**Analysis notes:**

|  |  |
| --- | --- |
| **Script Overview** | |
| Script Name | 360CCC SC Generate Work Orders |
| Script ID | customscript\_360\_sc\_generateworkorders |
| Script File | 360CCC\_SC\_GenerateWorkOrders.js |
| Script Link |  |
| Type | Scheduled Script |
| Version | 1.0 |
| Scheduled/ Not Scheduled | Not Scheduled |
| Environment | Production |

**Script Link:** [**360CCC SC Generate Work Orders**](https://4449625.app.netsuite.com/app/common/scripting/script.nl?id=8)

**Logic Overview:**

**Purpose:**

Scheduled process which generates work orders for items on sales order lines. Set the Location and Effective Date parameters to limit the generation to specific locations or to orders with a specific date. Leave those parameters blank to create work orders for all sales orders.

**Function Name:** \_CCC.generateWorkOrders.startScheduled

**Logic Overview:**

The script performs the following steps:

* Retrieves a list of transaction lines requiring work orders.
* Sorts the results into an object with locations, each with a list of items and sales orders.
* Creates work orders for each item at each location.
* Updates sales order lines with the work order links.

The script also includes error handling and rescheduling capabilities to avoid exceeding NetSuite's governance limits.

It uses various SuiteScript APIs and objects, such as nlapiGetContext(), nlapiLookupField(), and nlapiCreateRecord(), to interact with NetSuite data and perform the necessary operations. The script also defines some custom functions, such as self.buildAssemblyTree() and self.createSubassemblyWorkOrders(), to help with the creation of work orders.

**Sales Order Fields updated:**

* [Generated Work Order](https://4449625.app.netsuite.com/app/common/custom/columncustfield.nl?id=94&e=T) – updated with work order

**Work Order Fields updated:**

* Location
* Department
* Assembly Item
* Quantity
* [Number of Sales Affected](https://4449625.app.netsuite.com/app/common/custom/bodycustfield.nl?id=580&e=T)