste the code to notepad so can upload .js script file into NetSuite to create the Script

```
/**
 * @NApiVersion 2.1
 * @NScriptType ScheduledScript
 */
define(['N/runtime', 'N/task', 'N/search', 'N/file'],

  (runtime, task, search, file) => {

    const execute = (context) => {
      const script = runtime.getCurrentScript();

      const csvImportScriptId = script.getParameter({ name: 'custscript_sn_cfm_csv_import_id' });
      const csvImportName = script.getParameter({ name: 'custscript_sn_cfm_csv_task_name' });
      const pendingFolderId = script.getParameter({ name: 'custscript_sn_cfm_folder_pending' });
      const processedFolderId = script.getParameter({ name: 'custscript_sn_cfm_folder_processed' });
      const errorFolderId = script.getParameter({ name: 'custscript_sn_cfm_folder_error' });

      let files = getPendingFiles(pendingFolderId);
      log.debug({ title: 'pending', details: files });

      files.forEach(fileId => {
        log.debug({ title: 'processing', details: fileId });

        try {
          task.create({
            taskType: task.TaskType.CSV_IMPORT,
            mappingId: csvImportScriptId,
            importFile: file.load({ id: fileId }),
            name: csvImportName
          }).submit();

          moveFile(fileId, processedFolderId);
        } catch (e) {
          log.error({ title: csvImportScriptId, details: e });

          moveFile(fileId, errorFolderId);
        }
      });
    };

    const getPendingFiles = (folderId) => {
      let output = [];

      search.create({
        type: 'file',
        filters: [
          ['folder', search.Operator.ANYOF, folderId]
        ]
      }).run().each(r => {
        output.push(r.id);
        return true;
      });

      return output;
    };

    const moveFile = (fileId, toFolderId) => {
      const f = file.load({ id: fileId });
      f.folder = toFolderId;
      f.save();
    };

    return { execute };

  });
```

Create Folder and Saved CSV Import Scheduled Script-Continued

1. Copy and paste the code from the last slide to a blank notepad file
   - File Save as
     - _sn_ss_csv_folder_import.js
     - Creates a Java Script File



```
/**
 * @NApiVersion 2.1
 * @NScriptType ScheduledScript
 */
define(['N/runtime', 'N/task', 'N/search',

    (runtime, task, search, file) => {

        const execute = (context) => {
            const script = runtime.getCurre

            const csvImportScriptId = scrip
            const csvImportName = script.ge
            const pendingFolderId = script.
            const processedFolderId = scrip
            const errorFolderId = script.ge

            let files = getPendingFiles(pen
            log.debug({ title: 'pending', d

            files.forEach(fileId => {
                log.debug({ title: 'process

                try {
                    task.create({
                        taskType: task.TaskType.CSV_IMPORT,
                        mappingId: csvImportScriptId,
                        importFile: file.load({ id: fileId }),
                        name: csvImportName
                    }).submit();
```

Name	Date modified	Type	Size
Outlook Files	4/19/2022 5:47 AM	File folder	
Scanned Documents	4/26/2023 4:02 PM	File folder	
Zoom	6/15/2023 8:19 AM	File folder	
RegExpression String	7/6/2022 5:47 PM	Text Document	1 KB
This PC - Shortcut	2/5/2021 4:17 PM	Shortcut	1 KB

File name: _sn_ss_csv_folder_import.js

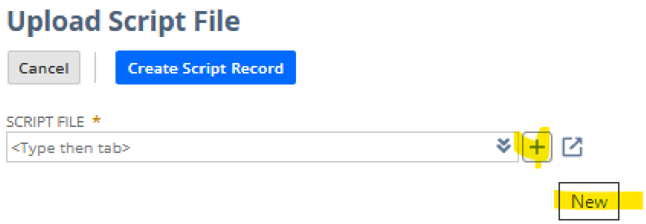
Save as type: Text documents (*.txt)

Encoding: UTF-8

_sn_ss_csv_folder_import 4/17/2025 10:34 PM JavaScript File

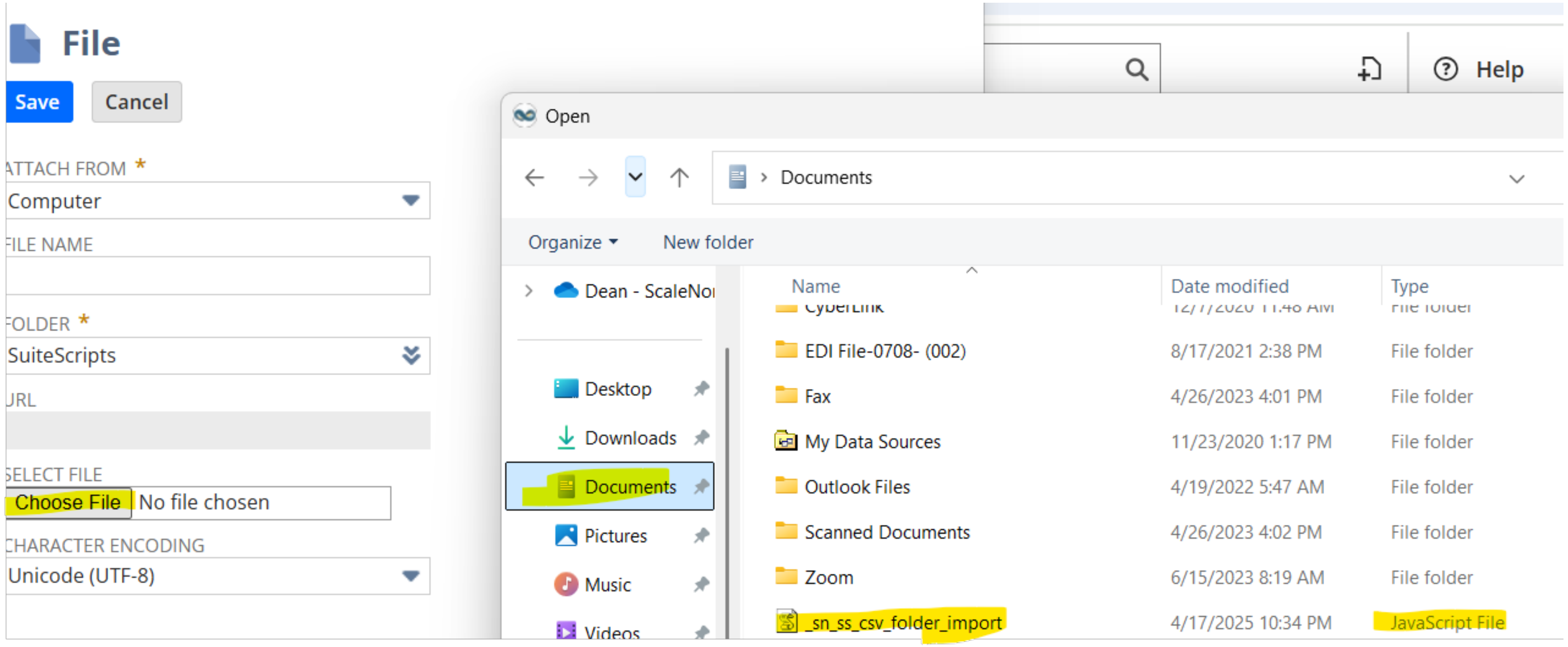
Create Folder and Saved CSV Import Scheduled Script-Continued

2. Create Folder and Saved CSV Import Scheduled Script in NetSuite
   - Navigate to Customization>Scripting>Scripts>New
   - Hit the + Sign to select java script file we just created and hit Save



Upload Script File

SCRIPT FILE *
<Type then tab>



File

ATTACH FROM *
Computer

FILE NAME

FOLDER *
SuiteScripts

URL

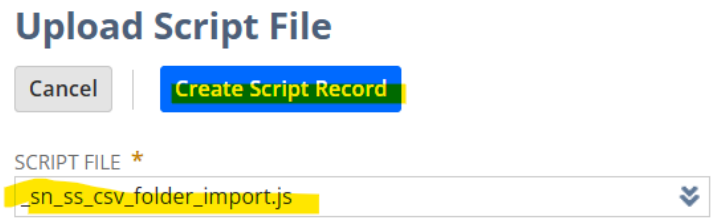
SELECT FILE
Choose File No file chosen

CHARACTER ENCODING
Unicode (UTF-8)

Name	Date modified	Type
CyberLink	12/7/2020 11:48 AM	File folder
EDI File-0708- (002)	8/17/2021 2:38 PM	File folder
Fax	4/26/2023 4:01 PM	File folder
My Data Sources	11/23/2020 1:17 PM	File folder
Outlook Files	4/19/2022 5:47 AM	File folder
Scanned Documents	4/26/2023 4:02 PM	File folder
Zoom	6/15/2023 8:19 AM	File folder
_sn_ss_csv_folder_import	4/17/2025 10:34 PM	JavaScript File

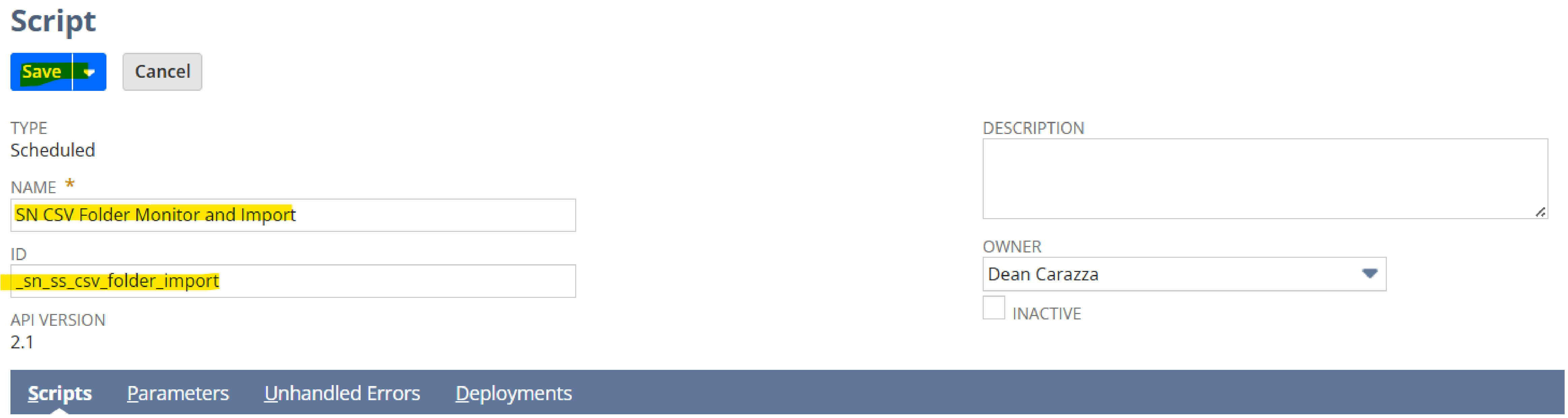
Create Folder and Saved CSV Import Scheduled Script-Continued

2. Once see Script File click on the Create Script Record Button



SCRIPT FILE *
_sn_ss_csv_folder_import.js

- Next can Name and Give ID to the script and Save the Script
  - Name = SN CSV Folder Monitor and Import
  - ID = _sn_ss_csv_folder_import



TYPE
Scheduled

NAME *
SN CSV Folder Monitor and Import

ID
_sn_ss_csv_folder_import

API VERSION
2.1

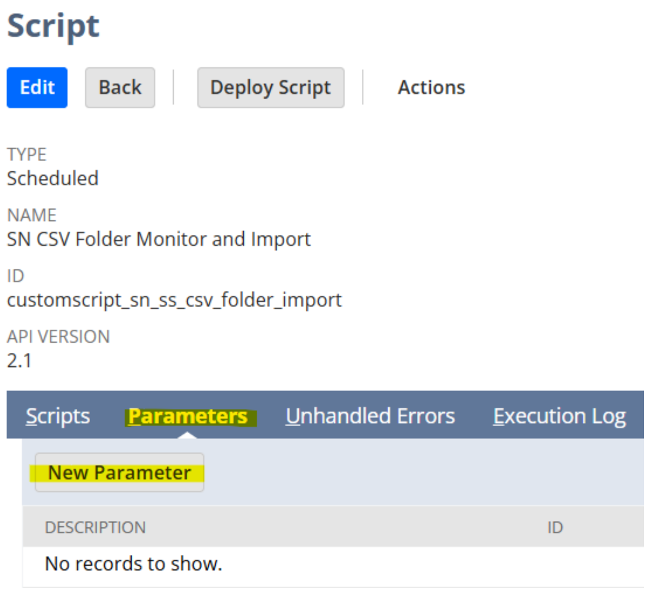
DESCRIPTION

OWNER
Dean Carazza

□ INACTIVE

Create Folder and Saved CSV Import Scheduled Script-Continued

3. Next we need to Create Script Parameter Fields that can map to the Parameters in the Java Script
   - Click on the Parameters Tab of the Script



TYPE
Scheduled

NAME
SN CSV Folder Monitor and Import

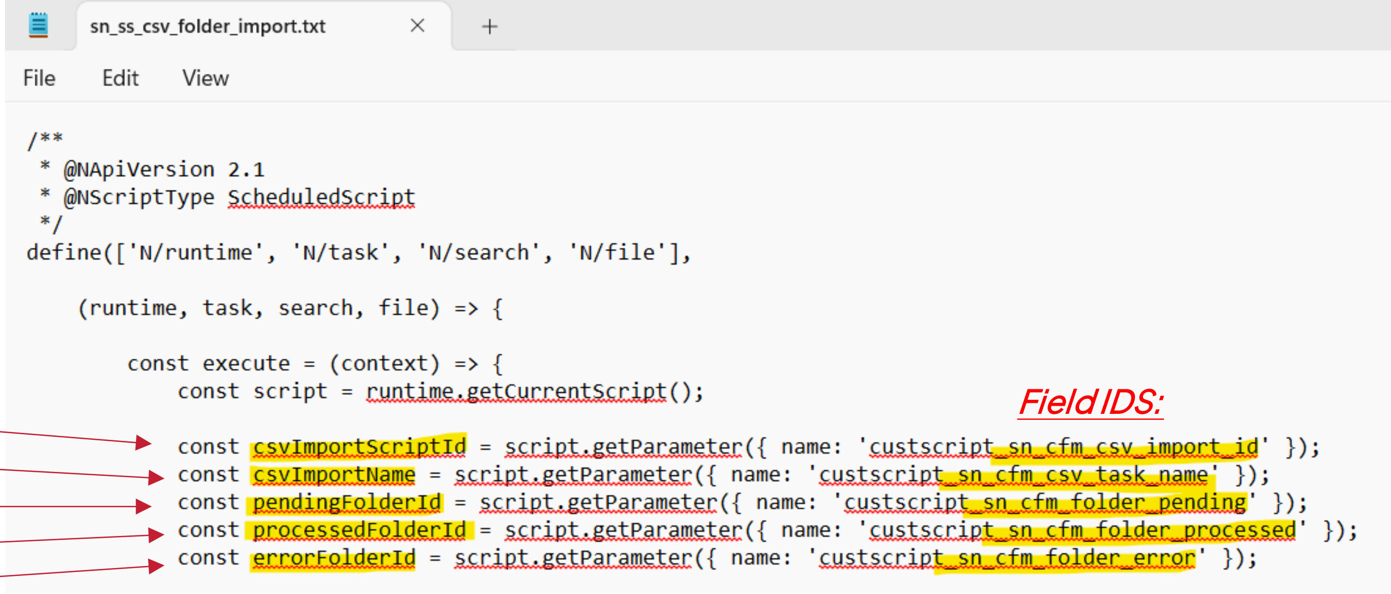
ID
customscript_sn_ss_csv_folder_import

API VERSION
2.1

DESCRIPTION	ID
No records to show.	

Create Folder and Saved CSV Import Scheduled Script-Continued

3. Next we need to Create Script Parameter Fields that can map to the Parameters in the Java Script
   - We need to add the following 5 parameter fields that can also see in the java script file if open back up with Notepad. Note we copy and paste the Parameter Name from the notepad file into the corresponding ID fields for the parameter fields we create below



```
/**
 * @NApiVersion 2.1
 * @NScriptType ScheduledScript
 */
define(['N/runtime', 'N/task', 'N/search', 'N/file'],

    (runtime, task, search, file) => {

        const execute = (context) => {
            const script = runtime.getCurrentScript();

            const csvImportScriptId = script.getParameter({ name: 'custscript_sn_cfm_csv_import_id' });
            const csvImportName = script.getParameter({ name: 'custscript_sn_cfm_csv_task_name' });
            const pendingFolderId = script.getParameter({ name: 'custscript_sn_cfm_folder_pending' });
            const processedFolderId = script.getParameter({ name: 'custscript_sn_cfm_folder_processed' });
            const errorFolderId = script.getParameter({ name: 'custscript_sn_cfm_folder_error' });
```

Field IDS:

Field Labels:

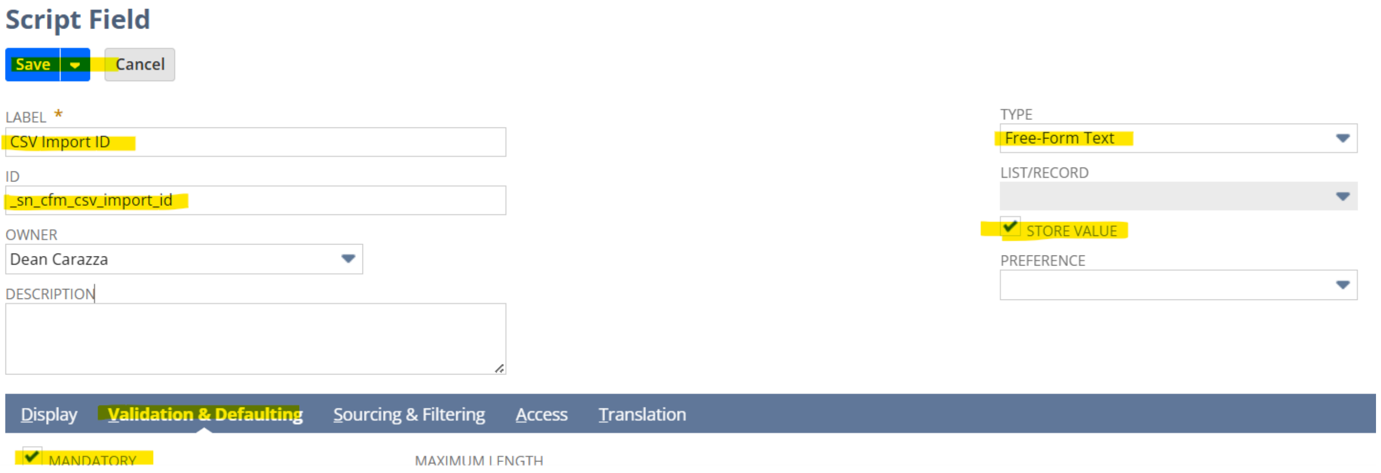
1. CSV Import ID
2. CSV Import Task Status Name
3. Pending Folder ID
4. Processed Folder ID
5. Error Folder ID

Create Folder and Saved CSV Import Scheduled Script-Continued

3. Next we need to Create Script Parameter Fields that can map to the Parameters in the Java Script

Field Labels:

1. CSV Import ID



Script Field

LABEL * CSV Import ID

ID _sn_cfm_csv_import_id

OWNER Dean Carazza

DESCRIPTION

TYPE Free-Form Text

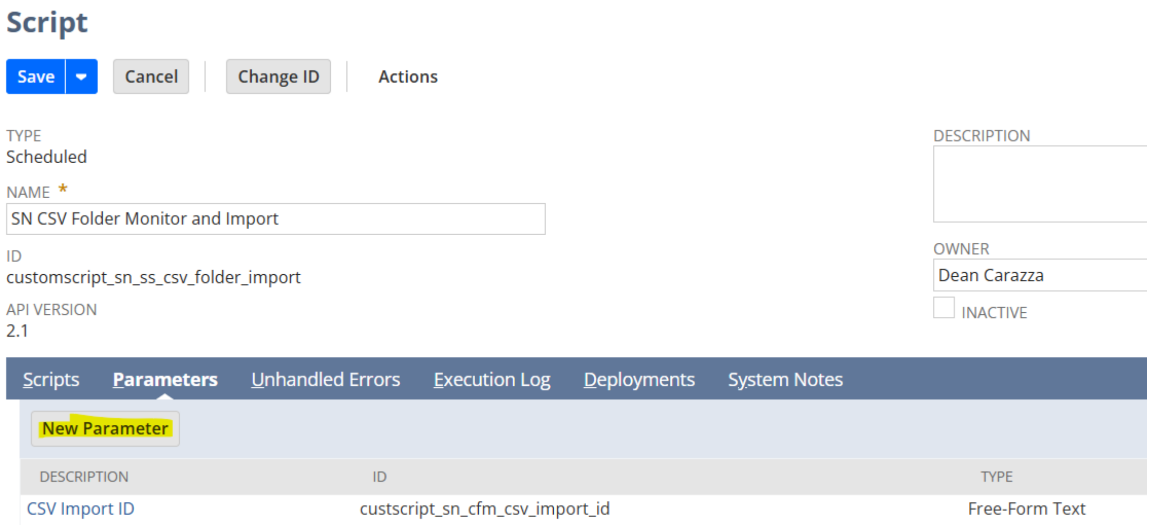
LIST/RECORD

☑ STORE VALUE

PREFERENCE

☑ MANDATORY

MAXIMUM LENGTH



Script

TYPE Scheduled

NAME * SN CSV Folder Monitor and Import

ID customscript_sn_ss_csv_folder_import

API VERSION 2.1

DESCRIPTION

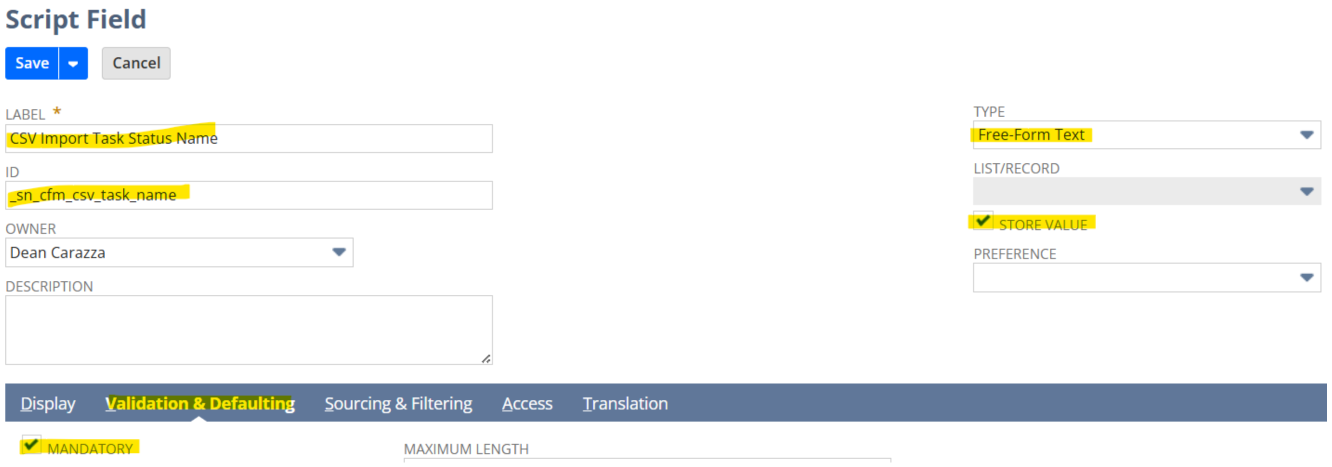
OWNER Dean Carazza

□ INACTIVE

DESCRIPTION	ID	TYPE
CSV Import ID	custscript_sn_cfm_csv_import_id	Free-Form Text

Create Folder and Saved CSV Import Scheduled Script-Continued

3. Next we need to Create Script Parameter Fields that can map to the Parameters in the Java Script Field Labels:
   2. CSV Import Task Status Name



Script Field

LABEL * CSV Import Task Status Name

ID _sn_cfm_csv_task_name

OWNER Dean Carazza

DESCRIPTION

TYPE Free-Form Text

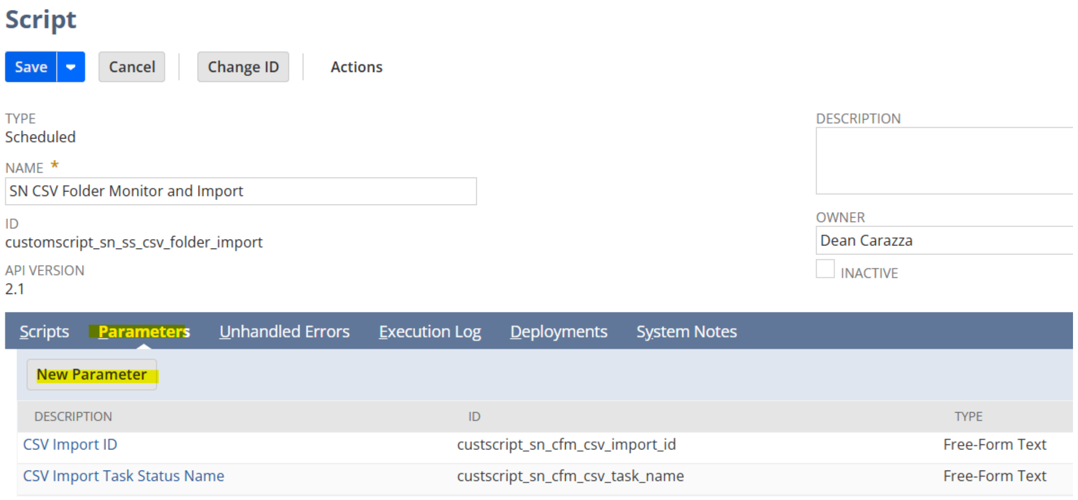
LIST/RECORD

☑ STORE VALUE

PREFERENCE

☑ MANDATORY

MAXIMUM LENGTH



Script

TYPE Scheduled

NAME * SN CSV Folder Monitor and Import

ID customscript_sn_ss_csv_folder_import

API VERSION 2.1

DESCRIPTION

OWNER Dean Carazza

□ INACTIVE

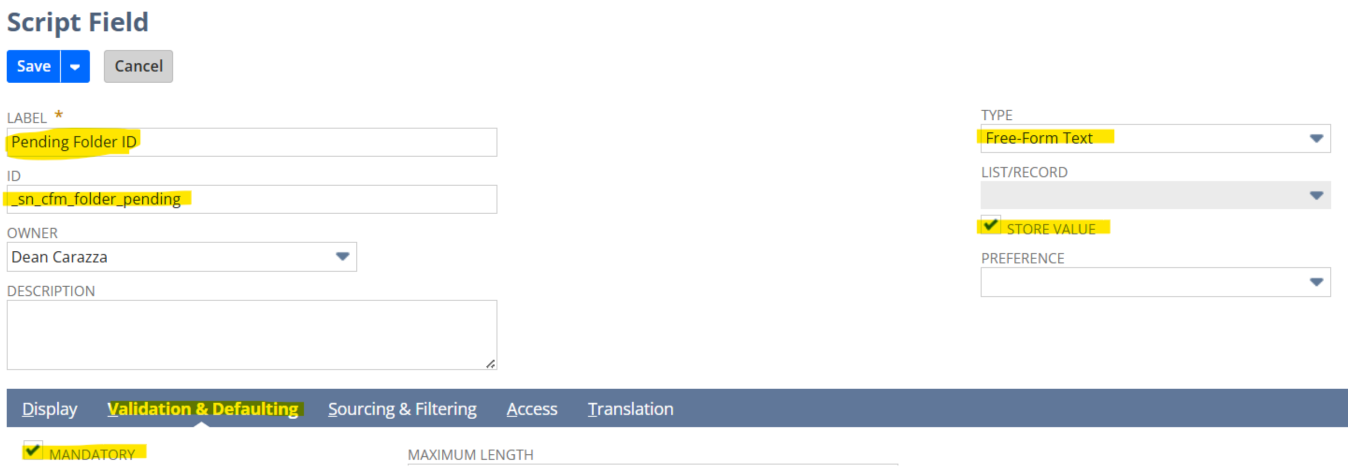
DESCRIPTION	ID	TYPE
CSV Import ID	custscript_sn_cfm_csv_import_id	Free-Form Text
CSV Import Task Status Name	custscript_sn_cfm_csv_task_name	Free-Form Text

Create Folder and Saved CSV Import Scheduled Script-Continued

3. Next we need to Create Script Parameter Fields that can map to the Parameters in the Java Script

   Field Labels:

   3. Pending Folder ID

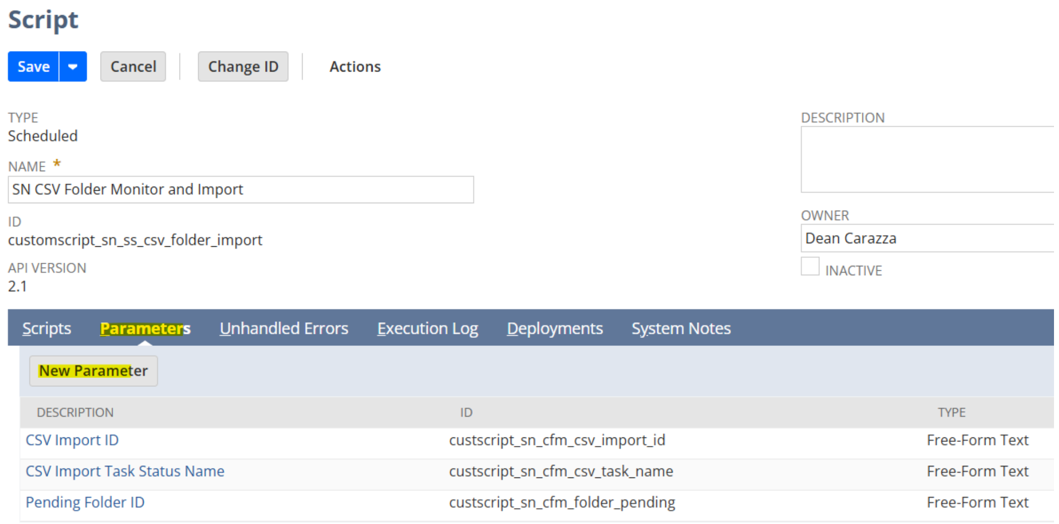


Script Field

LABEL *	Pending Folder ID
ID	_sn_cfm_folder_pending
OWNER	Dean Carazza
DESCRIPTION	
TYPE	Free-Form Text
LIST/RECORD	
☑ STORE VALUE	
PREFERENCE	

☑ MANDATORY

MAXIMUM LENGTH



Script

TYPE	Scheduled
NAME *	SN CSV Folder Monitor and Import
ID	customscript_sn_ss_csv_folder_import
API VERSION	2.1
DESCRIPTION	
OWNER	Dean Carazza
□ INACTIVE	

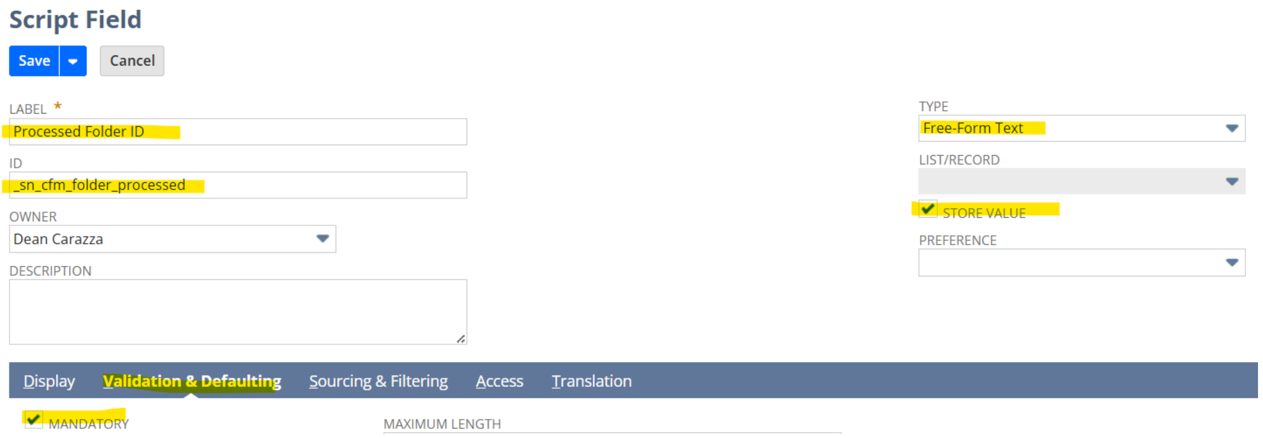
DESCRIPTION	ID	TYPE
CSV Import ID	custscript_sn_cfm_csv_import_id	Free-Form Text
CSV Import Task Status Name	custscript_sn_cfm_csv_task_name	Free-Form Text
Pending Folder ID	custscript_sn_cfm_folder_pending	Free-Form Text

Create Folder and Saved CSV Import Scheduled Script-Continued

3. Next we need to Create Script Parameter Fields that can map to the Parameters in the Java Script

Field Labels:

4. Processed Folder ID



Script Field

LABEL *
Processed Folder ID

ID
_sn_cfm_folder_processed

OWNER
Dean Carazza

DESCRIPTION

TYPE
Free-Form Text

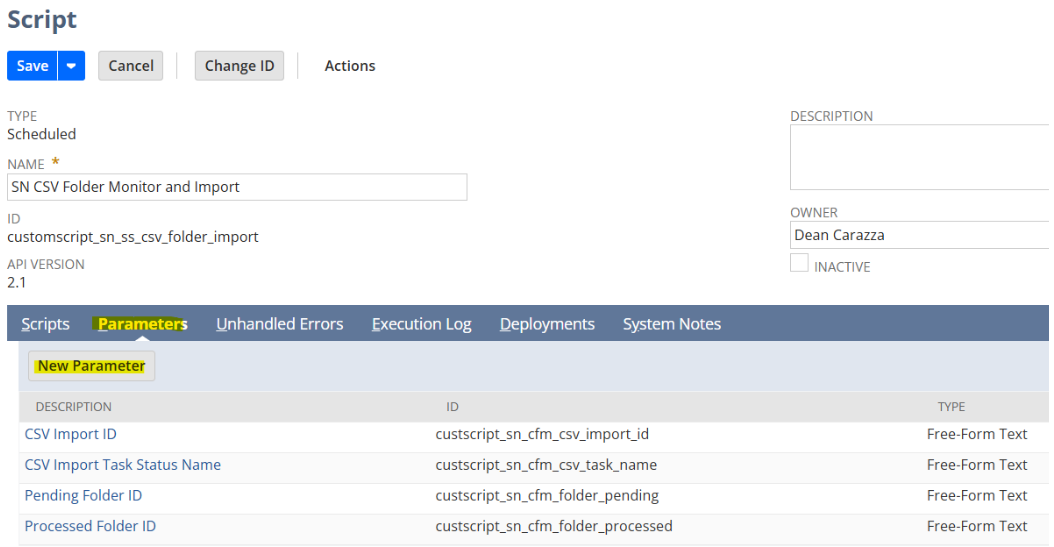
LIST/RECORD

☑ STORE VALUE

PREFERENCE

☑ MANDATORY

MAXIMUM LENGTH



Script

TYPE
Scheduled

NAME *
SN CSV Folder Monitor and Import

ID
customscript_sn_ss_csv_folder_import

API VERSION
2.1

DESCRIPTION

OWNER
Dean Carazza

□ INACTIVE

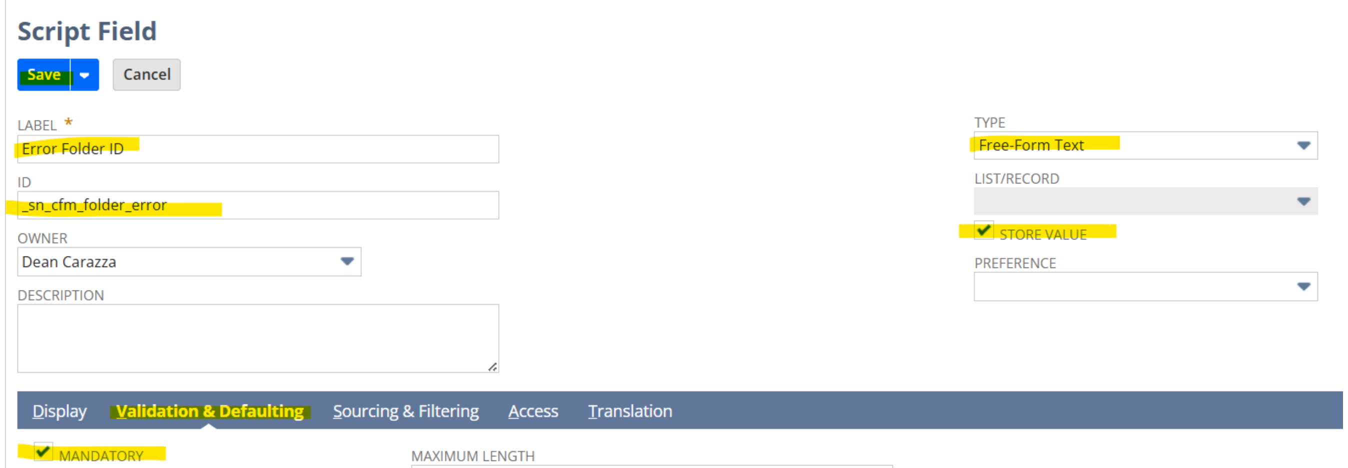
DESCRIPTION	ID	TYPE
CSV Import ID	custscript_sn_cfm_csv_import_id	Free-Form Text
CSV Import Task Status Name	custscript_sn_cfm_csv_task_name	Free-Form Text
Pending Folder ID	custscript_sn_cfm_folder_pending	Free-Form Text
Processed Folder ID	custscript_sn_cfm_folder_processed	Free-Form Text

Create Folder and Saved CSV Import Scheduled Script-Continued

3. Next we need to Create Script Parameter Fields that can map to the Parameters in the Java Script

Field Labels:

5. Error Folder ID

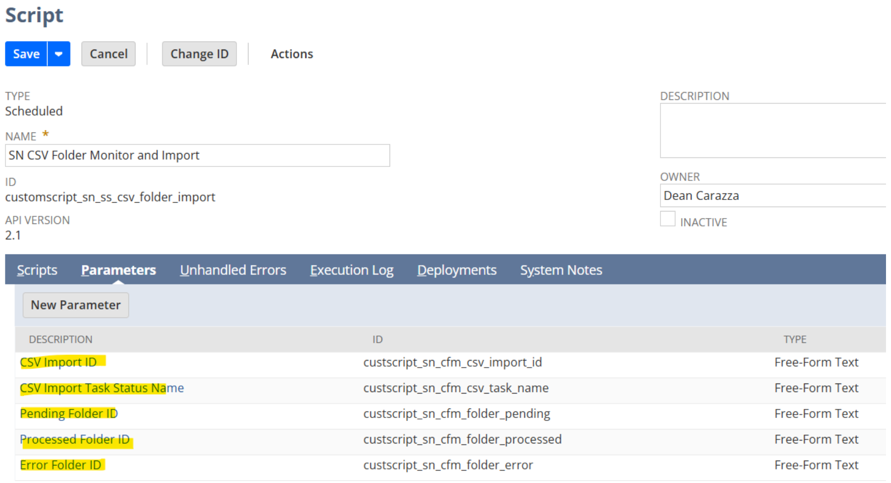


Script Field

LABEL *	Error Folder ID
ID	_sn_cfm_folder_error
OWNER	Dean Carazza
DESCRIPTION	
TYPE	Free-Form Text
LIST/RECORD	
☑ STORE VALUE	
PREFERENCE	

☑ MANDATORY

MAXIMUM LENGTH



Script

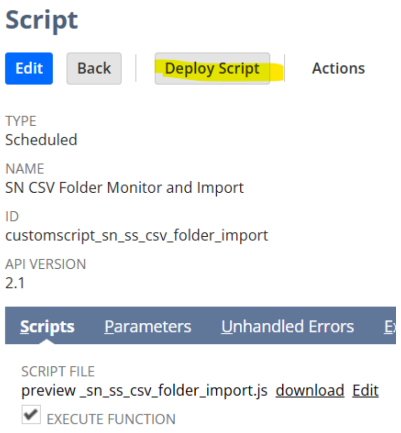
TYPE	Scheduled
NAME *	SN CSV Folder Monitor and Import
ID	customscript_sn_ss_csv_folder_import
API VERSION	2.1
DESCRIPTION	
OWNER	Dean Carazza
□ INACTIVE	

DESCRIPTION	ID	TYPE
CSV Import ID	custscript_sn_cfm_csv_import_id	Free-Form Text
CSV Import Task Status Name	custscript_sn_cfm_csv_task_name	Free-Form Text
Pending Folder ID	custscript_sn_cfm_folder_pending	Free-Form Text
Processed Folder ID	custscript_sn_cfm_folder_processed	Free-Form Text
Error Folder ID	custscript_sn_cfm_folder_error	Free-Form Text

- Save the Script Record

Create Folder and Saved CSV Import Scheduled Script-Continued

4. Next we need to create the Script Deployment and now that we have our fields we can plug in the actual values to complete the mapping and script deployment
   - Click the Deploy Script Button



Script

TYPE
Scheduled

NAME
SN CSV Folder Monitor and Import

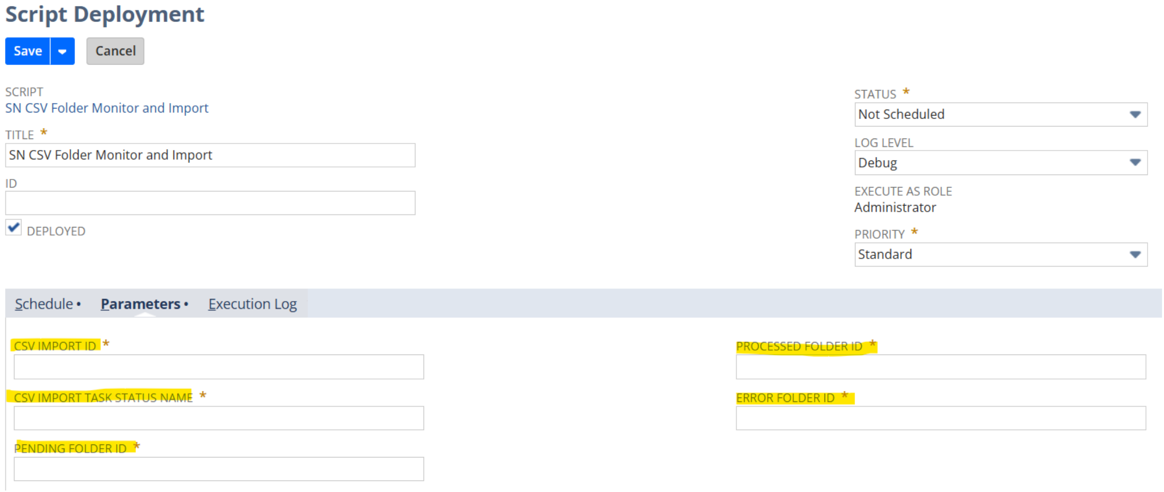
ID
customscript_sn_ss_csv_folder_import

API VERSION
2.1

SCRIPT FILE
preview _sn_ss_csv_folder_import.js download Edit

☑ EXECUTE FUNCTION

   - Go to the parameters tab. Can now see our fields that we have to populate with the actual values.



Script Deployment

SCRIPT
SN CSV Folder Monitor and Import

TITLE *
SN CSV Folder Monitor and Import

ID

☑ DEPLOYED

STATUS *
Not Scheduled

LOG LEVEL
Debug

EXECUTE AS ROLE
Administrator

PRIORITY *
Standard

CSV IMPORT ID *

CSV IMPORT TASK STATUS NAME *

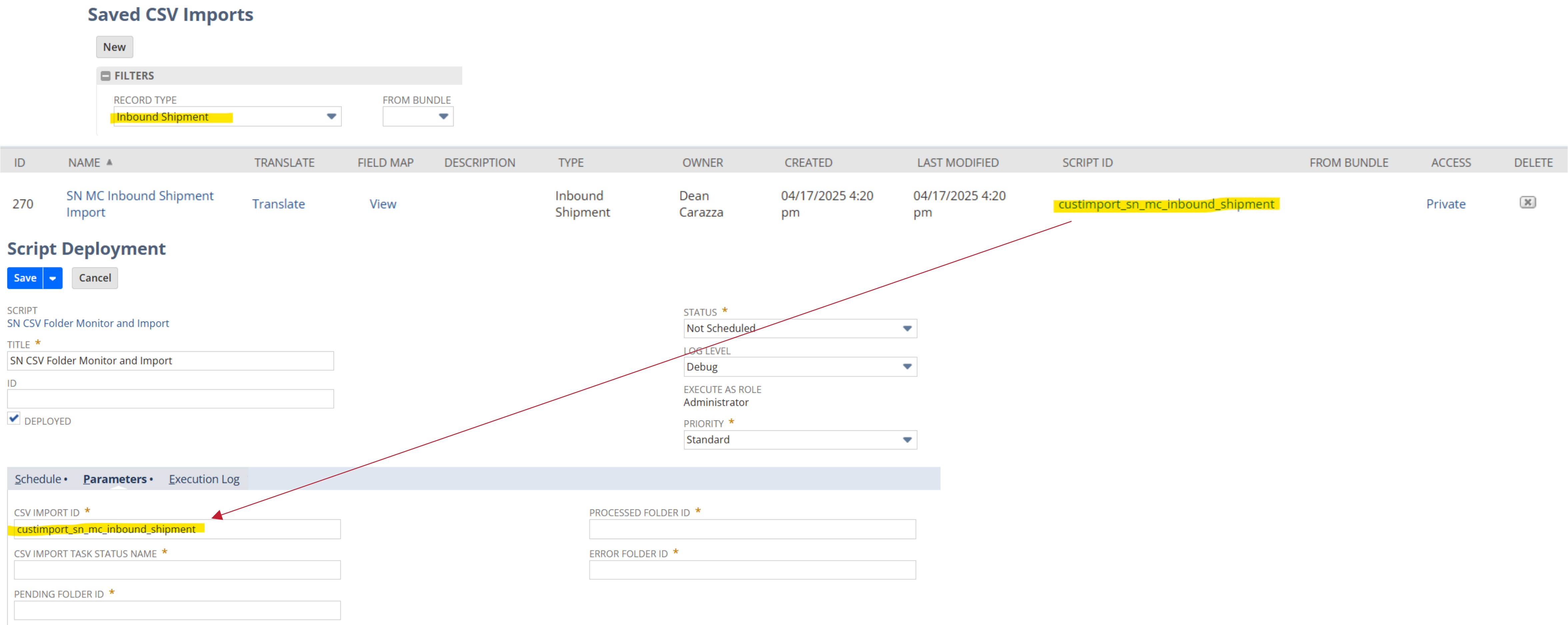
PENDING FOLDER ID *

PROCESSED FOLDER ID *

ERROR FOLDER ID *

Create Folder and Saved CSV Import Scheduled Script-Continued

4. Next we need to create the Script Deployment and now that we have our fields we can plug in the actual values to complete the mapping and script deployment
   - CSV Import ID *
     - This should be the Script ID from our Saved CSV Import Template we created for Inbound Shipments
       - Navigate to Setup>Import/Export>Saved CSV Imports
       - Filter for Record Type = Inbound Shipment



Saved CSV Imports

New

FILTERS

RECORD TYPE: Inbound Shipment

FROM BUNDLE:

ID	NAME ▲	TRANSLATE	FIELD MAP	DESCRIPTION	TYPE	OWNER	CREATED	LAST MODIFIED	SCRIPT ID	FROM BUNDLE	ACCESS	DELETE
270	SN MC Inbound Shipment Import	Translate	View		Inbound Shipment	Dean Carazza	04/17/2025 4:20 pm	04/17/2025 4:20 pm	custimport_sn_mc_inbound_shipment		Private	☒

Script Deployment

Save | Cancel

SCRIPT: SN CSV Folder Monitor and Import

TITLE *: SN CSV Folder Monitor and Import

ID:

☑ DEPLOYED

STATUS *: Not Scheduled

LOG LEVEL: Debug

EXECUTE AS ROLE: Administrator

PRIORITY *: Standard

Schedule • | Parameters • | Execution Log

CSV IMPORT ID *: custimport_sn_mc_inbound_shipment

CSV IMPORT TASK STATUS NAME *:

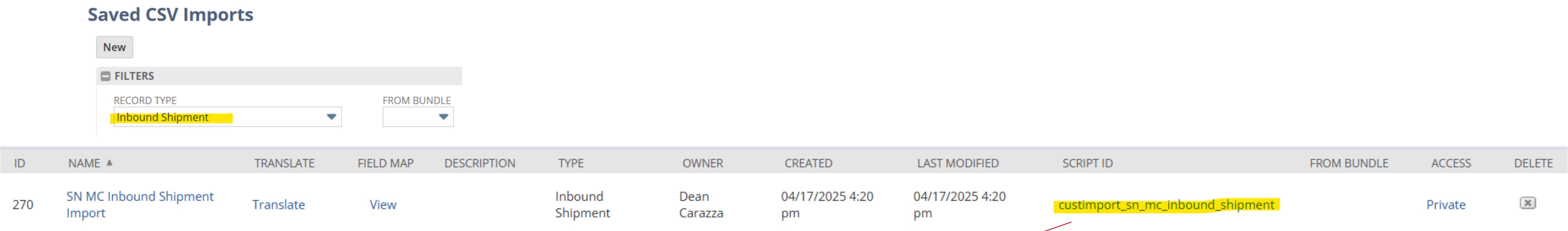
PENDING FOLDER ID *:

PROCESSED FOLDER ID *:

ERROR FOLDER ID *:

Create Folder and Saved CSV Import Scheduled Script-Continued

4. Next we need to create the Script Deployment and now that we have our fields we can plug in the actual values to complete the mapping and script deployment
   - CSV Import ID *
     - This should be the Script ID from our Saved CSV Import Template we created for Inbound Shipments
       - Navigate to Setup>Import/Export>Saved CSV Imports
       - Filter for Record Type = Inbound Shipment

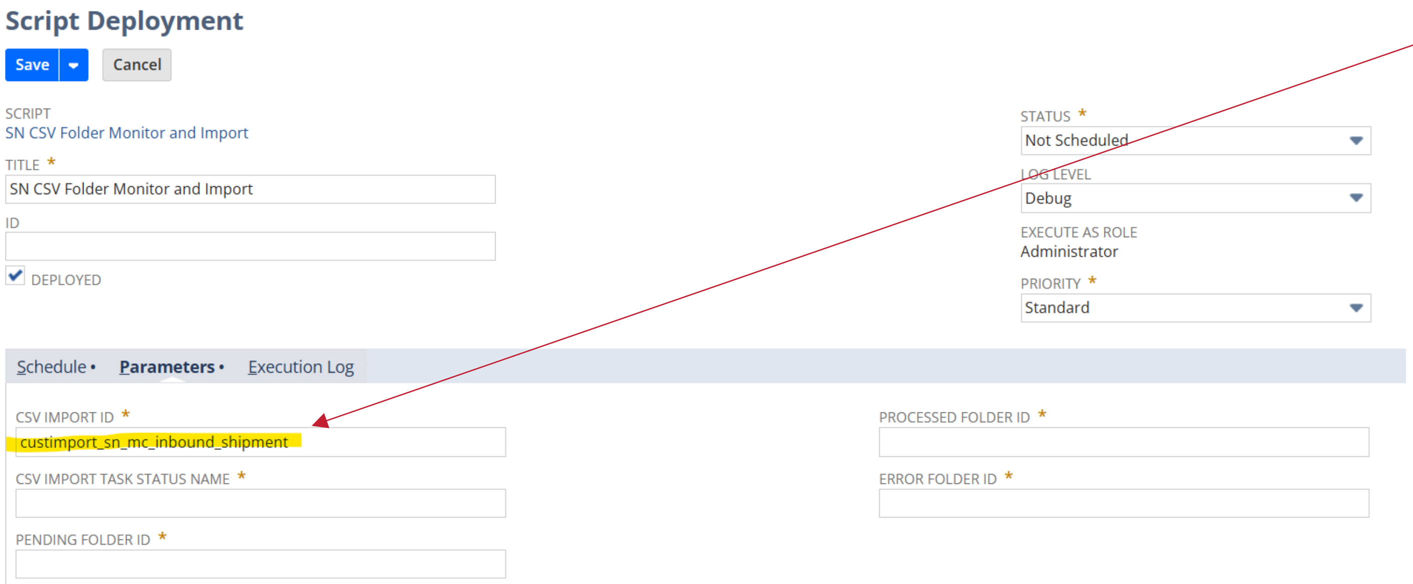


Saved CSV Imports

RECORD TYPE: Inbound Shipment

FROM BUNDLE:

ID	NAME ▲	TRANSLATE	FIELD MAP	DESCRIPTION	TYPE	OWNER	CREATED	LAST MODIFIED	SCRIPT ID	FROM BUNDLE	ACCESS	DELETE
270	SN MC Inbound Shipment Import	Translate	View		Inbound Shipment	Dean Carazza	04/17/2025 4:20 pm	04/17/2025 4:20 pm	custimport_sn_mc_inbound_shipment		Private	☒



Script Deployment

SCRIPT: SN CSV Folder Monitor and Import

TITLE *: SN CSV Folder Monitor and Import

ID:

☑ DEPLOYED

STATUS *: Not Scheduled

LOG LEVEL: Debug

EXECUTE AS ROLE: Administrator

PRIORITY *: Standard

CSV IMPORT ID *: custimport_sn_mc_inbound_shipment

CSV IMPORT TASK STATUS NAME *:

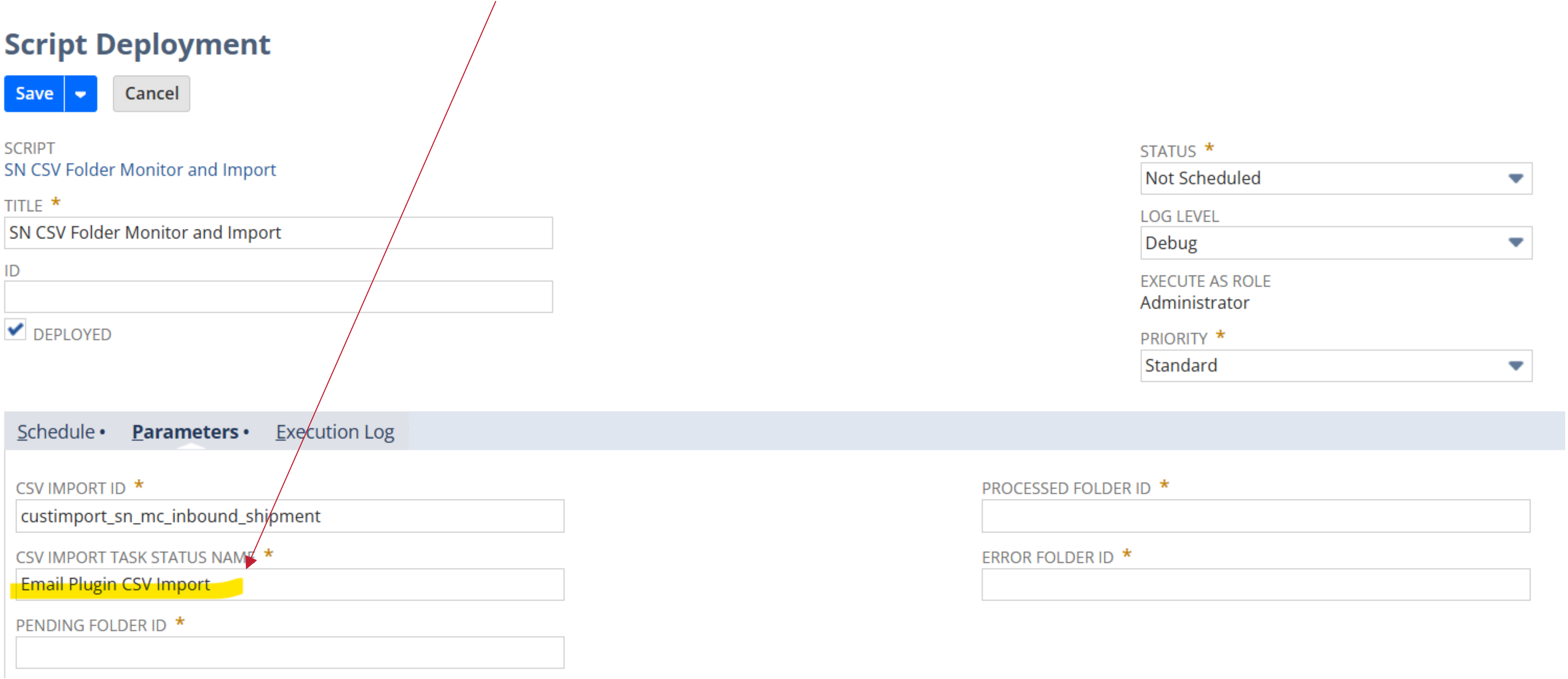
PENDING FOLDER ID *:

PROCESSED FOLDER ID *:

ERROR FOLDER ID *:

Create Folder and Saved CSV Import Scheduled Script-Continued

4. Next we need to create the Script Deployment and now that we have our fields we can plug in the actual values to complete the mapping and script deployment
   - CSV Import Task Status Name*
     - We can name this whatever we want to show as the job name in the View CSV Import Status Page
     - We named it = Email Plugin CSV Import



Script Deployment

SCRIPT
SN CSV Folder Monitor and Import

TITLE *
SN CSV Folder Monitor and Import

ID

☑ DEPLOYED

STATUS *
Not Scheduled

LOG LEVEL
Debug

EXECUTE AS ROLE
Administrator

PRIORITY *
Standard

CSV IMPORT ID *
custimport_sn_mc_inbound_shipment

CSV IMPORT TASK STATUS NAME *
Email Plugin CSV Import

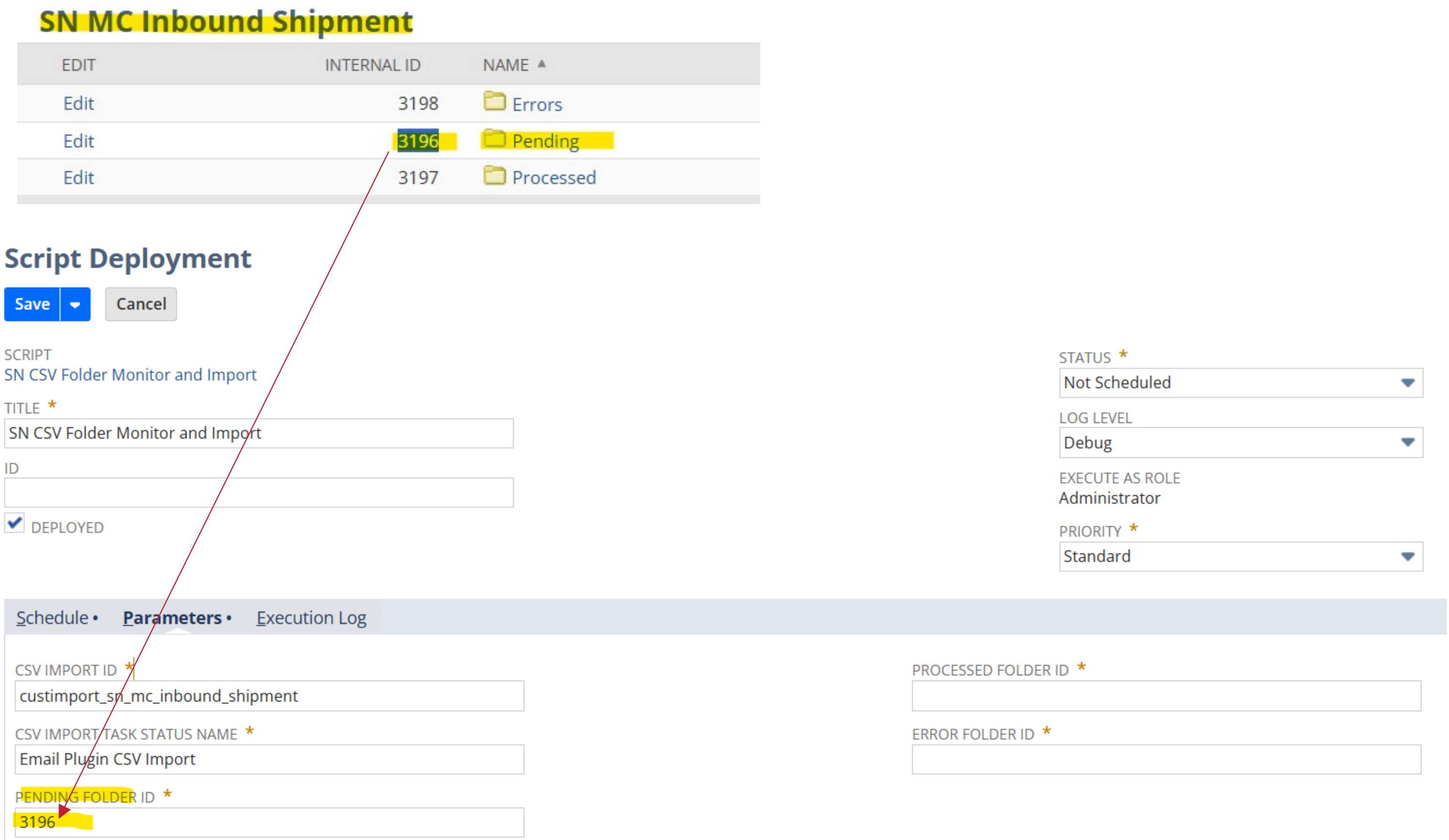
PENDING FOLDER ID *

PROCESSED FOLDER ID *

ERROR FOLDER ID *

Create Folder and Saved CSV Import Scheduled Script-Continued

4. Next we need to create the Script Deployment and now that we have our fields we can plug in the actual values to complete the mapping and script deployment
   - Pending Folder ID*
     - Take Internal ID of the Pending Folder in the NetSuite File Cabinet



SN MC Inbound Shipment

EDIT	INTERNAL ID	NAME ▲
Edit	3198	Errors
Edit	3196	Pending
Edit	3197	Processed

Script Deployment

SCRIPT
SN CSV Folder Monitor and Import

TITLE *
SN CSV Folder Monitor and Import

ID

☑ DEPLOYED

STATUS *
Not Scheduled

LOG LEVEL
Debug

EXECUTE AS ROLE
Administrator

PRIORITY *
Standard

CSV IMPORT ID *
custimport_sn_mc_inbound_shipment

CSV IMPORT TASK STATUS NAME *
Email Plugin CSV Import

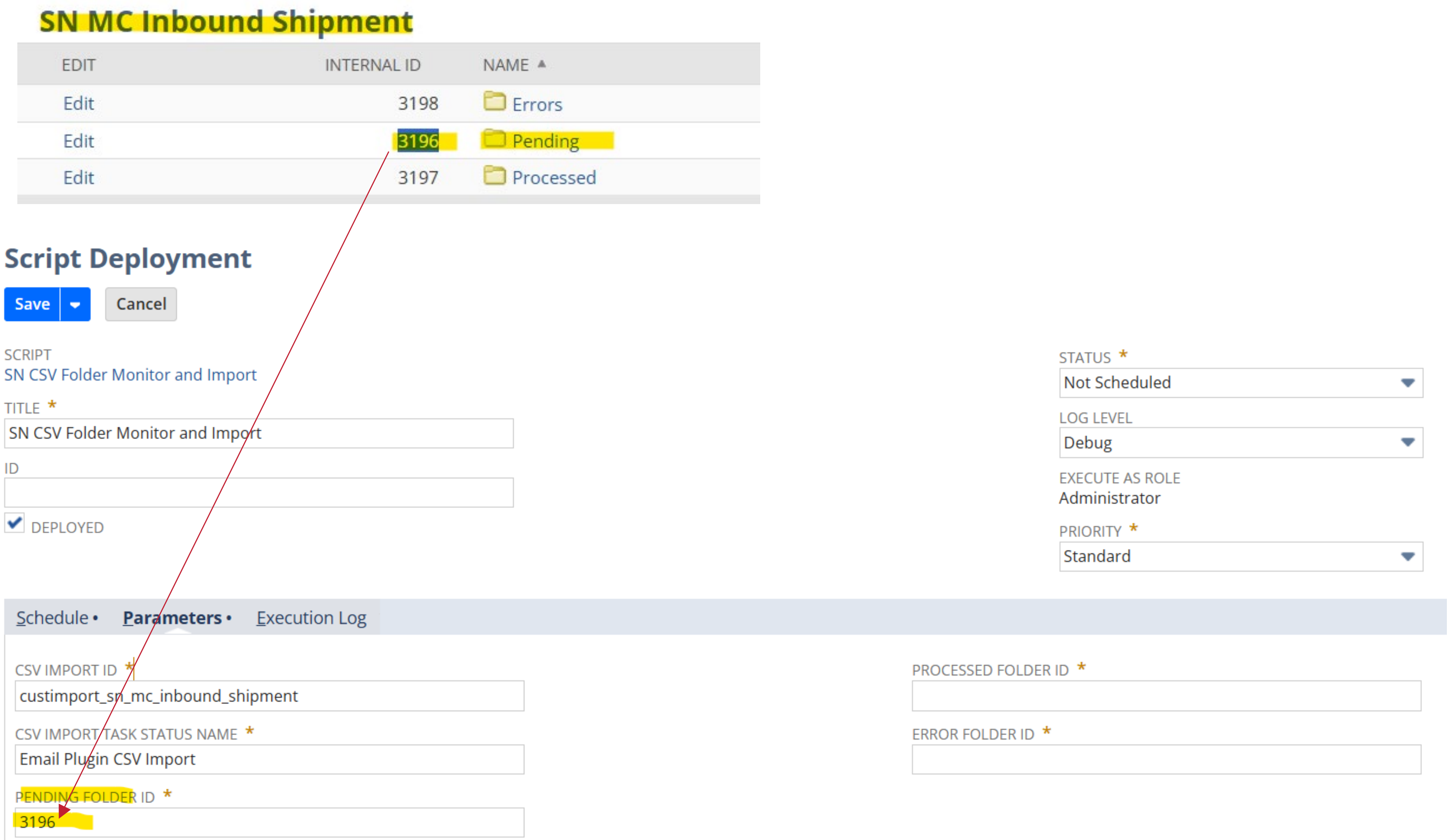
PENDING FOLDER ID *
3196

PROCESSED FOLDER ID *

ERROR FOLDER ID *

Create Folder and Saved CSV Import Scheduled Script-Continued

4. Next we need to create the Script Deployment and now that we have our fields we can plug in the actual values to complete the mapping and script deployment
   - Pending Folder ID*
     - Take Internal ID of the Pending Folder in the NetSuite File Cabinet



SN MC Inbound Shipment

EDIT	INTERNAL ID	NAME ▲
Edit	3198	Errors
Edit	3196	Pending
Edit	3197	Processed

Script Deployment

SCRIPT
SN CSV Folder Monitor and Import

TITLE *
SN CSV Folder Monitor and Import

ID

☑ DEPLOYED

STATUS *
Not Scheduled

LOG LEVEL
Debug

EXECUTE AS ROLE
Administrator

PRIORITY *
Standard

CSV IMPORT ID *
custimport_sn_mc_inbound_shipment

CSV IMPORT TASK STATUS NAME *
Email Plugin CSV Import

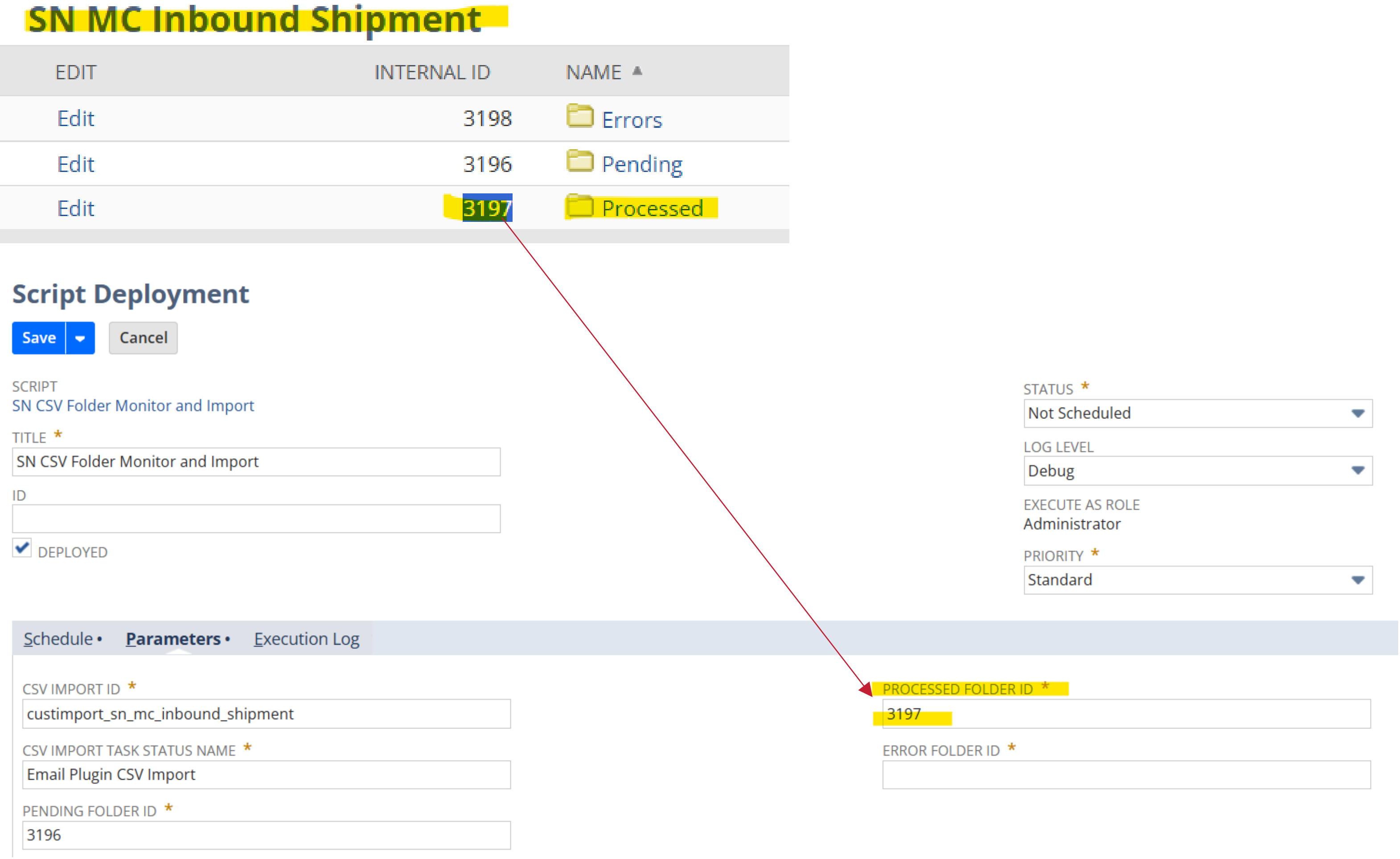
PENDING FOLDER ID *
3196

PROCESSED FOLDER ID *

ERROR FOLDER ID *

Create Folder and Saved CSV Import Scheduled Script-Continued

4. Next we need to create the Script Deployment and now that we have our fields we can plug in the actual values to complete the mapping and script deployment
   - Processed Folder ID*
     - Take Internal ID of the Processed Folder in the NetSuite File Cabinet



SN MC Inbound Shipment

EDIT	INTERNAL ID	NAME ▲
Edit	3198	Errors
Edit	3196	Pending
Edit	3197	Processed

Script Deployment

SCRIPT
SN CSV Folder Monitor and Import

TITLE *
SN CSV Folder Monitor and Import

ID

☑ DEPLOYED

STATUS *
Not Scheduled

LOG LEVEL
Debug

EXECUTE AS ROLE
Administrator

PRIORITY *
Standard

CSV IMPORT ID *
custimport_sn_mc_inbound_shipment

CSV IMPORT TASK STATUS NAME *
Email Plugin CSV Import

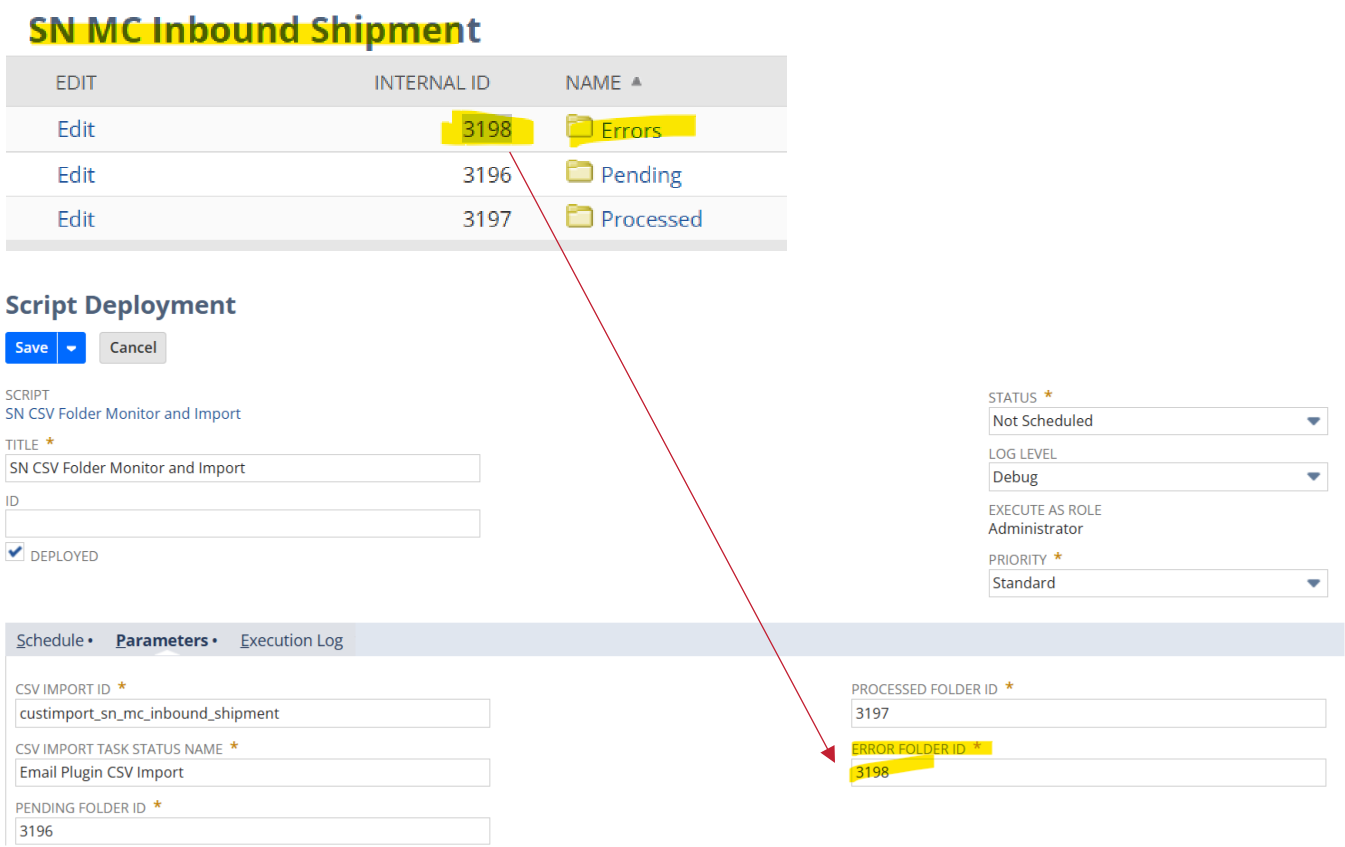
PENDING FOLDER ID *
3196

PROCESSED FOLDER ID *
3197

ERROR FOLDER ID *

Create Folder and Saved CSV Import Scheduled Script-Continued

4. Next we need to create the Script Deployment and now that we have our fields we can plug in the actual values to complete the mapping and script deployment
   - Error Folder ID*
     - Take Internal ID of the Error Folder in the NetSuite File Cabinet



SN MC Inbound Shipment

EDIT	INTERNAL ID	NAME ▲
Edit	3198	Errors
Edit	3196	Pending
Edit	3197	Processed

Script Deployment

SCRIPT
SN CSV Folder Monitor and Import

TITLE *
SN CSV Folder Monitor and Import

ID

☑ DEPLOYED

STATUS *
Not Scheduled

LOG LEVEL
Debug

EXECUTE AS ROLE
Administrator

PRIORITY *
Standard

CSV IMPORT ID *
custimport_sn_mc_inbound_shipment

CSV IMPORT TASK STATUS NAME *
Email Plugin CSV Import

PENDING FOLDER ID *
3196

PROCESSED FOLDER ID *
3197

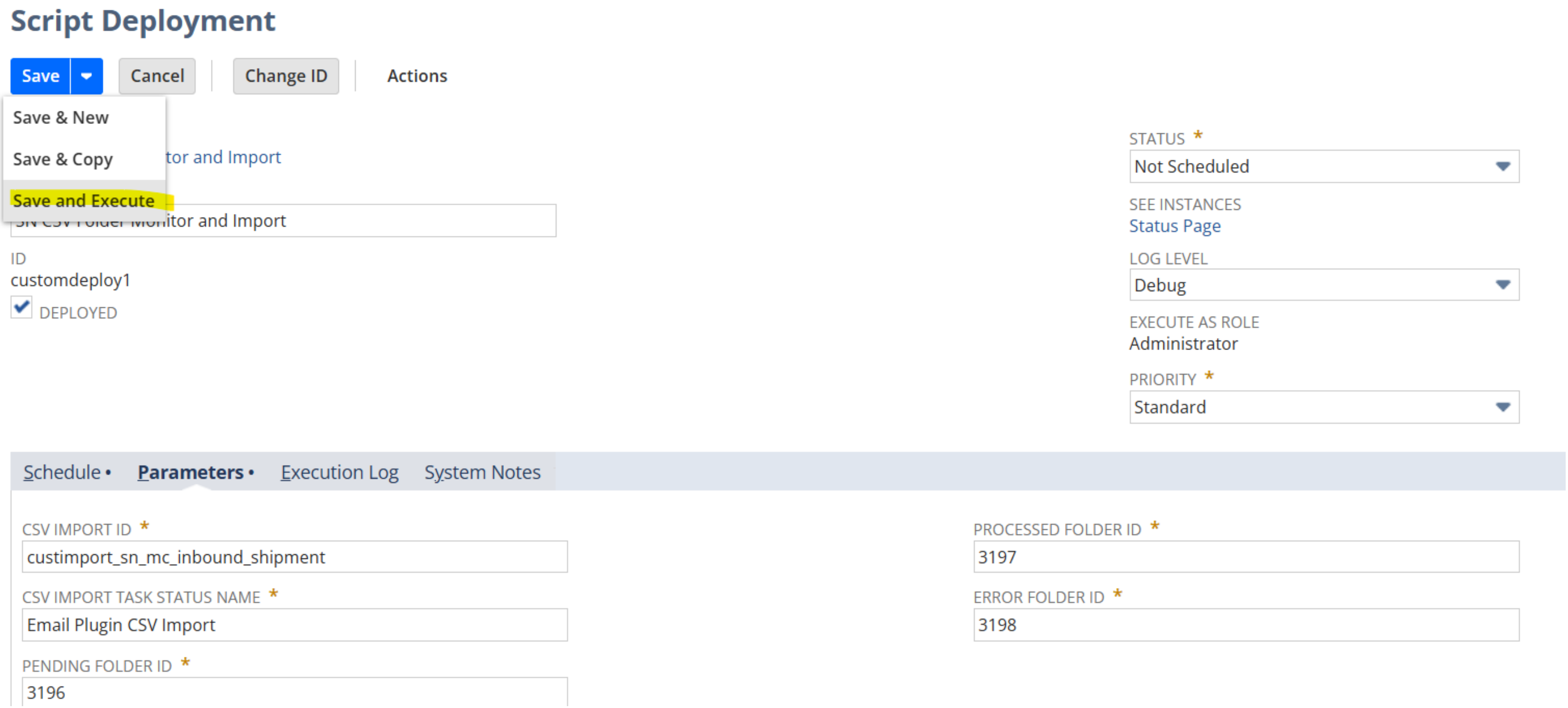
ERROR FOLDER ID *
3198

   - Save and Execute The Deployment

Testing The Solution

Testing the Solution

1. Testing the Solution
   - Now that we have completed our configuration and development tasks. We can try testing the solution. To test our process we Open/Edit and save and execute the SN CSV Folder Monitor and Import Script
   - Expectation is that after saving and executing the Script we expect the following:
     - Takes CSV file from the Pending Folder
     - Runs Saved CSV Import Template for Inbound Shipments to create Inbound Shipment
     - Moves the csv file from the pending folder to the processed folder



tor and Import

nitor and Import

ID
customdeploy1

☑ DEPLOYED

STATUS *
Not Scheduled

SEE INSTANCES
Status Page

LOG LEVEL
Debug

EXECUTE AS ROLE
Administrator

PRIORITY *
Standard

CSV IMPORT ID *
custimport_sn_mc_inbound_shipment

CSV IMPORT TASK STATUS NAME *
Email Plugin CSV Import

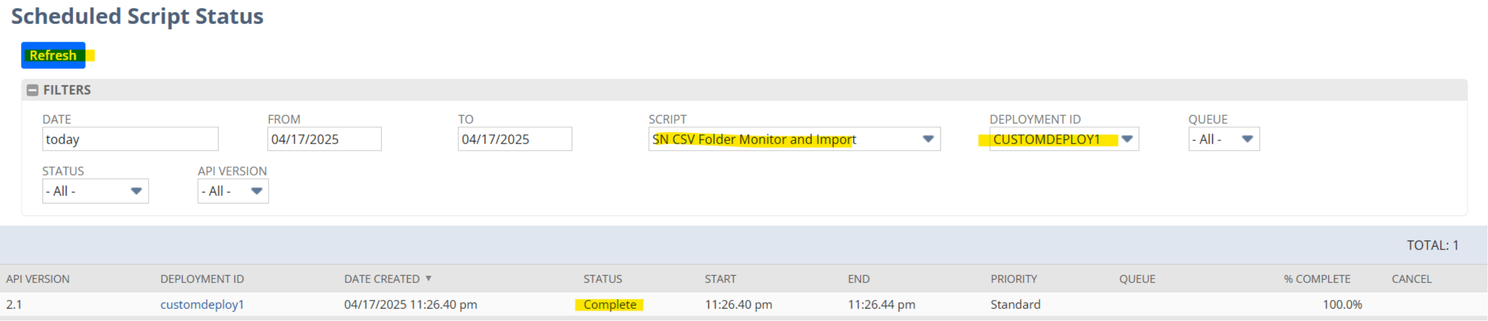
PENDING FOLDER ID *
3196

PROCESSED FOLDER ID *
3197

ERROR FOLDER ID *
3198

Testing the Solution

1. Testing the Solution
   - After hitting save and execute it will take you to the Scheduled Script Status Page for that Script and that deployment. Hit the Refresh Button until the status = Complete



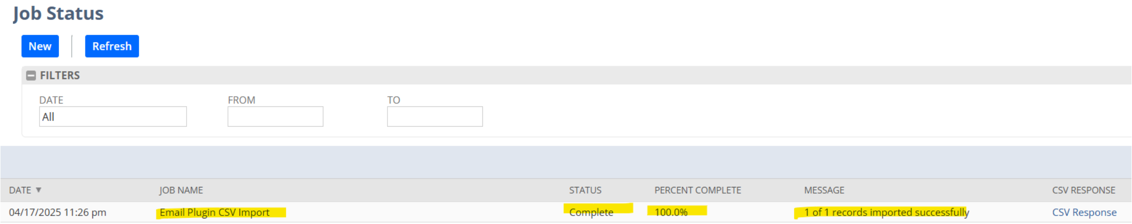
Scheduled Script Status

DATE	FROM	TO	SCRIPT	DEPLOYMENT ID	QUEUE
today	04/17/2025	04/17/2025	SN CSV Folder Monitor and Import	CUSTOMDEPLOY1	- All -
STATUS	API VERSION				
- All -	- All -				

TOTAL: 1

API VERSION	DEPLOYMENT ID	DATE CREATED ▼	STATUS	START	END	PRIORITY	QUEUE	% COMPLETE	CANCEL
2.1	customdeploy1	04/17/2025 11:26.40 pm	Complete	11:26.40 pm	11:26.44 pm	Standard		100.0%	

   - Once status is complete should have created Inbound Shipment
     - Can navigate to Setup>Import/Export>View CSV Import Status

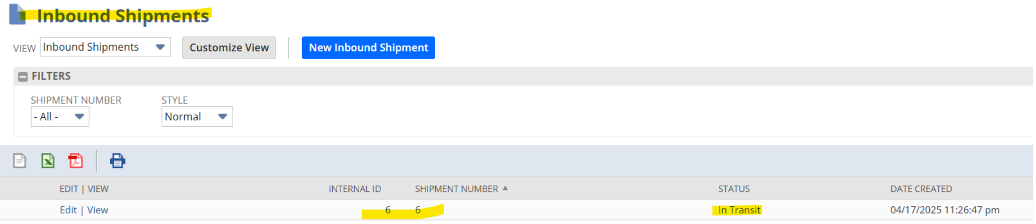


Job Status

DATE	FROM	TO
All		

DATE ▼	JOB NAME	STATUS	PERCENT COMPLETE	MESSAGE	CSV RESPONSE
04/17/2025 11:26 pm	Email Plugin CSV Import	Complete	100.0%	1 of 1 records imported successfully	CSV Response

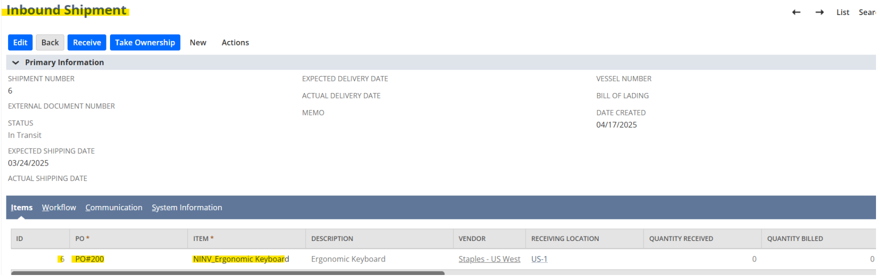
     - Can See Inbound Shipment Created navigate to transactions>purchases>Create Inbound Shipment>List



Inbound Shipments

SHIPMENT NUMBER	STYLE
- All -	Normal

EDIT | VIEW	INTERNAL ID	SHIPMENT NUMBER ▲	STATUS	DATE CREATED
Edit | View	6	6	In Transit	04/17/2025 11:26:47 pm



Inbound Shipment

SHIPMENT NUMBER
6

EXTERNAL DOCUMENT NUMBER

STATUS
In Transit

EXPECTED SHIPPING DATE
03/24/2025

ACTUAL SHIPPING DATE

EXPECTED DELIVERY DATE

ACTUAL DELIVERY DATE

MEMO

VESSEL NUMBER

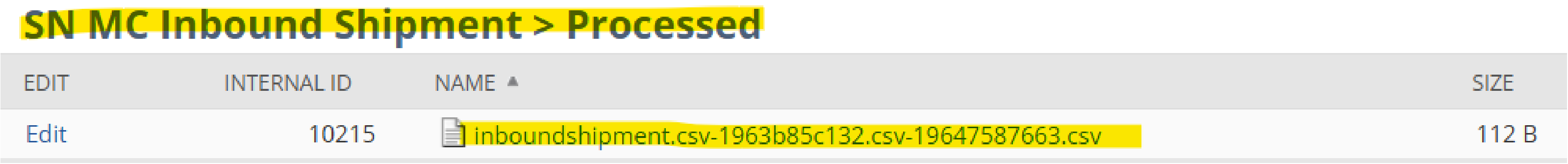
BILL OF LADING

DATE CREATED
04/17/2025

ID	PO *	ITEM *	DESCRIPTION	VENDOR	RECEIVING LOCATION	QUANTITY RECEIVED	QUANTITY BILLED
6	PO#200	NINV_Ergonomic Keyboard	Ergonomic Keyboard	Staples - US West	US-1	0	0

Testing the Solution

1. Testing the Solution
   - After confirming that Inbound Shipment was created using Saved CSV Import Template. Can next confirm if the csv file was moved from the Pending folder to the Processed folder



SN MC Inbound Shipment > Processed

EDIT	INTERNAL ID	NAME ▲	SIZE
Edit	10215	inboundshipment.csv-1963b85c132.csv-19647587663.csv	112 B

Questions?

Next Steps

- Follow me and ScaleNorth on LinkedIn. Will be posting the materials from today on our LinkedIn Group “NetSuite Made Easy”. Material from prior classes are posted out there as well. Can request to join group using link below
  - https://www.linkedin.com/groups/14571179/

- Will be hosting monthly with next one targeted to be Friday 05/16/25 12–1PM PST
  - Target Agenda:
  - Advanced Saved Search Formulas and Use Cases

- If you have any NetSuite pain points, enhancements, integrations or any questions we would be happy to setup a quick chat and see how we can help
  - Send me an email or give me a call or grab time on my calendar
    - dcarazza@scalenorth.com
    - 714–350–6211
    - https://calendly.com/dcarazza-1

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NetSuite Consulting, Implementation and
Outsourced Accounting Services

THANK YOU!

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