LINK Certification Requirements Checklist

Updated March 2021

The items listed in this checklist are all considered mandatory and should not be skipped.

Any items that cannot be completed **must** be explained in the “Notes” area at the bottom of this document. If an item does not apply to the cartridge, you can put “N/A” as needed.

For more details on all requirements, refer to our [LINK Best Practices](https://partners.salesforce.com/0693A000007avARQAY) guide.

**NOTE:** Be sure to include this checklist filled out as an attachment to all your certification and bug fix tickets.

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| General Items | Complete? |
| Repo Layout |  |
| The top directory only includes cartridges, documentation, metadata, and test folders with a package.json file and an eslintrc.json file. | Yes |
| Cartridge names and what code they include should follow the structure specified in the [LINK Best Practices](https://partners.salesforce.com/0693A000007avARQAY) guide in the “Cartridge Layout” section. | Yes |
| The project directory has the LINK partner repository and the SFRA repository as siblings so that npm commands work properly (ex: [here](https://documentation.b2c.commercecloud.salesforce.com/DOC1/topic/com.demandware.dochelp/content/b2c_commerce/topics/sfra/b2c_sfra_setup.html)). | Yes |
| Metadata |  |
| All metadata is zipped in the metadata folder and able to be imported via Site Import & Export. | Yes |
| The default job metadata site is RefArch. | Yes |
| Documentation |  |
| Include the version number of the cartridge with scheme [year].[partner version of the year].[bugfix] (ex: 20.1.0 for the first certified cartridge of 2020). | Yes |
| Include the failover and recovery process to describe what merchants should expect if the partner's service is down and how to resolve it. | Yes |
| Include both a description of the integration and how to set it up. | Yes |
| Include what version of SFRA the integration was tested against. | Yes |
| Include what compatibility mode the integration was tested against. | Yes |
| Include what locales the integration works with. | N/A |
| Include easy to follow test cases with screenshots to verify the basic functionality of the integration works. | Yes |
| Move OCAPI settings to a separate .txt file to not clutter the guide. | N/A |
| For payment cartridges, include a bullet point list of all payment types supported. | Yes |
| Business Manager |  |
| There are no errors in the error logs. | Yes |
| The cartridge works with 21.2 or higher compatibility mode (Administration > Site Development > Code Deployment). | Yes |
| There is no partner-related deprecated API usage reported in Administration > Site Development > Deprecated API Usage. | Yes |
| Quota limits are not exceeded in Administration > Operations > Quota Status. | Yes |
| Metadata is imported without any warnings or errors and does not contain prepopulated service credentials. | Yes |

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| Code Items | Complete? |
| General |  |
| Cartridges are named bm\_[partner] and int\_[partner]\_\*. | Yes |
| SFRA cartridge is compatible with SFRA version 5.3.0 or later. | No (Cartridge is compatible with version 6.0.0) |
| Include cartridge version number in package.json. | Yes |
| The package.json only includes items that are required for the cartridge. | Yes |
| The scripts in the package.json to run items should be the same as the base cartridge package.json scripts. | Yes |
| There are no default copied files from SFRA or SG. | Yes |
| All file names are camelCase with Controllers as CamelCase. | Yes |
| The JS and CSS files are linted without errors. | Yes |
| Does not use custom objects. (If your cartridge must use custom objects, this should be noted and explained in detail as part of the certification application and in the documentation, particularly as pertains to quantity and intended retention and destruction strategy.) | Yes |
| Transactions are limited to less than 1000 objects. | Yes |
| All require() paths for files external to your cartridge are not hardcoded and use require(\*/cartridge/...) | Yes |
| Logger items do not contain personally-identifying information or credit card information. | Yes |
| The code does not contain any TODOs, unused code, and commented out code. | Yes |
| Session.privacy is used instead of session.custom while processing sensitive data | Yes |
| The code does not contain any hardcoded credentials, keys, tokens, etc. | Yes |
| All readers and writers are closed once finished with them. | Yes |
| All SeekableIterators are closed once finished with them. | Yes |
| If iterating over a lot of products, the SearchIndex is used. | Yes |
| All functions have a brief comment describing what they do. | Yes |
| The code does not contain functionality that is not documented in the guide. | Yes |
| Files used for both SG and SFRA are in a core cartridge to avoid having duplicate files. | Yes |
| All Github issues in the integration repository are resolved. | Yes |
| Ensure steptypes.json is valid ([Documentation Help](https://documentation.b2c.commercecloud.salesforce.com/DOC3/topic/com.demandware.dochelp/content/b2c_commerce/topics/jobs/b2c_step_types_json_syntax.html)) | Yes |
| Services |  |
| All FTPClient, SFTPClient, Webreference, Webdav, and HTTPClient calls are called via the Service Framework. | Yes |
| LocalServiceRegistry is used instead of ServiceRegistry. | Yes |
| The callback filterLogMessage or both getRequestLogMessage and getResponseLogMessage should be implemented for every service definition. | Yes |
| Client-side JS |  |
| Avoid hard-coded strings. | Yes |
| URLs come from the server and hardcoded URLs are avoided. | Yes |
| Limit exported functions. | Yes |
| Client-side SCSS |  |
| Use em or rems instead of px. | Yes |
| Controllers |  |
| Controllers with JSON responses have integration tests. | Yes |
| Controllers only prepend or append controllers, not replace them. | Yes |
| Middleware is used for common functionality. | Yes |
| Controllers do not call other controllers. | Yes |
| Models |  |
| All models have unit tests. | Yes |
| Models do not override SFRA models and only extend them. | Yes |
| Models should contain most of the script API calls. | Yes |
| Scripts |  |
| All scripts are .js, not .ds. | Yes |
| Code helpers are used. | Yes |
| Calls to internal functions are limited within the same script. | Yes |
| Templates |  |
| Hardcoded strings are in a .properties file. | Yes |
| <isscript> is only used to add assets. | Yes |
| <script> or any logic like <isloop> should be moved to a .js script. | Yes |
| Middleware cache is used instead of <iscache>. | N/A |
| <isprint encoding> is not off. | Yes |
| Templates are split up into small units so they can be reused. | Yes |
| <iframe> is automatically populated and isn’t used to capture customer’s data. | Yes |
| All form fields have CSRF checks. | Yes |
| Inline styles (colors, border styles, fonts, etc.) are not used. | Yes |

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| Payment Cartridges or Integrations that touch user Order/Payment data | Complete? |
| The payment processor is PCI compliant. | Yes |
| The payment processor is PSD2/3DS 2.0 compliant. | Yes |
| Uses the dw.crypto package for encryption items. | Yes |
| No personal or PII data is collected. | Yes |
| Credit Card, CVV, and email addresses of users are not collected and sent out of the B2C platform. | Yes |
| Include the orderToken and orderNumber when using OrderMgr.getOrder() ([Documentation Help](https://documentation.b2c.commercecloud.salesforce.com/DOC3/topic/com.demandware.dochelp/content/b2c_commerce/topics/b2c_security_best_practices/b2c_developer_authentication_and_authorization.html)) | Yes |

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| SiteGenesis Specific | Complete? |
| There are no Demandware pipelines. | Yes |
| Require() is used instead of importpackage() | Yes |
| response.getWriter is not used. | Yes |
| Code snippets are not added to the header templates. | Yes |

### Notes:

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