

Enterprise Business Center Reporting Migration Guide

March 2019



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Contents

Recent Revisions to This Document 5

About This Guide 6

Audience 7

Conventions 7

 Note Statements 7

 Text and Command Conventions 7

Related Documents 8

Customer Support 8

Chapter 1 **Downloadable Reports** 9

Understanding Report Types 9

 Classic Versus Legacy Reports 10

Downloadable Report FAQs 10

Chapter 2 **On-Demand Reports** 13

Payment Batch Summary Report 13

 Report Differences 13

Purchase and Refund Details Report 15

 Report Differences 15

Net Funding 17

 Report Differences 17

Notification of Change Report 18

Chapter 3 **Deprecated Features and Functions** 21

Servlets 21

 Reports 21

 Functionality 23

Appendix A	Reports Reference	24
	All Reports and What will Happen to Them	24
	Report Features	27
	Payment Batch Detail Report	27
	Transaction Detail Report	28
	Payment Transaction Events Report	28
	Transaction Exception Detail Report	29
	Payer Authentication Detail Report	30
	Subscription Detail Report	30
	Batch Files Detail Report	31
	Decision Manager Detail Report	31
	Conversion Detail Report	32
	Third Party Reports	32
	Batch Upload Reply files	33
	Account Updater Reply files	33
	Report Patterns	34
	Date Patterns	34
	Amount Patterns	36
	Amount Pattern in New Reports - All formats	36
	Field Differences	36
	Payment Batch Detail Report	36
	Subscription Detail Report	38
	Payment Events Report	39
	Transaction Detail Report	41
	Payment Submission Report	45
	Authorization Detail Report	46
	Capture Detail Report	47

Appendix B	Field Mapping	49
	Field Names in JSON Response	49

Recent Revisions to This Document

Release	Changes
March 2019	<ul style="list-style-type: none">■ Added list of field differences between old and new CSV reports.■ Updated lookback and data retention periods.
February 2019	Added list of field differences.
November 2018	Added link to CyberSource Developer Center.
October 2018	Added information on servlet to REST transition.
September 2018	Initial release.

About This Guide

This guide will:

- Introduce you to the new reports
- Help you transition from legacy to new reports

This guide is for merchants or partners who used the legacy reporting features in the old Business Center, and who are beginning to use the new reporting features in the New Business Center. It contains information that will help you transition from the legacy reports to the new reports. For a more detailed description of the new reporting module, see the [Reporting User Guide](#).

The new Business Center offers new reports. For a period of time, you can use either legacy reports in the old Business Center, or new reports in the new Business Center. This is known as the dual access period. During this period, click the "Back to Classic" button in the header of the new Business Center to get back to the old Business Center.

Merchants will be transitioned to the new Business Center beginning in early 2019. Once you are transitioned, you will have 60 days of dual access. You will receive a notification of your exact transition date. After the dual access period, you will no longer have access to the old Business Center, and will not be able to download reports from the old Business Center.

If you access the legacy reports programmatically, you can continue to use the old programmatic access methods (servlets) until July 31, 2019. After July 31, 2019, the old servlets will be retired. After this date, you will no longer be able to access old reports via servlets.

REST APIs for downloading reports are available in our [Developer Center](#).



Note

There will be some differences between the old and the new reports. See "[All Reports and What will Happen to Them](#)," page 24 for details.

For more information on new reports and features, see the [Reporting User Guide](#).



Important

To make getting started easier, most reports were set up for you in the new Business Center in mid October. Reports that are not used (downloaded in the last 90 days) will not be recreated in the new portal.

Audience

This guide is for merchants or partners who used the reporting features of the old Business Center and are moving to the new Business Center.

Users of Decision Manager's Rule Performance Reports, Case Management Performance Reports, Decision Manager Detail Report, and Payer Auth Reports should refer to the Decision Manager User Guide for information on these reports.

Conventions

Note Statements



Note

A *Note* contains helpful suggestions or references to material not contained in the document.

Text and Command Conventions

Convention	Usage
Bold	<ul style="list-style-type: none"> Field and service names in text; for example: Include the ics_applications field. Items that you are instructed to act upon; for example: Click Save.
Screen text	<ul style="list-style-type: none"> XML elements. Code examples and samples. Text that you enter in an API environment; for example: Set the davService_run field to <code>true</code>.

Related Documents

- *Reporting User Guide*
- *New Business Center User Guide*
- *Reporting REST API Developer Guide*

Refer to the Support Center for complete CyberSource technical documentation:

http://www.cybersource.com/support_center/support_documentation

Customer Support

For support information about any CyberSource service, visit the Support Center at:

<http://www.cybersource.com/support>

Downloadable Reports

The Downloadable Reports module replaces the old Report Search page. In the Downloadable Reports module, the user can find reports available for download, as well as create and customize report subscriptions.

See the [Reporting User Guide](#) for detailed information about downloadable reports and a list of all report types.

Understanding Report Types

The Business Center makes numerous reports available to users. To make it easier to find reports, they have been organized into tabs according to type:

- Standard reports—contains reports based off of pre-defined report subscriptions.
- Custom Reports—contains reports that the user has created or customized using a pre-defined report.
- Classic Reports—contains new reports that have been configured for you based on your legacy subscriptions.
- Third Party Reports—contains any files from a third-party, typically your payment processor.
- Legacy Reports—contains an archive of your legacy reports.

**Note**

A tab may be empty if there are no reports in that category to display.

To locate reports for download, in the left navigation, click **Reports > Available Reports**.

For more information on using Available Reports and Managing Reports, see the [Reporting User Guide](#). For more information on individual reports, see "[All Reports and What will Happen to Them](#)," page 24.

Classic Versus Legacy Reports

Classic reports are reports in the new Business Center that have been configured for you, based on your usage of legacy reports. In this guide, "legacy" refers to reports from the old Business Center.

Your Classic report subscriptions are created to match your legacy subscriptions as closely as possible. In most cases, your Classic reports will contain the same fields, field names, field order (for CSV reports), format, and transactions.



The Classic reports are similar to the legacy reports, but they are not exactly the same. See ["All Reports and What will Happen to Them," page 24](#) for details.

Legacy reports are your reports from the old Business Center. They have been copied over and will remain on the Legacy tab for the duration of their data retention period.

Downloadable Report FAQs

Will my Classic reports have the same data as my old reports?

In some cases, the old and the new Classic reports will contain the same transactions and the same report fields, in the same order.

Will my "Classic" reports be available at the same time of day?

Your classic reports will be generated and available for you to download at the same time of day (or earlier) as your old reports.

Will my Classic reports use the same field names?

Your classic reports will use the same field naming convention as your legacy reports. In a limited number of cases, field names will be different. See ["Field Differences," page 36](#).

Can I modify or delete my Classic report subscriptions?

You copy and edit (Save As) or delete a Classic report subscription. For more information on editing reports, see to the [Reporting User Guide](#). If you save a new version of your report, it becomes a Custom report.

Will my Classic report subscriptions ever be removed from the new Business Center?

Your Classic report subscriptions will not be removed from the new Business Center. In the future, if you no longer need these subscriptions, you can delete them.

How can I validate that my new reports will contain the same transactions as the old reports?

The new and old reports will contain the same transactions, provided that the reports cover the same window of time. If you are trying to create a custom report that aligns with your old report, make sure the window of time is the same. Most reports in the old Business Center run from 12:00am to 12:00am Pacific.

What will happen to my legacy report from the old platform?

You will find your legacy reports in the new Business Center on the "Legacy" tab.

After the retirement of the old Business Center, these reports will remain available for download in the new Business Center until the data retention period has expired. See the [Reporting User Guide](#) for information on data retention.

Why do new reports appear to have a date of one day later than I am accustomed to in the old Business Center?

Legacy reports were usually given a "report date" matching the transactions contained in the report, even though the report was usually delivered on the next calendar day.

The new reporting module includes two date concepts:

- Transaction date range—the window of time covered by the report.
- Generate date—the date on which the report was completed.

For example, the old Payment Batch Detail Report dated September 9, 2017 contained transactions from September 9th, but the report is not available for download until September 10th.

The Available Reports page will show both the transaction date range and the generate date.

I didn't create any Standard reports. Why do I have Standard report subscriptions?

Merchants boarded onto the platform after September 2017 are automatically given a default set of standard report subscriptions. These are provided to make getting started with reporting easier. If these reports suit your needs, there is no need to do anything else.

If you want to modify the reports, or create entirely new reports, see the [Reporting User Guide](#) for details and instructions.

**Note**

If you have already modified one of your standard reports, you will find it on the "Custom" tab.

How long will CyberSource save my generated reports?

Refer to the [Reporting User Guide](#) for data retention policies.

How can I programmatically access my reports?

Programmatic access to download and manage new reports will be offered through a REST API, which you can find at our [Developer Center](#).

What are some of the features and benefits of the new reports?

Customizations—The new reporting features offer more customizations than the old reports. For example, you may want to add or remove fields from your report, or have your report run at a particular time of day to suit your business need.

Report filtering—You can filter your reports so they contain one or more of the types of transactions you are interested in. For example, you may want to create a daily recurring report that contains only credit card credits.

One-Time reporting—These are ad-hoc reports you can create that cover a period of time in the past, up to 31 days.

Several other configuration options—These are designed to give you more control over the contents and format of your report.

For more information on these and other features, please refer to the [Reporting User Guide](#).

On-Demand Reports

On-Demand reports are preconfigured reports containing fields specifically designed to be viewed in the browser. Some of these reports support export functionality. On-Demand reports are different from downloadable reports because downloadable reports cannot be viewed in your browser. The on-demand reports include:

- Payment Batch Summary Report
- Purchase and Refunds Detail Report
- Net Funding Report
- Notification of Change Report



Not all users will have access to all of these reports.

Payment Batch Summary Report

The Payment Batch Summary report shows total sales and refunds by currency and payment method. The data is exportable as CSV or XML. This report is a new version of the old Payment Batch Detail report, and contains the same transaction counts and amounts as the old version.

You can find this report in the Business Center left navigation under **Reports > Transaction Reports > Payment Batch Summary Report**.

Report Differences

The report is now available to all merchants or account-level users. The old report was only available to merchants if they were given access by the account level user, or during onboarding.

Figure 1 Old Payment Batch Summary Report

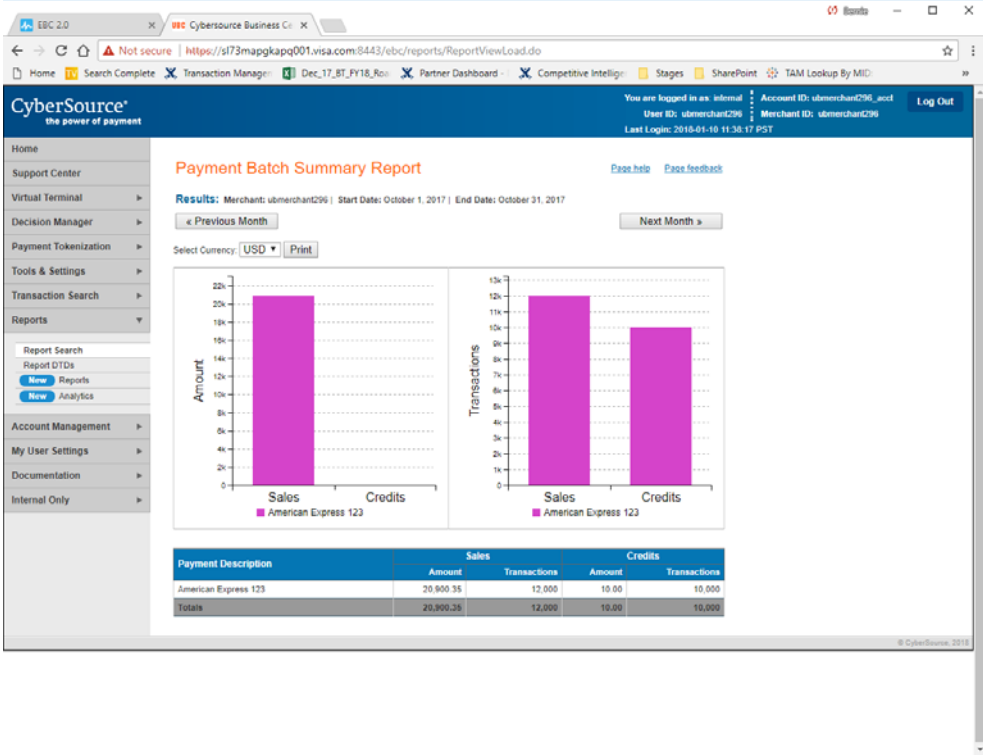
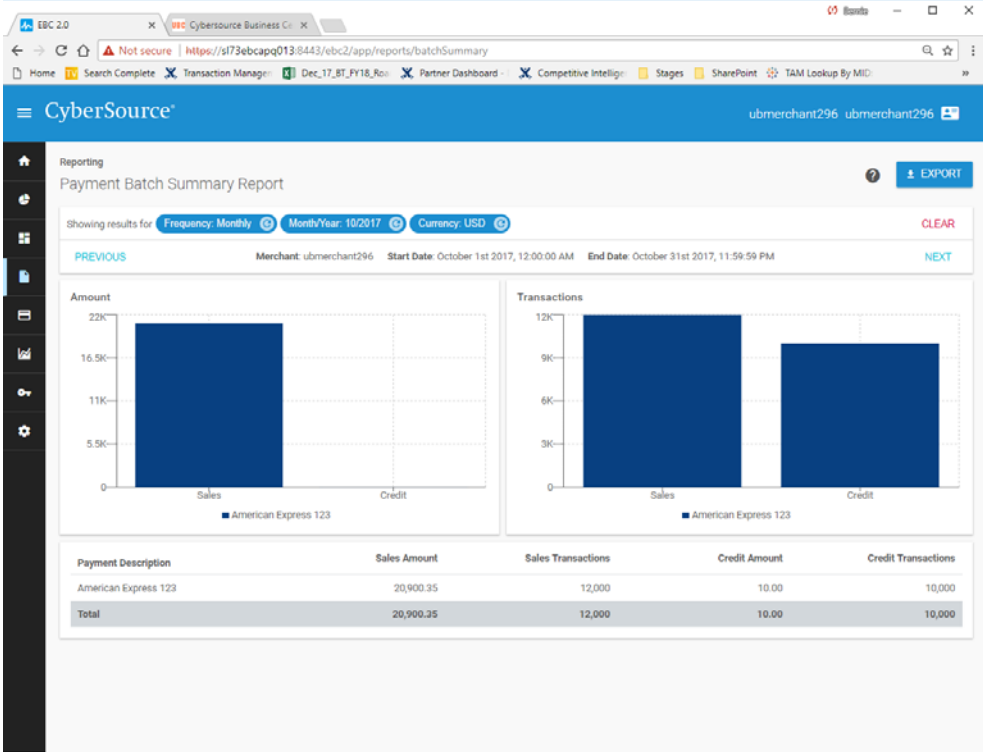


Figure 2 New Payment Batch Summary Report



Purchase and Refund Details Report

The Purchase and Refund report includes all purchases and refund transactions, as well as all activities related to transactions resulting in an adjustment to the net proceeds. The data is exportable as CSV or XML. You can also view data by either request date or submission date.



Note

This report is only available to certain users.

This report is a new version of the old Purchase and Refund Details report and contains the same transaction details as the old version.

You can find this report in the Business Center left navigation under **Reports > Transaction Reports > Purchase and Refund Details Report**.

The old Purchase and Refund Details report was accessible through the acquiring servlet.

Report Differences

Two old reports (Purchase and Refund Details and Purchase and Refund Details by Submission Date) were combined into one report. Users can use filters to view data by request date or submission date.

Additional filtering functionality is available, allowing the user to further filter the result set.

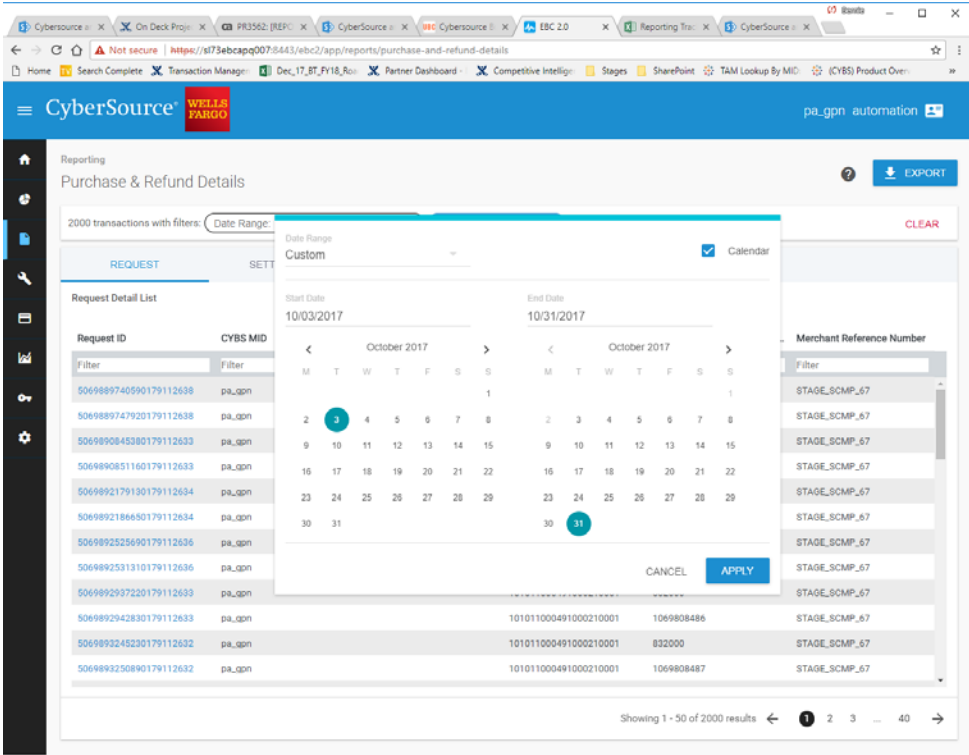
The new reports can be viewed by group. See the [New Business Center User Guide](#) for more information on groups.

Figure 3 Old Purchase and Refund Detail Report

The screenshot displays the CyberSource 'Purchase & Refund Details' report. The interface includes a left-hand navigation menu with options like Home, Support Center, and Reports. The main content area features a search filter for 'PA_GPN (pa_gpn)' with a value of '[101011000491000210001]'. Date filters are set for October 3, 2017, to October 31, 2017, with 50 results per page. A table below shows transaction details with columns for Request ID, Settlement, Authorization, Fees & Funding, and Other. The table lists various transaction IDs and their corresponding merchant reference numbers.

Request ID	Settlement	Authorization	Fees & Funding	Other
5070033668340179112638	pa_gpn			
5070033673960179112638	pa_gpn			
5070033747686133001541	pa_gpn			
50700337614576133101541	pa_gpn			
5070034083586144501541	pa_gpn			
5070034088245144601541	pa_gpn			
5070034747790179112633	pa_gpn			
5070034753260179112633	pa_gpn			
507003635580179112634	pa_gpn			
5070036363440179112634	pa_gpn			
507003655320179112636	pa_gpn			
5070036559400179112636	pa_gpn			
5070037013920179112633	pa_gpn			
5070037019050179112633	pa_gpn			
5070037249950179112632	pa_gpn			
5070037256950179112632	pa_gpn			
5070038985180179112626	pa_gpn			
5070038987210179112636	pa_gpn			
5070039900490179112636	pa_gpn			
5070039902520179112626	pa_gpn			
507004038960179112633	pa_gpn			
5070040344730179112633	pa_gpn			
507004142034586701340	pa_gpn			
5070041424756586801540	pa_gpn			

Figure 4 New Purchase and Refund Detail Report



Net Funding

The Net Funding report show all purchases and refunds, as well as fees and adjustments processed for a merchant entity within a particular date range, resulting in an expected funding amount. It is available for merchant using certain payment processors.



Note

This report is only available to certain users.

You can find this report in the Business Center left navigation under **Reports > Financial Reports > Net Funding**.

Report Differences

This report was previously found in the new Business Center under Analytics.

Notification of Change Report

This report shows eCheck-related fields updated as a result of a response to an eCheck settlement transaction. The data is exportable as encrypted CSV or XML. This report is a new version of the old Notification of Change Report, with enhanced filtering and sorting, and contains the same transaction details as the classic version. For more information on exporting data from this report using a PGP key, refer to the [New Business Center User Guide](#).

**Note**

This report is only available to certain users.

You can find this report in the Business Center left navigation under **Reports > Financial Reports > Notification of Change Report**.

Figure 5 Old Notification of Change Report

CyberSource
the power of payment

You are logged in as: internal
Account ID: npr_rbsworldpay_acct
User ID: npr_rbsworldpay
Merchant ID: npr_rbsworldpay
Last Login: 2018-01-04 12:07:29 PST

Notification of Change (NOC) Report

Search Parameters
Start: Dec 01 2017 12:00:00 AM
End: Dec 31 2017 11:59:59 PM
Matching Transactions: 182

Export XML Encrypted File Export CSV Encrypted File

Merchant Reference Number	Transaction Reference Number	NOC Date	NOC Code	Updated Account Type	Updated Routing Number	Updated Acct Number	Updated Consumer Name
TC29686-11	55563	Dec 27 2017 11:38:39 PM	-	Checking Account	123456789	#####9797	-
TC29686-10	55563	Dec 27 2017 11:38:35 PM	-	Checking Account	123456789	#####9797	-
TC29686-9	55562	Dec 27 2017 11:38:32 PM	-	Checking Account	-	#####9797	-
TC29686-8	55561	Dec 27 2017 11:38:29 PM	-	Checking Account	123456789	-	-
TC29686-7	55560	Dec 27 2017 11:38:25 PM	-	-	123456789	#####9797	-
TC29686-6	55559	Dec 27 2017 11:38:22 PM	-	Savings Account	-	-	-
TC29686-5	55559	Dec 27 2017 11:38:19 PM	-	Savings Account	-	-	-
TC29686-4	55558	Dec 27 2017 11:38:17 PM	-	-	-	#####9797	-
TC29686-3	55557	Dec 27 2017 11:38:14 PM	-	-	123456789	-	-
TC29686-11	55563	Dec 26 2017 07:22:20 PM	-	Checking Account	123456789	#####9797	-
TC29686-10	55563	Dec 26 2017 07:22:16 PM	-	Checking Account	123456789	#####9797	-
TC29686-9	55562	Dec 26 2017 07:22:13 PM	-	Checking Account	-	#####9797	-
TC29686-8	55561	Dec 26 2017 07:22:10 PM	-	Checking Account	123456789	-	-
TC29686-7	55560	Dec 26 2017 07:22:08 PM	-	-	123456789	#####9797	-
TC29686-6	55559	Dec 26 2017 07:22:05 PM	-	Savings Account	-	-	-
TC29686-5	55559	Dec 26 2017 07:22:03 PM	-	Savings Account	-	-	-
TC29686-4	55558	Dec 26 2017 07:22:01 PM	-	-	-	#####9797	-
TC29686-3	55557	Dec 26 2017 07:21:58 PM	-	-	123456789	-	-
TC29687-10	55563	Dec 26 2017	-	Checking Account	123456789	#####9797	-

Figure 6 New Notification of Change Report

182 transactions with filters: Date Range: December 1st - December 31st | Sort Order: Latest Results First

Merchant Reference Number	Transaction Reference Number	NOC Date	NOC Co...	Updated Account Type	Updated Routing Number	Updated Account Number	Updated Consumer Name
TC29686-11	55563	Dec 27 2017 11:38:39 PM SST	-	Checking Account	123456789	#####9797	-
TC29686-10	55563	Dec 27 2017 11:38:35 PM SST	-	Checking Account	123456789	#####9797	-
TC29686-9	55562	Dec 27 2017 11:38:32 PM SST	-	Checking Account	-	#####9797	-
TC29686-8	55561	Dec 27 2017 11:38:29 PM SST	-	Checking Account	123456789	-	-
TC29686-7	55560	Dec 27 2017 11:38:25 PM SST	-	-	123456789	#####9797	-
TC29686-6	55559	Dec 27 2017 11:38:22 PM SST	-	Savings Account	-	-	-
TC29686-5	55559	Dec 27 2017 11:38:19 PM SST	-	Savings Account	-	-	-
TC29686-4	55558	Dec 27 2017 11:38:17 PM SST	-	-	-	#####9797	-
TC29686-3	55557	Dec 27 2017 11:38:14 PM SST	-	-	123456789	-	-
TC29686-11	55563	Dec 26 2017 07:22:20 PM SST	-	Checking Account	123456789	#####9797	-
TC29686-10	55563	Dec 26 2017 07:22:16 PM SST	-	Checking Account	123456789	#####9797	-
TC29686-9	55562	Dec 26 2017 07:22:13 PM SST	-	Checking Account	-	#####9797	-
TC29686-8	55561	Dec 26 2017 07:22:10 PM SST	-	Checking Account	123456789	-	-
TC29686-7	55560	Dec 26 2017 07:22:08 PM SST	-	-	123456789	#####9797	-

Showing 1 - 50 of 182 results

Deprecated Features and Functions

This section contains information about features and functions of the legacy Reports module that will be retired.

Servlets

The old programmatic access methods will be retired. This includes the Report Download Servlet, Acquiring Servlet, and Query Servlet. The data and reports delivered via servlets are accessible via REST APIs, which you can find at our [Developer Center](#).

Reports

The following reports will be deprecated:

Table 1 **Deprecated Reports**

Old Business Center	Location in the Old Business Center	Replacement in the New Business Center
Payment Submission Detail Report	Report Search Screen	<p>Replaced by the Payment Batch Detail Report. Users should use the Payment Batch Detail report, and add the field Processor ID.</p> <p>Users with existing Payment Submission Detail Report subscriptions in the old Business Center will find a subscription named "PaymentSubmissionDetailReport_<FREQUENCY>_Classic" in the new Business Center in the Classic tab.</p>

Table 1 Depreciated Reports (Continued)

Old Business Center	Location in the Old Business Center	Replacement in the New Business Center
Order Detail Report	Report Search Screen	<p>Replaced by the Transaction Request Report.</p> <p>Users with existing Order Detail Report subscriptions in the old Business Center will find a subscription named "OrderDetailReport_<FREQUENCY>_Classic" in the new Business Center in the classic tab.</p> <p>All of the fields available in the old Order Detail Report will be available in the new Business Center.</p>
NewAuthorizationDetail Report (use Transaction Request Report filtered for authorizations instead)	Report Search Screen	<p>Users with existing New Authorization Detail Report subscriptions in the Classic Business Center will find a subscription named "NewAuthorizationDetailReport_<FREQUENCY>_Classic" in the new Business Center on the classic tab.</p>
NewCaptureDetailReport	Report Search Screen	<p>Users with existing New Capture Detail Report subscriptions in the Classic Business Center will find a subscription named "NewCaptureDetailReport_<FREQUENCY>_Classic" in the new Business Center in the classic tab.</p>
Chargeback and Representation Detail Report	Accessed today only through Acquiring Servlet	<p>This data is in the new Chargeback Detail report. See Reporting User Guide for more information.</p>
Payment Activity Summary	Accessed today only through Acquiring Servlet	<p>This data can be found in the new Business Center on the Net Funding screen in the Analytics module. See New Business Center User Guide for more information.</p>

Table 1 Depreciated Reports (Continued)

Old Business Center	Location in the Old Business Center	Replacement in the New Business Center
Fee Detail Report	Accessed today only through Acquiring Servlet	This data can be found in the new Fee Detail report. See Reporting User Guide for more information.
Transfer Log	Accessed today only through Acquiring Servlet	This data can be found in the new Deposit Detail report. See Reporting User Guide for more information.

Functionality

Table 2 Depreciated Functionality

Old Business Center	Location in the Old Business Center	Replacement in the New Business Center
Account level users will not be able to subscribe merchants in their portfolio to reports.	Manage Subscriptions screen	Merchants may create their own reports. Newly onboarded merchants are automatically subscribed to a boilerplate set of reports.

Reports Reference

All Reports and What will Happen to Them

The tables in this section map each of the legacy reports or servlets to a REST API.

Table 3 Legacy Downloadable Reports

Legacy Report Name	Legacy Servlet	New Report Name	REST API	Will the new report (or payload) be different?	What types of users can use?
Payment Batch Detail Report	Download Servlet	Payment Batch Detail Report	Reporting API	Slightly different	Merchants, account level users, and Partners
Transaction Detail Report	Download Servlet	Transaction Request Report	Reporting API	Slightly different	Merchants, account level users, and Partners
Payment Transaction Event Report	Download Servlet	Processor Event Report	Reporting API	Slightly different	Merchants, account level users, and Partners
Transaction Exception Detail Report	Download Servlet	Transaction Exception Detail Report	Reporting API	Slightly different	Merchants, account level users, and Partners
Payer Authentication Detail Report	Download Servlet	Payer Authentication Detail Report	Reporting API	Slightly different	Merchant only.
Subscription Detail Report	Download Servlet	Subscription Detail Report	Reporting API	Slightly different	Merchant only.
Batch Files Detail Report	Download Servlet	Batch Files Detail Report	Reporting API	Slightly different	Merchants, account level users, and Partners

Table 3 Legacy Downloadable Reports (Continued)

Legacy Report Name	Legacy Servlet	New Report Name	REST API	Will the new report (or payload) be different?	What types of users can use?
Decision Manager Detail Report	Download Servlet	Decision Manager Detail Report	Reporting API	Slightly different	Merchants only.
Conversion Detail Report	Download Servlet	Conversion Detail Report	Reporting API	Slightly different	Merchants only.
JP Reports - Report 96	Download Servlet	JP Transaction Report	Reporting API	Slightly different	NA
Batch Upload Reply Files	Download Servlet	Same name as in the old Business Center	Secure File Share API	No	Merchants only.
Account Updater Reply File	Download Servlet	Same name as in the old Business Center	Secure File Share API	No	Merchants only.
Third Party Report	Download Servlet	Same name as in the old Business Center	Secure File Share API	No	Merchants only.

Table 4 Legacy On-Demand Reports

Legacy Report Name	Legacy Servlet	New Report Name	REST API	Will the new report (or payload) be different?	What types of users can use?
Payment Batch Summary Report	Acquiring Servlet	Payment Batch Summary Report	Reporting API	No	Merchants, account level users. Partners can view data MID-by-MID.
Payer Authorization Summary	NA	Payer Authorization Summary	NA	No	Merchants and account level users.
Purchase and Refund Detail Report	Acquiring Servlet	Purchase and Refund Details	Reporting API	No	Merchants and account level users.
Notification of Change	NA	Notification of Change	Reporting API	No	Merchants

**Important**

The reports in [Table 5](#) are not available using the Business Center but can be downloaded using servlets. For a mapping of XML field names to JSON field names, see "[Field Names in JSON Response](#)," [page 49](#). For details on the new JSON payloads, see the API Reference Guides in our [Developer Center](#).

Table 5 Servlet Only Reports

Legacy function	Legacy servlet	Replacement API	Will the new payload be different?
Single Transaction Query (search by Request ID)	Query Servlet	Transaction Detail API	Yes Important The old payload was XML. The new payload is JSON with new field names.
Search for Transactions by Merchant Reference number	Query Servlet	Transaction Search API	Yes Important The old payload was XML. The new payload is JSON with new field names.
Notification of Change (on-demand)	n/a	Reporting API	No
Conversion Detail Report (on-demand)	Query Servlet	Reporting API	No
User Listing Servlet	Query Servlet	User Management API	Yes Important The old payload was XML. The new payload is JSON with new field names.
Response File Write (Batch Upload status)	Query Servlet	Batch Status API	Yes Important The old payload was XML. The new payload is JSON with new field names.
On-Demand Order Detail Report	Query Servlet	Retired	Retired
Transaction Exception Detail Report Request	Query Servlet	Retired	Retired

Table 6 Retired Reports

Legacy Report Name	Legacy Servlet	How to approximate this report in the new Business Center	Will the existing subscriptions be recreated?
Payment Submission Detail Report	Download Servlet	Use Payment Batch Detail with field Processor ID	Yes
Order Detail Report	Download Servlet	Use the Transaction Detail Report with filters for credit cards, sales, and refunds.	Yes
New Authorization Detail Report	Download Servlet	Transaction Detail Report with filter for credit card authorizations.	Yes
New Sales Detail Report	Download Servlet	Transaction Detail Report with filter for credit card sales and refunds.	Yes
Payment Activity Summary (Legacy Merchant Account Reports)	Old Acquiring Servlet only	Net Funding screen	NA
Chargeback and Representment Detail Report (Legacy Merchant Account Reports)	Old Acquiring Servlet only	Chargeback Detail Report	NA
Transfer Log (Legacy Merchant Account Reports)	Old Acquiring Servlet only	Deposit Detail Report	NA
Fee detail (Legacy Merchant Account Reports)	Old Acquiring Servlet only	Fee Detail Report	NA
Summary of Fees (Legacy Merchant Account Reports)	Old Acquiring Servlet only	Fee Summary report (coming soon)	NA

Report Features

The tables below describe features of the reports in the new Business Center. See the Reporting User Guide for more information.

Payment Batch Detail Report

Legacy Report Name	Payment Batch Detail Report
Legacy Servlet	Download Servlet
New Report Name	Payment Batch Detail Report
REST API	Reporting API

Will the new report (or payload) be different?	Slightly different
Supports field customization and ordering?	Yes
Supports credits as negative number in CSV format?	Yes
Supports application filtering?	Yes
Will existing report subscriptions be recreated?	Yes
Subscribable from where?	Standard Report Screen and Report Type dropdown
What types of users can use?	Merchants, Account level users, and Partners
Lookback period	18 months
Data retention period	16 months past the last date represented in the report.

Transaction Detail Report

Legacy Report Name	Transaction Detail Report
Legacy Servlet	Download Servlet
New Report Name	Transaction Request Report
REST API	Reporting API
Will the new report (or payload) be different?	Slightly different
Supports field customization and ordering?	Yes
Supports credits as negative number in CSV format?	Yes
Supports application filtering?	Yes
Will existing report subscriptions be recreated?	Yes
Subscribable from where?	Standard Report Screen and Report Type dropdown
What types of users can use?	Merchants, Account level users, and Partners
Lookback period	18 months
Data retention period	16 months past the last date represented in the report.

Payment Transaction Events Report

Legacy Report Name	Payment Transaction Events Report (Payment Events Report)
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Legacy Servlet	Download Servlet
New Report Name	Processor Events Report
REST API	Reporting API
Will the new report (or payload) be different?	Slightly different
Supports field customization and ordering?	Yes
Supports credits as negative number in CSV format?	Yes
Supports application filtering?	Yes
Will existing report subscriptions be recreated?	Yes
Subscribable from where?	Standard Report Screen and Report Type dropdown
What types of users can use?	Merchants, Account level users, and Partners
Lookback period	18 months
Data retention period	16 months past the last date represented in the report.

Transaction Exception Detail Report

Legacy Report Name	Transaction Exception Detail Report
Legacy Servlet	Download Servlet
New Report Name	Transaction Exception Detail Report
REST API	Reporting API
Will the new report (or payload) be different?	Slightly different
Supports field customization and ordering?	Yes
Supports credits as negative number in CSV format?	Yes
Supports application filtering?	Yes
Will existing report subscriptions be recreated?	Yes
Subscribable from where?	Standard Report Screen and Report Type dropdown
What types of users can use?	Merchants, Account level users, and Partners
Lookback period	18 months
Data retention period	16 months past the last date represented in the report.

Payer Authentication Detail Report

Legacy Report Name	Payer Authentication Detail Report
Legacy Servlet	Download Servlet
New Report Name	Payer Authentication Detail Report
REST API	Reporting API
Will the new report (or payload) be different?	Slightly different
Supports field customization and ordering?	No
Supports credits as negative number in CSV format?	No
Supports application filtering?	No
Will existing report subscriptions be recreated?	Yes, in the future.
Subscribable from where?	Report Type dropdown
What types of users can use?	Merchants
Lookback period	6 months
Data retention period	16 months past the last date represented in the report.

Subscription Detail Report

Legacy Report Name	Subscription Detail Report
Legacy Servlet	Download Servlet
New Report Name	Subscription Detail Report
REST API	Reporting API
Will the new report (or payload) be different?	Slightly different
Supports field customization and ordering?	No
Supports credits as negative number in CSV format?	No
Supports application filtering?	No
Will existing report subscriptions be recreated?	Yes
Subscribable from where?	Report Type dropdown
What types of users can use?	Merchants
Lookback period	6 months
Data retention period	16 months past the last date represented in the report.

Batch Files Detail Report

Legacy Report Name	Batch Files Detail Report
Legacy Servlet	Download Servlet
New Report Name	Batch Files Detail. This report will be available in early 2019.
REST API	Reporting API
Will the new report (or payload) be different?	Slightly different
Supports field customization and ordering?	No
Supports credits as negative number in CSV format?	No
Supports application filtering?	No
Will existing report subscriptions be recreated?	Yes, in the future
Subscribable from where?	Report Type dropdown
What types of users can use?	Merchants
Lookback period	NA
Data retention period	16 months

Decision Manager Detail Report

Legacy Report Name	Decision Manager Detail Report
Legacy Servlet	Download Servlet
New Report Name	Decision Manager Detail Report
REST API	Reporting API
Will the new report (or payload) be different?	Yes
Supports field customization and ordering?	No
Supports credits as negative number in CSV format?	No
Supports application filtering?	No
Will existing report subscriptions be recreated?	Yes, in the future
Subscribable from where?	Report Type dropdown
What types of users can use?	Merchants
Lookback period	6 months
Data retention period	16 months past the last date represented in the report.

Conversion Detail Report

Legacy Report Name	Conversion Detail Report
Legacy Servlet	Download Servlet
New Report Name	Conversion Detail Report
REST API	Reporting API
Will the new report (or payload) be different?	Slightly Different
Supports field customization and ordering?	No
Supports credits as negative number in CSV format?	No
Supports application filtering?	No
Will existing report subscriptions be recreated?	Yes, in the future
Subscribable from where?	Report Type dropdown
What types of users can use?	Merchants
Lookback period	6 months
Data retention period	16 months past the last date represented in the report.

Third Party Reports

Legacy Report Name	NA
Legacy Servlet	Download Servlet
New Report Name	These reports will have the same names
REST API	Secure File Share API
Will the new report (or payload) be different?	No
Supports field customization and ordering?	NA
Supports credits as negative number in CSV format?	NA
Supports application filtering?	NA
Will existing report subscriptions be recreated?	These reports will be present in the new Business Center.
Subscribable from where?	NA
What types of users can use?	Merchants
Lookback period	NA
Data retention period	16 months

Batch Upload Reply files

Legacy Report Name	NA
Legacy Servlet	Download Servlet
New Report Name	These reports will have the same names
REST API	Secure File Share API
Will the new report (or payload) be different?	No
Supports field customization and ordering?	NA
Supports credits as negative number in CSV format?	NA
Supports application filtering?	NA
Will existing report subscriptions be recreated?	These reports will be present in the new Business Center.
Subscribable from where?	NA
What types of users can use?	Merchants
Lookback period	NA
Data retention period	16 months

Account Updater Reply files

Legacy Report Name	NA
Legacy Servlet	Download Servlet
New Report Name	These reports will have the same names
RESTful API	Secure File Share API
Will the new report (or payload) be different?	No
Supports field customization and ordering?	NA
Supports credits as negative number in CSV format?	NA
Supports application filtering?	NA
Will existing report subscriptions be recreated?	These reports will be present in the new Business Center.
Subscribable from where?	NA
What types of users can use?	Merchants
Lookback period	NA
Data retention period	16 months

Report Patterns

This section contains information on the following patterns:

- Amount field.
- Date and time expressed in report headers.
- Date and time expressed in the transaction date field.
- Date and time expressed in the batch date field.
- Date and time expressed in the event date field.

Date Patterns

New reports will use the following date patterns:

- **Time zone:** GMT
- **Format:** Datetime/ISO 8601

For example, 2017-08-01T00:00:00Z to 2017-08-31T23:59:00Z.



Note

The field `localizedRequestDate` will be printed in the time zone of the merchant; if there is no time zone preference, then the time zone will be GMT.

Old reports used various timezone and time format conventions as listed below.

Table 7 Date Printed in Old Headers - CSV Format

Old report name/new report name/	Old CSV Time Zone	Old CSV Format	Old CSV report header position	Old CSV Example
Payment Batch Detail Report/ Payment Batch Detail Report	Pacific	YYYY-MM-DD	Position 3 of header	Payment Batch Detail Report, 1.0, 2018-03-18 to 2018-03-18
Payment Events Report/ Processor Events Report	Pacific	DD/MM/YY	NA	Payment Events Report, 1, 3/18/18, kitbag_globalcollect
Transaction Detail Report/Transaction Request Report	GMT	YYYY/MM/DD	NA	Transaction Detail Report, 1, 2018-03-18 to 2018-03-18
Transaction Exception Detail Report/ Transaction Exception Detail Report	GMT	YYYY/MM/DD	NA	Transaction Exception Detail Report, 1, 2018-03-18 to 2018-03-18

Table 8 Transaction Date

Old report name/ new report name/	Old CSV Time Zone	Old CSV Format	Old CSV report field name	Old CSV Example
Payment Batch Detail Report/ Payment Batch Detail Report	Transaction date field not available in the old report			
Payment Events Report/ Processor Events Report	Transaction date field not available in the old report			
Transaction Detail Report/Transaction Request Report	GMT	2018-03- 16T08:35:05+00:0 0	transaction_date	2018-03- 16T08:35:05+00:00
Transaction Exception Detail Report/ Transaction Exception Detail Report	GMT	2018-03- 16T08:35:05+00:0 0	transaction_date	2018-03- 16T08:35:05+00:00

Table 9 Batch Date

Old report name/ new report name/	Old CSV Time Zone	Old CSV Format	Old CSV report field name	Old CSV Example
Payment Batch Detail Report/ Payment Batch Detail Report	GMT	YYYY-MM-DD	batch_date	2018-03-16

Table 10 Event Date

Old report name/ new report name/	Old CSV Time Zone	Old CSV Format	Old CSV report field name	Old CSV Example
Payment Events Report/Processor Events Report	Pacific	YYYY-MM-DD	event_date	2018-03-16

Amount Patterns

Table 11 Old Amount Patterns (CSV and XML)

Old report name/new report name/	Old transaction amount field name	Old credits printed as negative
Payment Batch Detail Report/ Payment Batch Detail Report	amount	Yes
Payment Events Report/ Processor Events Report	merchant_amount	Yes
Transaction Detail Report/ Transaction Request Report	amount	Yes
Transaction Exception Detail Report/ Transaction Exception Detail Report	amount	Yes

Amount Pattern in New Reports - All formats

Field name: amount

Credits printed as negative number: Credits will be displayed as whole numbers (without the negative sign). User may optionally configure the report to print credits as negative numbers.

Field Differences

Some of the new reports contain different field names and headers. Below are examples of the old headers with a line of data, new headers with a line of data, and field name differences.

Payment Batch Detail Report

Example 1 Payment Batch Detail Report Old Header

Payment Batch Detail Report, 1.0, 2018-12-10 to 2018-12-10
batch_id,merchant_id,batch_date,request_id,merchant_ref_number,trans_ref_
no,payment_method,currency,amount,transaction_type

60272,merchantID,2018-12-
11,***526405***,60**, ***039877OK92***,MasterCard,USD,106.49,ics_bill

Example 2 Payment Batch Detail Report New Header

```

sample_mid,PaymentBatchDetailReport_Daily_
Classic,PaymentBatchDetail,1.10,2018-12-10T08:00:00Z to 2018-12-11T08:00:00Z
batch_id,merchant_id,batch_date,request_id,merchant_ref_
number,TransactionReferenceNumber,payment_type,currency,amount,ics_
applications,status,transaction_date

***60272***,***,2018-12-11T02:19:19Z,***4526405836175403***,***,
***039877OK92***,MasterCard,USD,106.49,ics_auth,ics_bill,BATCHED,2018-12-
10T14:37:20Z

```

Table 12 Field Name Differences in Payment Batch Detail Report

Old Name	New Name
trans_ref_no	TransactionReferenceNumber
payment_method	payment_type
transaction_type	ics_applications
N/A	status (new)
N/A	transaction_date (new)

Example 6 Payment Events Report New Header

accountID,PaymentEventDetailReport_Daily_
 Classic,ProcessorEventsDetail,1.10,2018-12-10T08:00:00Z to 2018-12-11T08:00:00Z
 request_id,merchant_id,merchant_ref_number,Type,Event,EventDate,
 TransactionReferenceNumber,EventCurrencyCode, EventAmount,consumer_
 currency_code,consumer_amount,fee_currency_code,fee_
 amount,ProcessorMessage,transaction_date

4796802796453403,***,***636f6***,credit card,Payment,2018-12-
 10T16:00:00Z,***7334***,MXN,128.4,MXN,128.4,***,0,***,2018-11-29T08:21:20Z

Table 13 Field Name Differences in Payment Events Report

Old Name	New Name
payment_type	Type
event_type	Event
event_date	EventDate
trans_ref_no	TransactionReferenceNumber
merchant_currency_code	EventCurrencyCode
merchant_amount	EventAmount
processor_message	ProcessorMessage
N/A	transaction_date (new)

Table 14 Field Name Differences in Transaction Detail Report (Continued)

Old Name	New Name
bill_rmsg	N/A
credit_rcode	N/A
credit_rflag	N/A
credit_rmsg	N/A
ecp_debit_rcode	N/A
ecp_debit_rflag	N/A
ecp_debit_rmsg	N/A
ecp_credit_rcode	N/A
ecp_credit_rflag	N/A
ecp_credit_rmsg	N/A
score_rcode	N/A
score_rflag	N/A
score_rmsg	N/A
tax_rcode	N/A
tax_rflag	N/A
tax_rmsg	N/A
dav_rcode	N/A
dav_rflag	N/A
dav_rmsg	N/A
export_rcode	N/A
export_rflag	N/A
export_rmsg	N/A
elc_rcode	N/A
elc_rflag	N/A
elc_rmsg	N/A
elc_revoke_rcode	N/A
elc_revoke_rflag	N/A
elc_revoke_rmsg	N/A
download_rcode	N/A
download_rflag	N/A
download_rmsg	N/A
create_isv_rcode	N/A
create_isv_rflag	N/A
create_isv_rmsg	N/A
add_value_to_isv_rcode	N/A

Table 14 Field Name Differences in Transaction Detail Report (Continued)

Old Name	New Name
add_value_to_isv_rflag	N/A
add_value_to_isv_rmsg	N/A
get_isv_history_rcode	N/A
get_isv_history_rflag	N/A
get_isv_history_rmsg	N/A
get_isv_info_rcode	N/A
get_isv_info_rflag	N/A
get_isv_info_rmsg	N/A
get_isv_profiles_rcode	N/A
get_isv_profiles_rflag	N/A
get_isv_profiles_rmsg	N/A
modify_isv_rcode	N/A
modify_isv_rflag	N/A
modify_isv_rmsg	N/A
redeem_isv_rcode	N/A
redeem_isv_rflag	N/A
redeem_isv_rmsg	N/A
payment_method	payment_type
score_score_result	Score
shipping_carrier	Carrier
customer_password_provided	ConsumerPasswordProvided
lost_password	LostPassword
repeat_customer	RepeatCustomer
cookies_accepted	CookiesAccepted
customer_loyalty	ConsumerLoyalty
customer_promotions	ConsumerPromotions
gift_wrap	GiftWrap
returns_accepted	ReturnsAccepted
customer_id	customer_account_id
product_risk	ProductRisk
applied_score_threshold	AppliedThreshold
applied_time_hedge	AppliedTimeHedge
applied_velocity_hedge	AppliedVelocityHedge
applied_host_hedge	AppliedHostHedge
applied_category_gift	AppliedCategoryGift

Table 14 Field Name Differences in Transaction Detail Report (Continued)

Old Name	New Name
applied_category_time	AppliedCategoryTime
avs	AppliedAVS
cv	AppliedCV
payment_processor	PaymentProcessor
source	Source

Payment Submission Report

Example 9 Payment Submission Report Old Header

Payment Submission Detail Report,1.0,2018-12-13 to 2018-12-13
 batch_id,merchant_id,batch_date,request_id,merchant_ref_number,trans_ref_
 no,payment_method,currency,amount,transaction_type,payment_processor

61923, ***,2018-12-
 14,***67870048069***,***97***,***7698***,Visa,GBP,105.59,ics_bill,Barclays UK

Example 10 Payment Submission Report New Header

accountID,PaymentSubmissionDetailReport_Daily_
 Classic,PaymentBatchDetail,1.10,2018-12-13T08:00:00Z to 2018-12-14T08:00:00Z
 batch_id,merchant_id,batch_date,request_id,merchant_ref_
 number,TransactionReferenceNumber,payment_type,currency,amount,ics_
 applications,PaymentProcessor,status,transaction_date

61923, ***,2018-12-
 14T00:20:43Z,***67870048069***,***97***,***7698***,Visa,GBP,105.59,ics_score,ics_
 auth,ics_decision,ics_pa_validate,ics_bill,ics_decision_
 early,barclays2,BATCHED,2018-12-13T05:25:00Z

Table 15 Field Name Differences in Payment Submission Report

Old Name	New Name
trans_ref_no	TransactionReferenceNumber

Table 15 Field Name Differences in Payment Submission Report (Continued)

Old Name	New Name
payment_processor	PaymentProcessor
N/A	status (new)
N/A	transaction_date (new)

Authorization Detail Report

Example 11 Authorization Detail Report Old Header

Authorization Detail Report,1.0,2018-12-13T08:00:00-08:00 to 2018-12-14T08:00:00-08:00

currency,transaction_status,card_type,order_number,date,trans_ref_no,acct_suffix,amount,customer_first_name,customer_last_name,customer_middle_name,customer_address1,customer_address2,customer_city,customer_state,customer_zip,customer_email,customer_id,merchant_defined1,merchant_defined2,merchant_defined3,merchant_defined4,comments,reason,source

USD,Approved,Mastercard,***4729103***,2018-12-13T19:25:04-08:00,***21PM4L***,1864,72829.29,***,***,***,***,***,***,***,***,***41***,18***,10,8530,,100,18522

Example 12 Authorization Detail Report New Header

accountID,NewAuthorizationDetailReport_Daily_Classic,TransactionRequestReport,1.10,2018-12-13T08:00:00Z to 2018-12-14T08:00:00Z

currency,ics_rflag,card_type,merchant_ref_number,transaction_date,TransactionReferenceNumber,account_no,amount,customer_first_name,customer_last_name,customer_middle_name,customer_address1,customer_address2,customer_city,customer_state,customer_zip,customer_email,customer_account_id,merchant_defined1,merchant_defined2,merchant_defined3,merchant_defined4,comments,reason_code,User,merchant_id,request_id

USD,SOK,Mastercard,***4729103***,2018-12-13T19:25:04-08:00,***21PM4L***,1864,72829.29,***,***,***,***,***,***,***,***,***41***,18***,10,8530,,100,18522,***,***

Table 16 Field Name Differences in Authorization Detail Report

Old Name	New Name
transaction_status	ics_rflag
order_number	merchant_ref_number
date	transaction_date
trans_ref_no	TransactionReferenceNumber
acct_suffix	account_no
customer_id	customer_account_id
reason	reason_code
source	User
N/A	merchant_id (new)
N/A	request_id (new)

Capture Detail Report

Example 13 Capture Detail Report Old Header

CaptureDetailReport,1,2018-12-13T08:00:00-08:00 to 2018-12-14T08:00:00-08:00
currency,status,card_type,transaction_type,order_number,date,trans_ref_no,account_
suffix,amount,customer_first_name,customer_last_name,customer_middle_
name,customer_address_1,customer_address_2,customer_city,customer_
state,customer_zip,customer_email,customer_id,comments,source_user

USD,Successful,Mastercard,Debit,***4735422***,2018-12-14T05:12:48-
08:00,***830**,1779,13.00,***,***,***,***,***,***,***,***,***4 /E85***,***

Field Mapping

Field Names in JSON Response

The table below shows the new REST field names and the old servlet field names.

Table 18 Servlet to REST Field Mapping

Servlet Field Name	REST Field Name
ApplicationReplies.ApplicationReply.Name	applicationInformation.applications[].name
ApplicationReplies.ApplicationReply.Rcode	applicationInformation.applications[].rCode
ApplicationReplies.ApplicationReply.Rflag	applicationInformation.applications[].rFlag
ApplicationReplies.ApplicationReply.RMsg	HTTP 201: errorInformation.message HTTP 400/502: message
Applications.application	applicationInformation.applications[].name
Applications.reasonCode	applicationInformation.applications[].reasonCode
Applications.status	applicationInformation.applications[].status
BillTo.Address1	orderInformation.billTo.address1
BillTo.Address2	orderInformation.billTo.address2
BillTo.City	orderInformation.billTo.locality
BillTo.CompanyName	orderInformation.billTo.company
BillTo.Country	orderInformation.billTo.country
BillTo.CustomerID	buyerInformation.merchantCustomerId
BillTo.Email	orderInformation.billTo.email
BillTo.FirstName	orderInformation.billTo.firstName
BillTo.Hostname	deviceInformation.hostName
BillTo.IPAddress	deviceInformation.ipAddress
BillTo.LastName	orderInformation.billTo.lastName
BillTo.MiddleName	orderInformation.billTo.middleName
BillTo.NameSuffix	orderInformation.billTo.suffix
BillTo.Phone	orderInformation.billTo.phoneNumber

Table 18 Servlet to REST Field Mapping

Servlet Field Name	REST Field Name
BillTo.State	orderInformation.billTo.administrativeArea
BillTo.Title	orderInformation.billTo.title
BillTo.UserName	buyerInformation.merchantCustomerId
BillTo.Zip	orderInformation.billTo.postalCode
Comments	clientReferenceInformation.applicationUser
LineItems.lineItem.FulfillmentType	orderInformation.lineItems[].fulfillmentType
LineItems.lineItem.MerchantProductSKU	orderInformation.lineItems[].productSku
LineItems.lineItem.Number	Not required to return as API response but it should be used to reconstruct the line item array.
LineItems.lineItem.ProductCode	orderInformation.lineItems[].productCode
LineItems.lineItem.ProductName	orderInformation.lineItems[].productName
LineItems.lineItem.Quantity	orderInformation.lineItems[].quantity
LineItems.lineItem.TaxAmount	orderInformation.lineItems[].taxAmount
LineItems.lineItem.UnitPrice	orderInformation.lineItems[].unitPrice
MerchantDefinedData.field1	merchantDefinedInformation[].key = "field1" merchantDefinedInformation[].value
MerchantDefinedData.field2	merchantDefinedInformation[].key = "field2" merchantDefinedInformation[].value
MerchantDefinedData.field3	merchantDefinedInformation[].key = "field3" merchantDefinedInformation[].value
MerchantDefinedData.field4	merchantDefinedInformation[].key = "field4" merchantDefinedInformation[].value
MerchantDefinedData.field5	merchantDefinedInformation[].key = "field5" merchantDefinedInformation[].value
MerchantDefinedData.field6	merchantDefinedInformation[].key = "field6" merchantDefinedInformation[].value
MerchantDefinedData.field7	merchantDefinedInformation[].key = "field7" merchantDefinedInformation[].value
MerchantDefinedData.field8	merchantDefinedInformation[].key = "field8" merchantDefinedInformation[].value
MerchantDefinedData.field9	merchantDefinedInformation[].key = "field9" merchantDefinedInformation[].value
MerchantDefinedData.field10	merchantDefinedInformation[].key = "field10" merchantDefinedInformation[].value
MerchantDefinedData.field11	merchantDefinedInformation[].key = "field11" merchantDefinedInformation[].value
MerchantDefinedData.field12	merchantDefinedInformation[].key = "field12" merchantDefinedInformation[].value

Table 18 Servlet to REST Field Mapping

Servlet Field Name	REST Field Name
MerchantDefinedData.field13	merchantDefinedInformation[].key = "field13" merchantDefinedInformation[].value
MerchantDefinedData.field14	merchantDefinedInformation[].key = "field14" merchantDefinedInformation[].value
MerchantDefinedData.field15	merchantDefinedInformation[].key = "field15" merchantDefinedInformation[].value
MerchantDefinedData.field16	merchantDefinedInformation[].key = "field16" merchantDefinedInformation[].value
MerchantDefinedData.field17	merchantDefinedInformation[].key = "field17" merchantDefinedInformation[].value
MerchantDefinedData.field18	merchantDefinedInformation[].key = "field18" merchantDefinedInformation[].value
MerchantDefinedData.field19	merchantDefinedInformation[].key = "field19" merchantDefinedInformation[].value
MerchantDefinedData.field20	merchantDefinedInformation[].key = "field20" merchantDefinedInformation[].value
MerchantReferenceNumber	clientReferenceInformation.code
PaymentData.ACHVerificationResult	processorInformation.achVerification.resultCode Raw
PaymentData.ACHVerificationResult Mapped	processorInformation.achVerification.resultCode
PaymentData.Amount	orderInformation.amountDetails.totalAmount
PaymentData.AuthorizationCode	processorInformation.approvalCode
PaymentData.AVSRResult	processorInformation.avs.codeRaw
PaymentData.AVSRResultMapped	processorInformation.avs.code
PaymentData.BalanceAmount	paymentInformation.accountFeatures.balanceA mount
PaymentData.BalanceCurrencyCode	paymentInformation.accountFeatures.currency
PaymentData.CurrencyCode	orderInformation.amountDetails.currency
PaymentData.CVResult	processorInformation.cardVerification.resultCode
PaymentData.EVEmail	processorInformation.electronicVerification Results.email
PaymentData.EVEmailRaw	processorInformation.electronicVerification Results.emailRaw
PaymentData.EventType	NA
PaymentData.EVName	processorInformation.electronicVerification Results.name
PaymentData.EVNameRaw	processorInformation.electronicVerification Results.nameRaw

Table 18 Servlet to REST Field Mapping

Servlet Field Name	REST Field Name
PaymentData.EVPhoneNumber	processorInformation.electronicVerificationResults.phoneNumber
PaymentData.EVPhoneNumberRaw	processorInformation.electronicVerificationResults.phoneNumberRaw
PaymentData.EVPostalCode	processorInformation.electronicVerificationResults.postalCode
PaymentData.EVPostalCodeRaw	processorInformation.electronicVerificationResults.postalCodeRaw
PaymentData.EVStreet	processorInformation.electronicVerificationResults.street
PaymentData.EVStreetRaw	processorInformation.electronicVerificationResults.streetRaw
PaymentData.NumberOfInstallments	installmentInformation.numberofInstallments
PaymentData.payerAuthenticationInfo.AAV_CAVV	consumerAuthenticationInformation.cavv
PaymentData.payerAuthenticationInfo.ECI	consumerAuthenticationInformation.eciRaw
PaymentData.payerAuthenticationInfo.XID	consumerAuthenticationInformation.xid
PaymentData.PaymentProcessor	processorInformation.processor.name
PaymentData.PaymentRequestID	Not supported
PaymentData.ProcessorResponseCode	processorInformation.responseCode
PaymentData.RequestedAmount	orderInformation.amountDetails.totalAmount
PaymentData.RequestedAmountCurrencyCode	orderInformation.amountDetails.currencyCode
PaymentData.TotalTaxAmount	orderInformation.amountDetails.taxAmount
PaymentMethod.Card.AccountSuffix	paymentInformation.card.suffix
PaymentMethod.Card.BoletoNumber	paymentInformation.invoice.number
PaymentMethod.Card.CardType	paymentInformation.card.type
PaymentMethod.Card.ExpirationMonth	paymentInformation.card.expirationMonth
PaymentMethod.Card.ExpirationYear	paymentInformation.card.expirationYear
PaymentMethod.Card.IssueNumber	paymentInformation.card.issueNumber
PaymentMethod.Card.StartMonth	paymentInformation.card.startMonth
PaymentMethod.Card.StartYear	paymentInformation.card.startYear
PaymentMethod.Check.AccountSuffix	paymentInformation.bank.account.suffix
PaymentMethod.Check.CheckNumber	paymentInformation.bank.account.checkNumber
PaymentMethod.WalletType	processingInformation.paymentSolution
PredecessorRequestID	rootId
Profilelist.Profile.Name	riskInformation.profile.name

Table 18 Servlet to REST Field Mapping

Servlet Field Name	REST Field Name
Profilelist.Profile.Name	riskInformation.passiveProfile.name
Profilelist.Profile.ProfileDecision	riskInformation.profile.decision
Profilelist.Profile.ProfileDecision	riskInformation.passiveProfile.decision
Profilelist.Profile.ProfileMode	riskInformation.profiles.mode
Profilelist.Profile.RuleList.Rule.ruleDecision	riskInformation.rules[].decision
Profilelist.Profile.RuleList.Rule.ruleDecision	riskInformation.passiveRules[].decision
Profilelist.Profile.RuleList.Rule.ruleName	riskInformation.rules[].name
Profilelist.Profile.RuleList.Rule.ruleName	riskInformation.passiveRules[].name
reasonCode	applicationInformation.reasonCode
RequestDate	submitTimeUTC
RequestID	id
RiskData.AppliedAVS	processorInformation.avs.code
RiskData.AppliedCategoryGift	Not supported
RiskData.AppliedCategoryTime	Not supported
RiskData.AppliedCV	processorInformation.cardVerification.resultCode
RiskData.AppliedHostHedge	Not supported
RiskData.AppliedThreshold	Not supported
RiskData.AppliedTimeHedge	Not supported
RiskData.AppliedVelocityHedge	Not supported
RiskData.ConsumerLoyalty	Not supported
RiskData.ConsumerPasswordProvided	buyerInformation.hashedException
RiskData.ConsumerPromotions	Not supported
RiskData.CookiesAccepted	deviceInformation.cookiesAccepted
RiskData.Factors	riskInformation.score.factorCodes[]
RiskData.GiftWrap	orderInformation.shippingDetails.giftWrap
RiskData.HostSeverity	Not supported
RiskData.LostPassword	Not supported
RiskData.ProductRisk	Not supported
RiskData.RepeatCustomer	Not supported
RiskData>ReturnsAccepted	Not supported
RiskData.Score	riskInformation.score.result
RiskData.TimeLocal	riskInformation.localTime
shipping.Carrier	Not supported
shipping.Method	orderInformation.shippingDetails.shippingMethod
ShipTo.Address1	orderInformation.shipTo.address1

Table 18 Servlet to REST Field Mapping

Servlet Field Name	REST Field Name
ShipTo.Address2	orderInformation.shipTo.address2
ShipTo.City	orderInformation.shipTo.locality
ShipTo.CompanyName	orderInformation.shipTo.company
ShipTo.Country	orderInformation.shipTo.country
ShipTo.FirstName	orderInformation.shipTo.firstName
ShipTo.LastName	orderInformation.shipTo.lastName
ShipTo.Phone	orderInformation.shipTo.phoneNumber
ShipTo.State	orderInformation.shipTo.administrativeArea
ShipTo.ZipShipTo	orderInformation.shipTo.postalCode
Source	clientReferenceInformation.applicationName
status	applicationInformation.status
SubscriptionID	paymentInformation.customer.customerId
TransactionReferenceNumber	reconciliationID
User	clientReferenceInformation.applicationUser
NA	paymentInformation.card.prefix
NA	paymentInformation.invoice.barcodeNumber
NA	paymentInformation.invoice.expirationDate
NA	paymentInformation.accountFeatures.previousBalanceAmount
NA	consumerAuthenticationInformation.transactionId
pay_req_id	Not supported
order_number	Not supported
request_key	Not supported
auth_type	processingInformation.authorizationOptions.authType
auth_amount	OrderInformation.amountDetails.authorizedAmount
payment_service_data	Not supported
payment_service_data_2	Not supported
response_code	processorInformation.responseCode
type_code	Not supported
acct_enc	Not supported
acct_key	Not supported
NA	paymentInformation.paymentType.name
type	paymentInformation.paymentType.type
subType	paymentInformation.paymentType.method

Table 18 Servlet to REST Field Mapping

Servlet Field Name	REST Field Name
NA	paymentInformation.paymentType.fundingSource
NA	paymentInformation.paymentType.fundingSourceAffiliation
NA	paymentInformation.paymentType.credential
merchant_name	merchantId
order_total_amount	orderInformation.amountDetails.totalAmount
eci	processingInformation.commerceIndicator
objFxQuoteld	Not supported
accountEncoderID	paymentInformation.card.accountEncoderId paymentInformation.bank.account.encoderId
posEntryMode	pointOfSaleInformation.entryMode
terminalCapability	pointOfSaleInformation.terminalCapability
processor_trans_id	processorInformation.transactionId
override_payment_method	paymentInformation.card.useAs
payment_network_transaction_id	processorInformation.networkTransactionId
sender_reference_number	senderInformation.referenceNumber
aft_indicator	Not supported
processor_response_id	processorInformation.responseId
provider_transaction_id	processorInformation.providerTransactionId
NA	fraudMarkingInformation.reason