

Oracle Utilities Customer Care and Billing
Oracle Utilities Customer to Meter
Oracle Utilities Customer Cloud Service
Integration with Payment Processors
Implementation Guide
For Release 2.6.x and 2.7.x
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Oracle Utilities Customer Care and Billing, Oracle Utilities Customer to Meter, Oracle Utilities Customer
Cloud Service Integration with Payment Processors Implementation Guide

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Preface

Welcome to the Implementation Guide that describes the integration of Oracle Utilities Customer Care and Billing, Oracle Utilities Customer to Meter and Oracle Utilities Customer Cloud Service with third-party payment processors.

The preface includes the following:

- [Audience](#)
- [Documentation and Resources](#)
- [Documentation Accessibility](#)
- [Conventions](#)
- [Abbreviations](#)

Audience

This document is intended for anyone implementing the integration of the following products with third-party payment processors:

- Oracle Utilities Customer Care and Billing
- Oracle Utilities Customer to Meter
- Oracle Utilities Customer Cloud Service

Documentation and Resources

For more information regarding this integration, foundation technology and the edge applications, refer to the following documents:

Product Documentation

Resource	Location
OUC2M OUCCB OUCCS Integration with Payment Processors documentation	http://docs.oracle.com/cd/E72219_01/documentation.html
Oracle Utilities Customer to Meter documentation	https://docs.oracle.com/en/industries/energy-water/c2m/
Oracle Utilities Customer Care and Billing documentation	https://docs.oracle.com/en/industries/energy-water/ccb/
Oracle Utilities Customer Cloud Service documentation	https://docs.oracle.com/en/industries/utilities/customer-cloud-service/

Additional Documentation

Resource	Location
Oracle Support	Visit My Oracle Support at https://support.oracle.com regularly to stay informed about updates and patches. Access the support site for the Edge Application Certification Matrix for Oracle Utilities Products (Doc ID 1454143.1) or refer to the Oracle Utilities Integrations page at http://my.oracle.com/site/tugbu/productsindustry/productinfo/utilities/integration/index.htm
Oracle Technology Network (OTN) Latest versions of documents	http://www.oracle.com/technetwork/index.html
Oracle University for training opportunities	http://education.oracle.com/
Web Services Security	For more information about Web services security using Oracle Fusion Middleware 12c refer to https://docs.oracle.com/middleware/12211/cross/webservicetasks.htm .

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

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Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Abbreviations

The following abbreviations are used in these guides:

Term	Expanded Form
OUCCS	Oracle Utilities Customer Cloud Service
OUCCB	Oracle Utilities Customer Care and Billing
OUC2M	Oracle Utilities Customer to Meter
IWS	Inbound Web Service

Chapter 1

Integration Overview

Important! This third-party payment processing integration is applicable to any of these products: Oracle Utilities Customer Care and Billing, Oracle Utilities Customer to Meter, and Oracle Utilities Customer Cloud Service. The functionality of these products in the integration is almost similar, except for file processing - the on-premises version operates with files whereas the cloud version reads files from an object storage. Oracle Utilities Customer to Meter is used to reference the product in the document.

This chapter provides an overview of the participating applications and information regarding the business processes addressed by this integration. It also includes the specifications for Oracle Utilities Customer to Meter web service schemas and batch file layouts that are used in the third-party payment processors of one-time payments and ongoing bill automatic payments.

The following topics are included:

- [Third-Party Payment Processing](#)
- [Third-Party Payment Tender Controls Processing](#)

Third-Party Payment Processing

The third-party payment processors interact with Oracle Utilities Customer to Meter by calling the web services for account verification, one-time payment notification and auto pay setup, processing auto pay extract batch files from Oracle Utilities Customer to Meter, and sending auto pay confirmation and auto pay cancellation batch files to Oracle Utilities Customer to Meter.

The third-party payment process functionality consists of one-time payment processing and recurring automatic payment processing. This section provides an overview of these process flows:

- [One-Time Payment Processing](#)
- [Recurring Automatic Payments](#)

For more details, refer to the **Third-Party Payment Processing** chapter in the user documentation.

One-Time Payment Processing

A one-time payment is a one-off, non-recurring payment option where the third-party payment processing is authorized to collect a payment from a Utility customer's credit card or bank account.

One-time payments can be immediate or scheduled:

- Immediate one-time payments are processed on the same date that the payment is created/captured in the third-party payment processing system.
- Scheduled one-time payments are processed at a future date that the customer designates.

The base product provides an inbound web service **C1-ThirdPartyOneTimePayNotification** that receives one-time payment information from the third-party payment processor, and, based on the required action, creates/updates the payment in the system. This web service supports the following functions:

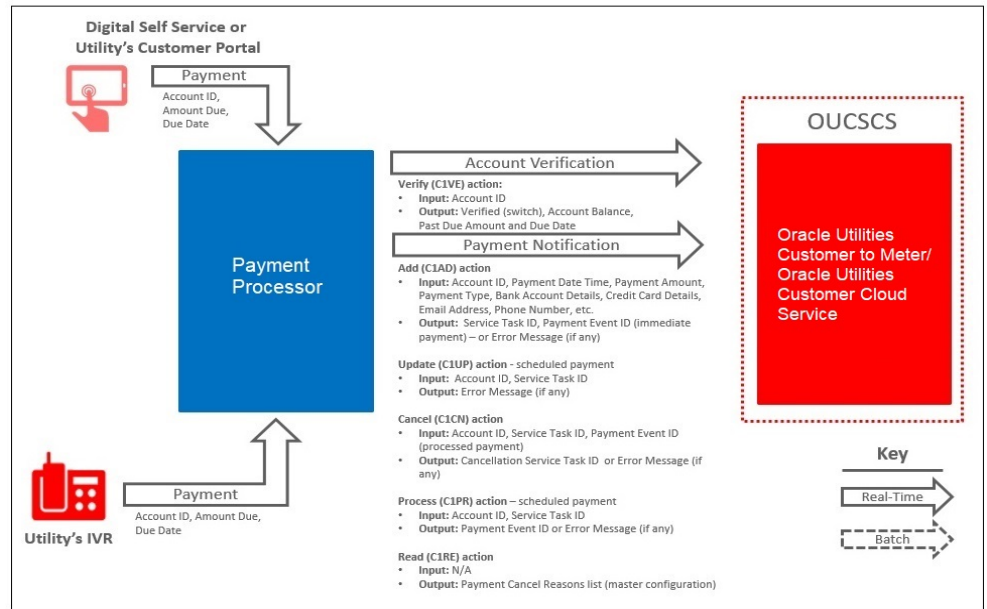
- Creating an immediate or scheduled one-time payment
- Updating a scheduled one-time payment
- Processing a scheduled one-time payment
- Canceling a processed or scheduled one-time payment

A third-party payment processing system can perform account verification prior to processing one-time payments and automatic payment enrollments. This verifies that the account exists, as well as gets specific information about the account, such as the account balance, due date, past due amount and existing auto pay information.

The base product provides an inbound web service **C1-ThirdPartyVerifyAccount** that receives an Account ID from the third-party payment processor and creates a Third Party Account Verification Task that is responsible for verifying the account. Base-supplied logic on this service task checks that the account exists and returns the account's balance, due date, past due amount (if any) and existing auto pay information (if any). Refer to the **C1-ThirdPartyAcctVerifTask** business object for more details.

Process Flow

The following diagram shows the process flow.



Recurring Automatic Payments

When the system is integrated with a third-party payment processing system, customers who opt for automatic bill payment enroll through the third-party payment processing system, where payment information that includes credit card or bank account number are captured and stored. The third-party payment processing system sends a notification when it processes new or updated account auto pay information.

The base product provides an inbound web service **C1-ThirdPartyAutoPaySetup** that receives auto pay setup information and creates a Third Party Auto Pay Setup Task, which is responsible for creating or updating the account's auto pay information. Base-supplied logic on this service task adds an account auto pay option, updates an existing account auto pay option's details or cancels an existing account auto pay option by setting its end date to the designated date. Refer to the **C1-ThirdPartyAutoPayTask** business object for more details.

For customers enrolled to automatically pay bills through a third-party payment processing system, existing auto pay processing that occurs during bill completion applies. Refer to the **Interfacing Automatic Payments To A Third Party** section in the user documentation for more details.

The difference with automatic payment processing via third-party payment processing system is that the auto pay staging records are not sent directly to the financial institution. Since routing is different, a third-party payment processing system is associated with a distinct Auto Pay Source and Auto Pay Route Type. In addition, the Auto Pay Route Type for third-party payment processing needs to be configured with an Auto Pay Date Calculation algorithm, to calculate the auto pay's extract date, payment date and GL distribution date accordingly. For instance, if the third-party payment processing processes the transaction on the same date that the transaction is sent, the algorithm can be configured such that the payment date is the same as the extract date.

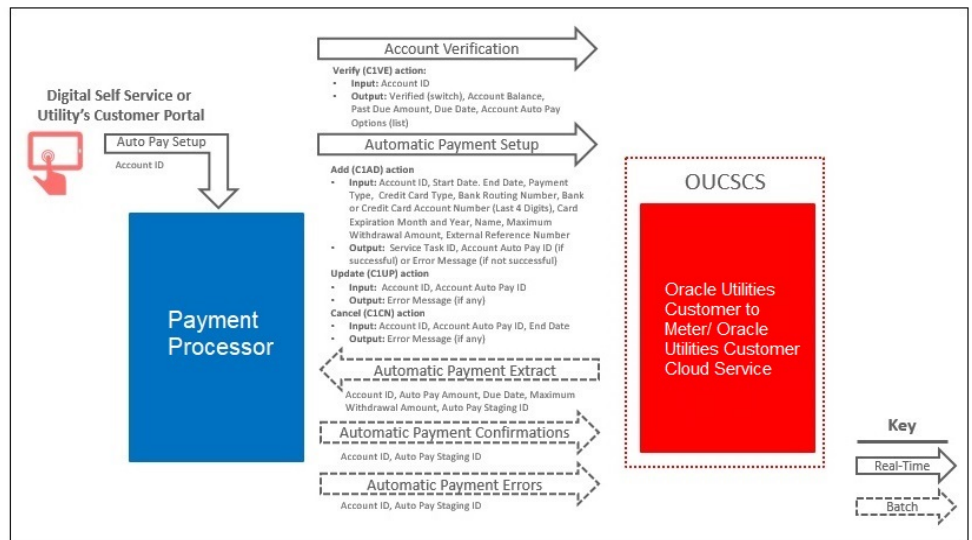
Refer to the **Define Auto Pay Sources and Auto Pay Route Types** and **Automatic Payment Dates** sections in the user documentation for more details on this configuration.

Third-party automatic payment transactions are extracted using the Third Party Auto Pay Extract (C1-TAPEX) batch process. Refer to the **Downloading Automatic Payments and Interfacing Them To The GL** section in the user documentation for details on how this batch process fits into the auto pay batch process flows.

The third-party payment processing system sends two batch files containing auto pay confirmations and auto pay errors. These are processed by the Third Party Auto Pay Confirmations (C1-TAPDF) process and Third Party Auto Pay Cancellations (C1-TAPCN) process, respectively.

Process Flow

The following diagram shows the process flow.



Third-Party Payment Tender Controls Processing

The third-party payment processing system sets the daily cutoff time for payment processing. For instance, a third-party payment processor could set the default daily processing cutoff time to 8 PM Eastern Time; but each implementation can override this processing cutoff time. The third-party's processing cutoff time is defined in the Third Party Payment Processing Integration master configuration.

For recurring bill auto pays, the system creates the payment event, payment (non-frozen), tender and auto pay staging record. The Tender Control ID is not assigned until a batch process runs and creates the tender and deposit controls for the extracted auto pay transactions.

For one-time payments, the assumption is that tender and deposit control processing are handled in the same way as the recurring auto pays. The one-time payment's tender is not be linked to a tender control at one-time payment tender creation time. Instead, the tender control is created in batch, similar to how recurring auto pay tender controls are created.

Refer to the [Batch Processes](#) section for more details on the recurring auto pay and one-time payment batch flows that include tender controls processing.

Chapter 2

Configuring the Integration

This chapter provides details on how to configure the participating applications and middle layer for the integration. It also focuses on the the web service schemas and batch file layouts used in the third-party payment processing of one-time payments and ongoing bill automatic payments.

The following are included:

- [Admin Configuration](#)
- [Inbound Web Services](#)
- [Batch Processes](#)

Admin Configuration

For information about admin configuration, refer to the **Third Party Payment Processing Options** chapter in the user documentation.

Inbound Web Services

This section lists the web services provided to allow a third-party payment processing system to invoke functions within Oracle Utilities Customer to Meter that relate to account verification, one-time payment processing, and recurring automatic payments.

- [Third-Party Account Verification \(C1-ThirdPartyVerifyAccount\)](#)
- [Third-Party One-Time Payment Notification \(C1-ThirdPartyOneTimePayNotification\)](#)
- [Third-Party Automatic Payment Setup \(C1-ThirdPartyAutoPaySetup\)](#)

Third-Party Account Verification (C1-ThirdPartyVerifyAccount)

This web service is used to verify an account either before capturing a one-time payment or before processing an auto pay setup/enrollment. It checks that an input Account ID exists in Oracle Utilities Customer to Meter, and if so, returns the account's balance, past due amount (if any), bill due and any existing account auto pay options. The existing account auto pay option information is useful when verifying the account prior to auto pay setup/enrollment. The third-party payment processors can use this to determine how to handle the auto pay enrollment request.

For example: If the account is already enrolled in auto pay, the third-party payment processor will know if the new enrollment overlaps or duplicates the existing enrollment and if the existing enrollment is just being updated.

The web service creates a service task that performs this processing. Refer to the **C1-ThirdPartyAcctVerifTask** business object in the application for more details about this service task.

The schema for this web service is as follows:

Field	Element Name	Required/Optional	Comments
Header Information (group)	head		
Action	action	Required	Value: C1VE (Verify)
Account ID	accountId	Required	
Account Verification (group)	accountVerification		
Input (group)	input		

Field	Element Name	Required/Optional	Comments
Auto Pay Reference Start Date	autoPayReferenceStartDate	Optional	Used to check if the account has existing auto pay enrollments/ options. If not supplied, service will look for auto pay enrollments) as of the current date.
Auto Pay Reference End Date	autoPayReferenceEndDate	Optional	Used to check if the account has existing auto pay enrollments/ options.
Custom Inputs (group)	customInput	Optional	Not used in CCB base logic. For implementation use only.
Field 1	field1		
Name	name		
Value	value		
Field 2	field2		
Name	name		
Value	value		
Field 3	field3		
Name	name		
Value	value		
Field 4	field4		
Name	name		
Value	value		
Field 5	field5		
Name	name		
Value	value		
Output	output		
Is Verified	isVerified		Boolean
Account Balance	accountBalance		
Past Due Amount	pastDueAmount		
Due Date	dueDate		
Auto Pay Exists	autoPayExists		Boolean
Existing Account Auto Pay			
InformationList (group)	existingAccountAutoPayInformation		
Auto Pay Start Date	autoPayStartDate		
Auto Pay End Date	autoPayEndDate		

Field	Element Name	Required/Optional	Comments
Auto Pay Source	autoPaySource		
Custom Outputs (group)	customOutput		Not used in CCB base logic. For implementation use only.
Field 1	field1		
Name	name		
Value	value		
Field 2	field2		
Name	name		
Value	value		
Field 3	field3		
Name	name		
Value	value		
Field 4	field4		
Name	name		
Value	value		
Field 5	field5		
Name	name		
Value	value		
Error Information (group)	errorInformation		
Is In Error	isInError		Boolean
Error Reference (group)	errorReference		
Message Category	category		
Message Number	number		
Error Message Text	errorMessage		

Third-Party One-Time Payment Notification (C1-ThirdPartyOneTimePayNotification)

This web service is used to notify Oracle Utilities Customer to Meter about one-time payments that are processed at a third-party payment processing system.

The actions supported are as follows:

- Adding an immediate or scheduled one-time payment
- Updating the details of a scheduled payment
- Processing a scheduled payment
- Canceling a scheduled or processed payment

The web service creates a service task that performs this processing. Refer to the **C1-ThirdPartyOneTimePayTask** business object in the application for more details.

The schema for this web service is as follows:

Field	Element Name	Required / Optional	Comments
Header Information (group)	head		
Action	action	Required	Values: <ul style="list-style-type: none"> • C1AD (Add) • C1CA (Cancel) • C1PR (Process) • C1UP (Update) • C1RE (Read)
Account ID	accountId	Required	
Payment Information (group)	paymentInfo		
Input (group)	input		
Payment DateTime	paymentDateTime	Required	As a standard, inbound and outbound communication with an external system use the standard xsd datetime format - yyyy-MM-ddT"hh:mm:ss[+ -]hh:mm Example: 2017-02-28T09:15:00-08:00
Payment Amount	paymentAmount	Required	
Currency	currency	Optional	If not supplied, CCB will use the currency that is designated on the account. Note: This is for payment processing systems that support multi-currency.
Payment Type	paymentType	Required	The base product provides the following values: <ul style="list-style-type: none"> • CREDITCARD • CHECKING • SAVINGS This is a customizable lookup field. Implementations can add their specific values.
Bank Account Information	bankAccountInfo		Required IF Payment Type is CHECKING or SAVINGS.

Field	Element Name	Required / Optional	Comments
Account Number	accountNumber		This should contain only the partial number. For example: The last four digits of the account number
Routing Number	routingNumber		This routing number should be one that is configured on one of the Auto Pay Sources in CCB. (Reason: Auto Pay Source is a required field on the Account Auto Pay which is used to store the enrollment details)
Account Name	accountName		
Credit Card Information	creditCardInfo		This group is required if Payment Type is CREDITCARD.
Card Type	cardType		The base product provides the following values: <ul style="list-style-type: none"> • C1AM (American Express) • C1DV (Discover) • C1MC (MasterCard) • C1VS (Visa) This is a customizable lookup field. Implementations can add their specific values.
Card Number	cardNumber		This should contain only the partial number. For example: The last four digits of the card number
Account Name	accountName		
Expiry Month	expMonth		Format: MM
Expiry Year	expYear		Format: YYYY
Billing Zip Code	zipCode		
Email Address	email	Optional	
Phone Number	phone	Optional	
External Reference Number	extReferenceNumber	Optional	From the third party processor. Can be used to send the payment confirmation number that was sent to the customer. CCB can store this for informational purposes.

Field	Element Name	Required / Optional	Comments
External Parent Reference Number	extParentRefNumber	Optional	From the third party processor. Can be used to send the confirmation number of the original payment that is being canceled. CCB can store this for informational purposes.
External Status	extStatus	Optional	This is the status from the third party processor. CCB can store this for informational purposes.
Custom Inputs (group)	customInput	Optional	Not used in CCB base logic. For implementation use only.
Field 1	field1		
Name	name		
Value	value		
Field 2	field2		
Name	name		
Value	value		
Field 3	field3		
Name	name		
Value	value		
Field 4	field4		
Name	name		
Value	value		
Field 5	field5		
Name	name		
Value	value		
Input / Output (group)	input		
Service Task ID	serviceTaskId		Output on add (C1AD) action. This is a required input on cancel (C1CA) of a processed payment. This is a required input on cancel (C1CA), update (C1UP) or process (C1PR) of a scheduled (future-dated) payment.

Field	Element Name	Required / Optional	Comments
Payment Event ID	paymentEventId		Output on add (C1AD) and process (C1PR) actions. This is a required input on cancel (C1CA) of a processed payment.
Payment Cancel Reason	cancelReason		Required input on cancel (C1CA) of a processed payment. This must be a valid Pay Cancel Reason defined in the system.
Output (group)	output		
Cancellation Service Task ID	cancellationServiceTaskId		Output on cancel (C1CA) action
Payment Cancel Reasons List	payCancelReasonsList		Output on read (C1RE) action
Cancel Reason	cancelReason		
Cancel Reason Description	description		
Informational Message	infoMessage		Output on cancel (C1CA) action when the input Cancel Reason is invalid or not supplied. The message will indicate that the system default cancel reason was used.
Custom Outputs (group)	customOutput	Optional	Not used in CCB base logic. For implementation use only.
Field 1	field1		
Name	name		
Value	value		
Field 2	field2		
Name	name		
Value	value		
Field 3	field3		
Name	name		
Value	value		
Field 4	field4		
Name	name		
Value	value		
Field 5	field5		

Field	Element Name	Required / Optional	Comments
Name	name		
Value	value		
Error Information (group)	errorInformation		
Is In Error	isInError		Boolean
Error Reference (group)	errorReference		
Message Category	category		
Message Number	number		
Error Message Text	errorMessage		

Third-Party Automatic Payment Setup (C1-ThirdPartyAutoPaySetup)

This web service is used to set up an account for recurring automatic payments, such as automatic bill pay. Oracle Utilities Customer to Meter creates an Account Auto Pay record using the supplied information.

The web service creates a service task that performs this processing. Refer to the **C1-ThirdPartyAutoPayTask** business object in the application for more details.

Field	Element Name	Required / Optional	Comments
Header Information (group)	head		
Action	action	Required	Values: <ul style="list-style-type: none"> • C1AD (Add) • C1CN (Cancel) • C1UP (Update)
Account ID	accountId	Required	
Auto Pay Information (group)	autoPayInformation		
Input (group)	input		
Start Date	startDate		Required if Action is add (C1AD) or update (C1UP)
End Date	endDate		Required if Action is C1CN
Payment Type	paymentType	Required	The base product provides the following values: <ul style="list-style-type: none"> • CREDITCARD • CHECKING • SAVINGS This is a customizable lookup field. Implementations can add their specific values.

Field	Element Name	Required / Optional	Comments
Credit Card Type	cardType		<p>Required if Payment Type is CREDITCARD. The base product provides the following values:</p> <ul style="list-style-type: none"> • C1AM (American Express) • C1DV (Discover) • C1MC (MasterCard) • C1VS (Visa) <p>This is a customizable lookup field. Implementations can add their specific values.</p>
Account Number	externalAccountId	Required	Applicable to all Payment Types. This should be a partial number. For example: The last four digits of the account/card number.
Expiry Month	expMonth		Required if Payment Type is CREDITCARD
Expiry Year	expYear		Required if Payment Type is CREDITCARD
Name on Account	name	Required	
Routing Number	bankRoutingNumber		<p>Routing number should be one that is configured on one of the Auto Pay Sources in CCB.</p> <p>(Reason: Auto Pay Source is a required field on the Account Auto Pay which is used to store the enrollment details)</p>
Maximum Amount	maxWithdrawAmount	Optional	
External Reference Number	externalReferenceNumber	Optional	From the third party processor. Can be used to send the confirmation number that was sent to the customer. CCB can store this for informational purposes.
Custom Inputs (group)	customInput	Optional	Not used in CCB base logic. For implementation use only.
Field 1	field1		
Name	name		
Value	value		
Field 2	field2		

Field	Element Name	Required / Optional	Comments
Name	name		
Value	value		
Field 3	field3		
Name	name		
Value	value		
Field 4	field4		
Name	name		
Value	value		
Field 5	field5		
Name	name		
Value	value		
Input / Output (group)	inputOutput		
Account Auto Pay ID	autoPayId		This is output on add (C1AD) action. It is a required input on an update (C1UP) or a cancel (C1CN) action.
Output (group)	output		
Custom Outputs (group)	customOutput	Optional	Not used in CCB base logic. For implementation use only.
Field 1	field1		
Name	name		
Value	value		
Field 2	field2		
Name	name		
Value	value		
Field 3	field3		
Name	name		
Value	value		
Field 4	field4		
Name	name		
Value	value		
Field 5	field5		
Name	name		
Value	value		

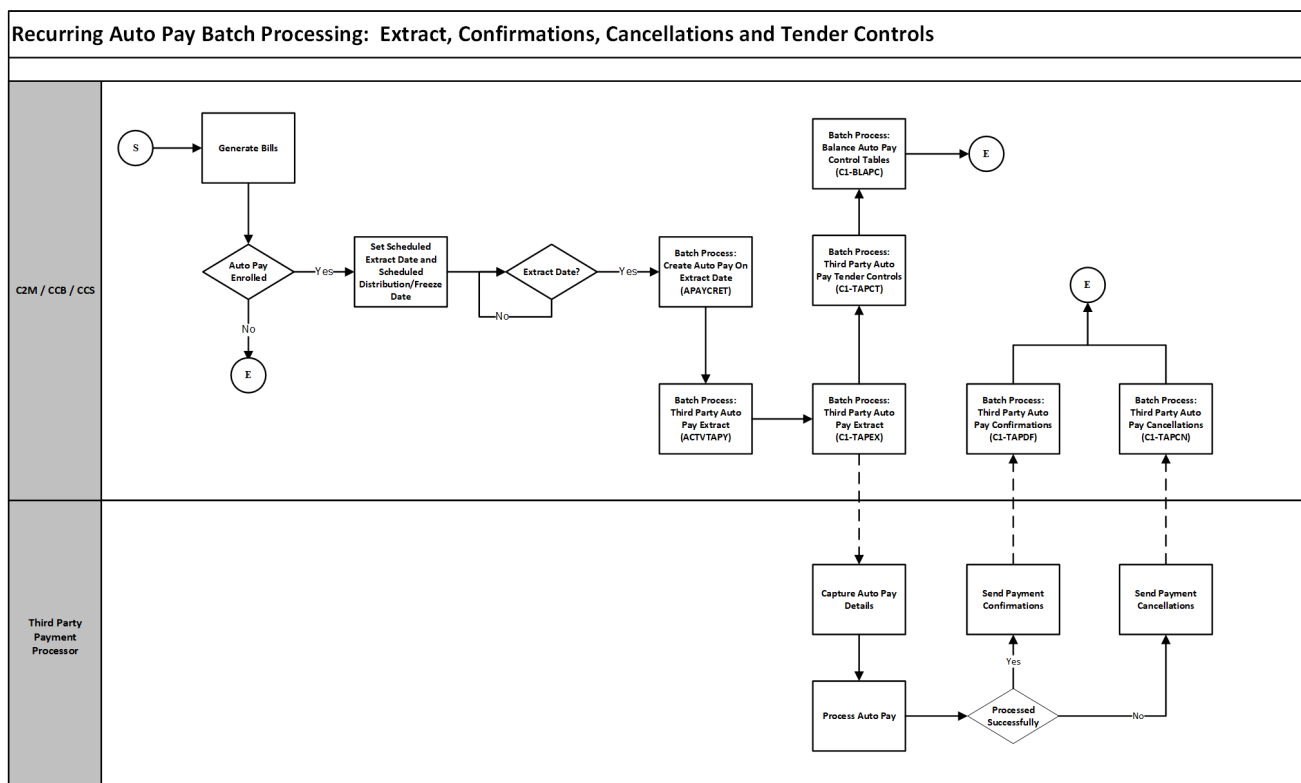
Field	Element Name	Required / Optional	Comments
Error Information (group)	errorInformation		
Is In Error	isInError		Boolean
Error Reference (group)	errorReference		
Message Category	category		
Message Number	number		
Error Message Text	errorMessage		

Batch Processes

This section describes the batch processes used in processing recurring automatic bill payments through third-party payment processing systems:

- [Batch Flow - Recurring Automatic Payment Processing and Tender Controls](#)
- [Batch Flow - One-Time Payment Tender Controls](#)

Batch Flow - Recurring Automatic Payment Processing and Tender Controls



This flow includes the following:

- [Third-Party Auto Pay Extract \(C1-TAPEX\)](#)
- [Third-Party Auto Pay Confirmations\(C1-TAPDF\)](#)

- [Third-Party Auto Pay Cancellations \(C1-TAPCN\)](#)
- [Third-Party Auto Pay Tender Controls \(C1-TAPCT\)](#)

Third-Party Auto Pay Extract (C1-TAPEX)

This batch process is responsible for extracting bill auto pay transactions that are scheduled to be processed by a third-party payment processing system.

The plug-in driven batch process is delivered with a Select Records algorithm and a Process Record algorithm. Refer to the C1-TAPEX-PR and C1-TAPEX-SR algorithm type descriptions in the application for more details.

Refer to the **Interfacing Automatic Payments To A Third Party** in the user documentation for more details.

Third-Party Automatic Payment File (from CCB)

This is the output file of the Third Party Auto Pay Extract (C1-TAPEX) process. Each detail record in this file will contain comma-separated values (CSV) that include the following:

Field	Comments
Account ID	Unique identifier of the Account in CCB
Auto Pay Amount	
Due Date	
Maximum Withdrawal Amount	If applicable
Auto Pay Staging ID	Unique identifier of the auto pay transaction record in CCB. This needs to be passed back when the third-party payment processing system sends subsequent auto pay confirmation or cancellation.

A footer record in this file contains the following:

Field	Comments
Total Number of Records	Total number of auto pay detail records in the file
Total Amount	Sum of auto pay amounts in the file

Third-Party Auto Pay Confirmations(C1-TAPDF)

This batch process receives a file containing the IDs of auto pay transactions that the third-party payment processing system had processed successfully. For each auto pay transaction, the associated payment is distributed and frozen, to reflect on the account's outstanding balance.

This plug-in driven batch process is delivered with a Process Record algorithm. Refer to the C1-TAPDF-PR algorithm type description in the application for more details.

Third-Party Automatic Payment Confirmation File (To CCB)

This is the input file for the Automatic Payment Confirmation (C1-TAPDF) process. Each record in this file should contain comma-separated values (CSV) that include the following:

Field	Comments
Account ID	Unique identifier of the Account in CCB
Auto Pay Staging ID	Unique identifier of the auto pay transaction record in CCB. This information is sent with the Automatic Payments File. CCB needs this to locate the pending transaction.
Payment DateTime	As a standard, inbound and outbound communication with an external system use the standard xsd datetime format - yyyy-MM-dd'T'hh:mm:ss[+ -]hh:mm Example: 2017-02-28T09:15:00-08:00

Third-Party Auto Pay Cancellations (C1-TAPCN)

This batch process receives a file containing the IDs of auto pay transactions that the third-party payment processing system did not process successfully. For each auto pay transaction, the associated tender and payment are canceled, leaving the account's outstanding balance unchanged.

This plug-in driven batch process is delivered with a Process Record algorithm. Refer to the C1-TAPCN-PR algorithm type description in the application for more details.

Refer to the **Automatic Payment Confirmations and Cancellations** section in the user documentation for more details.

Third Party Automatic Payment Error File (To CCB)

This is the input file for the Third Party Auto Pay Cancellations (C1-TAPCN) process. Each record in this file should contain comma-separated values (CSV) that include the following:

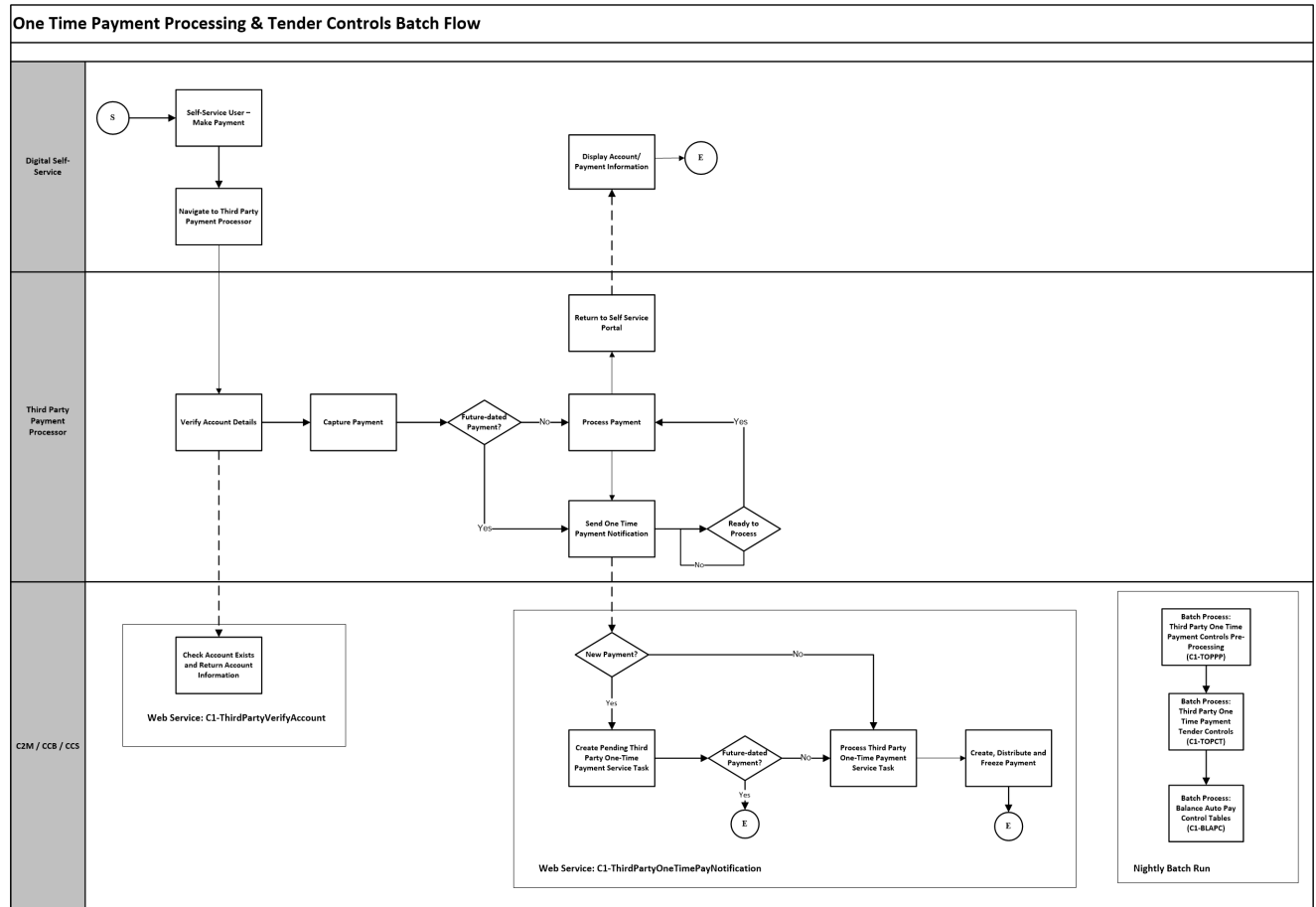
Field	Comments
Account ID	Unique identifier of the Account in CCB
Auto Pay Staging ID	Unique identifier of the auto pay transaction record in CCB. CCB needs this to locate the pending transaction.

Third-Party Auto Pay Tender Controls (C1-TAPCT)

This batch process creates a new tender control (with an associated deposit control) for each batch control and run number encountered for third-party bill automatic payments that are not already linked to a tender control.

This plug-in driven batch process is delivered with a Select Records algorithm and a Process Record algorithm. Refer to the C1-TPCT-SR and C1-BLAPY-PR algorithm type descriptions in the application for more details.

Batch Flow - One-Time Payment Tender Controls



This section includes the following:

- [Third-Party One-Time Payment Controls Pre-Processing \(C1-TOPPP\)](#)
- [Third-Party One-Time Payment Tender Controls \(C1-TOPCT\)](#)

Third-Party One-Time Payment Controls Pre-Processing (C1-TOPPP)

This batch process ensures that the one-time payment tender control includes payments that were processed within the designated cutoff time.

This batch process will retrieve auto pay staging records and check the processing date/time from the associated payment tender's characteristic. If the processing date/time is past the cut-off defined in the third-party integration master configuration, the batch number will be updated to the next batch number, which indicates that the record will not be processed.

This plug-in driven batch process is delivered with a Select Records algorithm and a Process Record algorithm. Refer to the C1-TOPPP-SR and C1-TOPPP-PR algorithm type descriptions in the application for more details.

Note: The Third Party Payment Pre-Processing batch control is stamped on the auto pay staging record as soon as the one-time payment is created and frozen. A post-processing script defined in the Third

Party Payment Processing Integration master configuration does this. Refer to the **Third-Party One-Time Payment - Post-Processing script (C1POSTTPOTP)** section for more details. This script gets the batch code from the **One-Time Payment Pre-Processing** section of the master configuration where the C1-TOPPP batch control should be defined.

Third-Party One-Time Payment Tender Controls (C1-TOPCT)

This batch process creates a new tender control (with an associated deposit control) for each batch control and run number encountered for third-party one-time payments that are not already linked to a tender control.

This plug-in driven batch process is delivered with a Select Records algorithm and a Process Record algorithm. Refer to the C1-TPCT-SR and C1-BLAPY-PR algorithm type descriptions in the application for more details.

Refer to the **Automatic Payment Confirmations and Cancellations** section in the user documentation for more details.

Appendix A

Inbound Web Services - XML Request and Response Samples

This appendix focuses on the Oracle Utilities Customer to Meter payment web services - XML Request and XML Response. Following are XML Request and XML Response samples:

- [Account Verification](#)
- [Autopay Setup](#)
- [One Time Payment](#)

Account Verification

Following is the XML Request and Response sample for Account Verification:

REQUEST	RESPONSE
<pre> <soapenv:Envelope xmlns:c1 = "http://ouaf.oracle.com/ webservices/c1/C1-ThirdPartyVerifyAccount" xmlns:soapenv = "http://schemas.xmlsoap.org/soap/envelope/"> <soapenv:Header></soapenv:Header> <soapenv:Body> <c1:C1-ThirdPartyVerifyAccount> <c1:head> <c1:action>C1VE</c1:action> <c1:accountId>8071815031</c1:accountId> </c1:head> <c1:accountVerification> <c1:input> <c1:autoPayReferenceStartDate>2018- 12-02</c1:autoPayReferenceStartDate> <c1:autoPayReferenceEndDate></ c1:autoPayReferenceEndDate> <c1:customInput> <c1:field1> <c1:name/> <c1:value/> </c1:field1> <c1:field2> <c1:name/> <c1:value/> </c1:field2> <c1:field3> <c1:name/> <c1:value/> </c1:field3> <c1:field4> <c1:name/> <c1:value/> </c1:field4> <c1:field5> <c1:name/> <c1:value/> </c1:field5> </c1:customInput> </c1:input> <c1:output> <c1:isVerified/> <c1:accountBalance/> <c1:pastDueAmount/> <c1:dueDate/> <c1:customOutput> </pre>	<pre> http://schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header> <wsse:Security SOAP-ENV:mustUnderstand = "1" xmlns:wsse = "http://docs.oasis-open.org/wss/2004/01/oasis- 200401-wss-wssecurity-secext-1.0.xsd"> <wsu:Timestamp xmlns:wsu = "http://docs.oasis- open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility- 1.0.xsd"> <wsu:Created>2018-02-01T10:37:50Z</ wsu:Created> <wsu:Expires>2018-02-01T10:38:50Z</ wsu:Expires> </wsu:Timestamp> </wsse:Security> </SOAP-ENV:Header> <SOAP-ENV:Body> <ouaf:C1-ThirdPartyVerifyAccount xmlns:xsi = "http:// www.w3.org/2001/XMLSchema-instance" xmlns:ouaf = "http://ouaf.oracle.com/webservices/c1/C1- ThirdPartyVerifyAccount"> <ouaf:head> <ouaf:action>C1VE</ouaf:action> <ouaf:accountId>8071815031</ouaf:accountId> </ouaf:head> <ouaf:accountVerification> <ouaf:input> <ouaf:autoPayReferenceStartDate>2018-12-02</ ouaf:autoPayReferenceStartDate> <ouaf:autoPayReferenceEndDate/> <ouaf:customInput> <ouaf:field1> <ouaf:name/> <ouaf:value/> </ouaf:field1> <ouaf:field2> <ouaf:name/> <ouaf:value/> </ouaf:field2> </ouaf:customInput> </ouaf:input> </ouaf:accountVerification> </ouaf:C1-ThirdPartyVerifyAccount> </SOAP-ENV:Body> </SOAP-ENV:Header> </pre>

REQUEST

```

<soapenv:Envelope xmlns:c1 = "http://ouaf.oracle.com/
webservices/c1/C1-ThirdPartyVerifyAccount"
xmlns:soapenv = "http://schemas.xmlsoap.org/soap/
envelope/">
  <soapenv:Header></soapenv:Header>
  <soapenv:Body>
    <c1:C1-ThirdPartyVerifyAccount>
      <c1:head>
        <c1:action>C1VE</c1:action>
        <c1:accountId>8071815031</c1:accountId>
      </c1:head>
    <c1:field1>
      <c1:name/>
      <c1:value/>
    </c1:field1>
    <c1:field2>
      <c1:name/>
      <c1:value/>
    </c1:field2>
    <c1:field3>
      <c1:name/>
      <c1:value/>
    </c1:field3>
    <c1:field4>
      <c1:name/>
      <c1:value/>
    </c1:field4>
    <c1:field5>
      <c1:name/>
      <c1:value/>
    </c1:field5>
    </c1:customOutput>
    </c1:output>
    </c1:accountVerification>
    <c1:errorInformation>
    <c1:isInError>>false</c1:isInError>
    <c1:errorReference>
    <c1:category/>
    <c1:number/>
    </c1:errorReference>
    <c1:errorMessage/>
    </c1:errorInformation>
    </c1:C1-ThirdPartyVerifyAccount>
  </soapenv:Body>
</soapenv:Envelope>

```

RESPONSE

```

<wsse:Security SOAP-ENV:mustUnderstand = "1"
xmlns:wsse = "http://docs.oasis-open.org/wss/2004/01/
oasis-200401-wss-wssecurity-secext-1.0.xsd">
  <wsu:Timestamp xmlns:wsu = "http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
    <wsu:Created>2018-02-01T10:37:50Z</
wsu:Created>
    <wsu:Expires>2018-02-01T10:38:50Z</
wsu:Expires>
  </wsu:Timestamp>
</wsse:Security>
</SOAP-ENV:Header>
<SOAP-ENV:Body>
  <ouaf:C1-ThirdPartyVerifyAccount xmlns:xsi = "http://
www.w3.org/2001/XMLSchema-instance" xmlns:ouaf =
"http://ouaf.oracle.com/webservices/c1/C1-
ThirdPartyVerifyAccount">
    <ouaf:head>
      <ouaf:action>C1VE</ouaf:action>
      <ouaf:accountId>8071815031</ouaf:accountId>
    </ouaf:head>
    <ouaf:accountVerification>
      <ouaf:input>
        <ouaf:autoPayReferenceStartDate>2018-12-02</
ouaf:autoPayReferenceStartDate>
        <ouaf:autoPayReferenceEndDate/>
        <ouaf:customInput>
          <ouaf:field1>
            <ouaf:name/>
          </ouaf:field2>
          <ouaf:field3>
            <ouaf:name/>
            <ouaf:value/>
          </ouaf:field3>
          <ouaf:field4>
            <ouaf:name/>
            <ouaf:value/>
          </ouaf:field4>
          <ouaf:field5>
            <ouaf:name/>
            <ouaf:value/>
          </ouaf:field5>
        </ouaf:customInput>
      </ouaf:input>
    <ouaf:output>

```

REQUEST	RESPONSE
	<pre data-bbox="873 218 1511 1486"><ouaf:isVerified>true</ouaf:isVerified> <ouaf:accountBalance>66.77</ ouaf:accountBalance> <ouaf:pastDueAmount>66.77</ ouaf:pastDueAmount> <ouaf:dueDate>2017-02-16</ouaf:dueDate> <ouaf:autoPayExists>true</ouaf:autoPayExists> <ouaf:existingAccountAutoPayInformationList> <ouaf:existingAccountAutoPayInformation> <ouaf:autoPayStartDate>2018-12-02</ ouaf:autoPayStartDate> <ouaf:autoPayEndDate>2018-12-03</ ouaf:autoPayEndDate> <ouaf:autoPaySource>Mastercard - DSS</ ouaf:autoPaySource> </ouaf:existingAccountAutoPayInformation> </ ouaf:existingAccountAutoPayInformationList> <ouaf:customOutput> <ouaf:field1> <ouaf:name/> <ouaf:value/> </ouaf:field1> <ouaf:field2> <ouaf:name/> <ouaf:value/> </ouaf:field2> </ouaf:field2> <ouaf:field3> <ouaf:name/> <ouaf:value/> </ouaf:field3> </ouaf:field3> <ouaf:field4> <ouaf:name/> <ouaf:value/> </ouaf:field4> </ouaf:field4> <ouaf:field5> <ouaf:name/> <ouaf:value/> </ouaf:field5> </ouaf:field5></pre>

REQUEST**RESPONSE**

```
<ouaf:field3>
    <ouaf:name/>
    <ouaf:value/>
</ouaf:field3>
<ouaf:field4>
    <ouaf:name/>
    <ouaf:value/>
</ouaf:field4>
<ouaf:field5>
    <ouaf:name/>
    <ouaf:value/>
</ouaf:field5>
</ouaf:customOutput>
</ouaf:output>
</ouaf:accountVerification>
<ouaf:errorInformation>
    <ouaf:isInError>>false</ouaf:isInError>
    <ouaf:errorReference>
        <ouaf:category xsi:nil = "true"/>
        <ouaf:number xsi:nil = "true"/>
    </ouaf:errorReference>
    <ouaf:errorMessage/>
</ouaf:errorInformation>
</ouaf:C1-ThirdPartyVerifyAccount>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Autopay Setup

This section lists the XML Request and Response samples for the Autopay Setup service.

ADD

REQUEST	RESPONSE
<pre> <soapenv:Envelope xmlns:soapenv="http:// schemas.xmlsoap.org/soap/envelope/" xmlns:c1="http:// ouaf.oracle.com/webservices/c1/C1- ThirdPartyAutoPaySetup"> <soapenv:Header/> <soapenv:Body> <c1:C1-ThirdPartyAutoPaySetup> <c1:head> <c1:action>C1AD</c1:action> <c1:accountId>2593741614</c1:accountId> </c1:head> <c1:autoPayInformation> <c1:input> <c1:startDate>2018-02-01</c1:startDate> <c1:endDate></c1:endDate> <c1:paymentType>CREDITCARD</ c1:paymentType> <c1:cardType>C1MC</c1:cardType> <c1:externalAccountId>12345678</ c1:externalAccountId> <c1:expMonth></c1:expMonth> <c1:expYear></c1:expYear> <c1:name>Robert Fournier</c1:name> <c1:bankRoutingNumber></ c1:bankRoutingNumber> <c1:maxWithdrawAmount></ c1:maxWithdrawAmount> </pre>	<pre> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http:// schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header> <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/ oasis-200401-wss-wssecurity-secext-1.0.xsd"> <wsu:Timestamp xmlns:wsu="http://docs.oasis- open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility- 1.0.xsd"> <wsu:Created>2018-02-01T11:04:33Z</ wsu:Created> <wsu:Expires>2018-02-01T11:05:33Z</ wsu:Expires> </wsu:Timestamp> </wsse:Security> </SOAP-ENV:Header> <SOAP-ENV:Body> <ouaf:C1-ThirdPartyAutoPaySetup xmlns:xsi="http:// www.w3.org/2001/XMLSchema-instance" xmlns:ouaf="http://ouaf.oracle.com/webservices/c1/C1- ThirdPartyAutoPaySetup"> <ouaf:head> <ouaf:action>C1AD</ouaf:action> <ouaf:accountId>2593741614</ouaf:accountId> </ouaf:head> <ouaf:autoPayInformation> <ouaf:input> <ouaf:startDate>2018-02-01</ouaf:startDate> <ouaf:endDate/> </pre>

REQUEST	RESPONSE
<pre> <c1:externalReferenceNumber></ c1:externalReferenceNumber> <c1:customInput> <c1:field1> <c1:name></c1:name> <c1:value></c1:value> </c1:field1> <c1:field2> <c1:name></c1:name> <c1:value></c1:value> </c1:field2> <c1:field3> <c1:name></c1:name> <c1:value></c1:value> </c1:field3> <c1:field4> <c1:name></c1:name> <c1:value></c1:value> </c1:field4> <c1:field5> <c1:name></c1:name> <c1:value></c1:value> </c1:field5> </c1:customInput> </c1:input> <c1:inputOutput> <c1:autoPayId></c1:autoPayId> </c1:inputOutput> <c1:output> <c1:customOutput> <c1:field1> <c1:name></c1:name> <c1:value></c1:value> </c1:field1> <c1:field2> <c1:name></c1:name> <c1:value></c1:value> </c1:field2> <c1:field3> <c1:name></c1:name> <c1:value></c1:value> </c1:field3> <c1:field4> <c1:name></c1:name> <c1:value></c1:value> </c1:field4> <c1:field5> <c1:name></c1:name> <c1:value></c1:value> </c1:field5> </c1:customOutput> </pre>	<pre> <ouaf:paymentType>CREDITCARD</ouaf:paymentType> <ouaf:cardType>C1MC</ouaf:cardType> <ouaf:externalAccountId>12345678</ ouaf:externalAccountId> <ouaf:expMonth/> <ouaf:expYear/> <ouaf:name>Robert Fournier</ouaf:name> <ouaf:bankRoutingNumber/> <ouaf:maxWithdrawAmount/> <ouaf:externalReferenceNumber/> <ouaf:customInput> <ouaf:field1> <ouaf:name/> <ouaf:value/> </ouaf:field1> <ouaf:field2> <ouaf:name/> <ouaf:value/> </ouaf:field2> <ouaf:field3> <ouaf:name/> <ouaf:value/> </ouaf:field3> <ouaf:field4> <ouaf:name/> <ouaf:value/> </ouaf:field4> <ouaf:field5> <ouaf:name/> <ouaf:value/> </ouaf:field5> </ouaf:customInput> </ouaf:input> <ouaf:inputOutput> <ouaf:autoPayId>2595338514</ouaf:autoPayId> </ouaf:inputOutput> <ouaf:output> <ouaf:customOutput> <ouaf:field1> <ouaf:value/> </ouaf:field1> <ouaf:field2> <ouaf:name/> <ouaf:value/> </ouaf:field2> </pre>

REQUEST	RESPONSE
<pre> </c1:output> </c1:autoPayInformation> <c1:errorInformation> <c1:isInError>>false</c1:isInError> <c1:errorReference> <c1:category></c1:category> <c1:number></c1:number> </c1:errorReference> <c1:errorMessage></c1:errorMessage> </c1:errorInformation> </c1:C1-ThirdPartyAutoPaySetup> </soapenv:Body> </soapenv:Envelope> </pre>	<pre> <ouaf:field3> <ouaf:name/> <ouaf:value/> </ouaf:field3> <ouaf:field4> <ouaf:name/> <ouaf:value/> </ouaf:field4> <ouaf:field5> <ouaf:name/> <ouaf:value/> </ouaf:field5> </ouaf:customOutput> </ouaf:output> </ouaf:autoPayInformation> <ouaf:errorInformation> <ouaf:isInError>>false</ouaf:isInError> <ouaf:errorReference> <ouaf:category xsi:nil="true"/> <ouaf:number xsi:nil="true"/> </ouaf:errorReference> <ouaf:errorMessage/> </ouaf:errorInformation> </ouaf:C1-ThirdPartyAutoPaySetup> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>

UPDATE

REQUEST	RESPONSE
<pre> <soapenv:Envelope xmlns:soapenv="http:// schemas.xmlsoap.org/soap/envelope/" xmlns:c1="http:// ouaf.oracle.com/webservices/c1/C1- ThirdPartyAutoPaySetup"> <soapenv:Header/> <soapenv:Body> <c1:C1-ThirdPartyAutoPaySetup> <c1:head> <c1:action>C1UP</c1:action> <c1:accountId>2812980137</c1:accountId> </c1:head> <c1:autoPayInformation> <c1:input> </pre>	<pre> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http:// schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header> <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/ oasis-200401-wss-wssecurity-secext-1.0.xsd"> <wsu:Timestamp xmlns:wsu="http://docs.oasis-open.org/ wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"> <wsu:Created>2018-02-01T11:11:18Z</wsu:Created> </pre>

REQUEST	RESPONSE
<pre> <c1:startDate>2018-02-10</c1:startDate> <c1:endDate></c1:endDate> <c1:paymentType>CREDITCARD</ c1:paymentType> <c1:cardType>C1MC</c1:cardType> <c1:externalAccountId>987654321</ c1:externalAccountId> <c1:expMonth></c1:expMonth> <c1:expYear></c1:expYear> <c1:name>Ravi,Ternate</c1:name> <c1:bankRoutingNumber></c1:bankRoutingNumber> <c1:maxWithdrawAmount></ c1:maxWithdrawAmount> <c1:externalReferenceNumber></ c1:externalReferenceNumber> <c1:customInput> <c1:field1> <c1:name></c1:name> <c1:value></c1:value> </c1:field1> <c1:field2> <c1:name></c1:name> <c1:value></c1:value> </c1:field2> <c1:field3> <c1:name></c1:name> <c1:value></c1:value> </c1:field3> <c1:field4> <c1:name></c1:name> <c1:value></c1:value> </c1:field4> <c1:field5> <c1:name></c1:name> <c1:value></c1:value> </c1:field5> </c1:customInput> </c1:input> <c1:inputOutput> <c1:autoPayId>2814923961</c1:autoPayId> </c1:inputOutput> <c1:output> <c1:customOutput> <c1:field1> <c1:name></c1:name> <c1:value></c1:value> </c1:field1> <c1:field2> <c1:name></c1:name> <c1:value></c1:value> </c1:field2> </pre>	<pre> <wsu:Expires>2018-02-01T11:12:18Z</wsu:Expires> </wsu:Timestamp> </wsse:Security> </SOAP-ENV:Header> <SOAP-ENV:Body> <ouaf:C1-ThirdPartyAutoPaySetup xmlns:xsi="http:// www.w3.org/2001/XMLSchema-instance" xmlns:ouaf="http://ouaf.oracle.com/webservices/c1/C1- ThirdPartyAutoPaySetup"> <ouaf:head> <ouaf:action>C1UP</ouaf:action> <ouaf:accountId>2812980137</ouaf:accountId> </ouaf:head> <ouaf:autoPayInformation> <ouaf:input> <ouaf:startDate>2018-02-10</ouaf:startDate> <ouaf:endDate/> <ouaf:paymentType>CREDITCARD</ouaf:paymentType> <ouaf:cardType>C1MC</ouaf:cardType> <ouaf:externalAccountId>987654321</ ouaf:externalAccountId> <ouaf:expMonth/> <ouaf:expYear/> <ouaf:name>Ravi,Ternate</ouaf:name> <ouaf:bankRoutingNumber/> <ouaf:maxWithdrawAmount/> <ouaf:externalReferenceNumber/> <ouaf:customInput> <ouaf:field1> <ouaf:name/> <ouaf:value/> </ouaf:field1> <ouaf:field2> <ouaf:name/> <ouaf:value/> </ouaf:field2> <ouaf:field3> <ouaf:name/> <ouaf:value/> </ouaf:field3> <ouaf:field4> <ouaf:name/> <ouaf:value/> </ouaf:field4> <ouaf:field5> </pre>

REQUEST	RESPONSE
<pre> <c1:field3> <c1:name></c1:name> <c1:value></c1:value> </c1:field3> <c1:field4> <c1:name></c1:name> <c1:value></c1:value> </c1:field4> <c1:field5> <c1:name></c1:name> <c1:value></c1:value> </c1:field5> </c1:customOutput> </c1:output> </c1:autoPayInformation> <c1:errorInformation> <c1:isInError>>false</c1:isInError> <c1:errorReference> <c1:category></c1:category> <c1:number></c1:number> </c1:errorReference> <c1:errorMessage></c1:errorMessage> </c1:errorInformation> </c1:C1-ThirdPartyAutoPaySetup> </soapenv:Body> </soapenv:Envelope> </pre>	<pre> <ouaf:name/> <ouaf:value/> </ouaf:field5> </ouaf:customInput> </ouaf:input> <ouaf:inputOutput> <ouaf:autoPayId>2815522663</ouaf:autoPayId> </ouaf:inputOutput> <ouaf:output> <ouaf:customOutput> <ouaf:field1> <ouaf:name/> <ouaf:value/> </ouaf:field1> <ouaf:field2> <ouaf:name/> <ouaf:value/> </ouaf:field2> </ouaf:field3> <ouaf:name/> <ouaf:value/> </ouaf:field3> <ouaf:field4> <ouaf:name/> <ouaf:value/> </ouaf:field4> <ouaf:field5> <ouaf:name/> <ouaf:value/> </ouaf:field5> </ouaf:customOutput> </ouaf:output> </ouaf:autoPayInformation> <ouaf:errorInformation> <ouaf:isInError>>false</ouaf:isInError> <ouaf:errorReference> <ouaf:category xsi:nil="true"/> <ouaf:number xsi:nil="true"/> </ouaf:errorReference> <ouaf:errorMessage/> </ouaf:errorInformation> </ouaf:C1-ThirdPartyAutoPaySetup> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>

CANCEL

REQUEST	RESPONSE
<pre> <soapenv:Envelope xmlns:soapenv="http:// schemas.xmlsoap.org/soap/envelope/" xmlns:c1="http:// ouaf.oracle.com/webservices/c1/C1- ThirdPartyAutoPaySetup"> <soapenv:Header/> <soapenv:Body> <c1:C1-ThirdPartyAutoPaySetup> <c1:head> <c1:action>C1CN</c1:action> <c1:accountId>2593741614</c1:accountId> </c1:head> <c1:autoPayInformation> <c1:input> <c1:startDate></c1:startDate> <c1:endDate>2018-02-03</c1:endDate> <c1:paymentType></c1:paymentType> <c1:cardType></c1:cardType> <c1:externalAccountId></c1:externalAccountId> <c1:expMonth></c1:expMonth> <c1:expYear></c1:expYear> <c1:name></c1:name> <c1:bankRoutingNumber></ c1:bankRoutingNumber> <c1:maxWithdrawAmount></ c1:maxWithdrawAmount> <c1:externalReferenceNumber></ c1:externalReferenceNumber> <c1:customInput> <c1:field1> <c1:name></c1:name> <c1:value></c1:value> </c1:field1> <c1:field2> <c1:name></c1:name> <c1:value></c1:value> </c1:field2> <c1:field3> <c1:name></c1:name> <c1:value></c1:value> </c1:field3> <c1:field4> <c1:name></c1:name> <c1:value></c1:value> </c1:field4> </pre>	<pre> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http:// schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header> <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/ oasis-200401-wss-wssecurity-secext-1.0.xsd"> <wsu:Timestamp xmlns:wsu="http://docs.oasis- open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility- 1.0.xsd"> <wsu:Created>2018-02-01T11:30:54Z</ wsu:Created> <wsu:Expires>2018-02-01T11:31:54Z</ wsu:Expires> </wsu:Timestamp> </wsse:Security> </SOAP-ENV:Header> <SOAP-ENV:Body> <ouaf:C1-ThirdPartyAutoPaySetup xmlns:xsi="http:// www.w3.org/2001/XMLSchema-instance" xmlns:ouaf="http://ouaf.oracle.com/webservices/c1/C1- ThirdPartyAutoPaySetup"> <ouaf:head> <ouaf:action>C1CN</ouaf:action> <ouaf:accountId>2593741614</ouaf:accountId> </ouaf:head> <ouaf:autoPayInformation> <ouaf:input> <ouaf:startDate/> <ouaf:endDate>2018-02-03</ouaf:endDate> <ouaf:paymentType/> <ouaf:cardType/> <ouaf:externalAccountId/> <ouaf:expMonth/> <ouaf:expYear/> <ouaf:name/> <ouaf:bankRoutingNumber/> <ouaf:maxWithdrawAmount/> <ouaf:externalReferenceNumber/> <ouaf:customInput> <ouaf:field1> <ouaf:name/> <ouaf:value/> </ouaf:field1> </pre>

REQUEST	RESPONSE
<pre> <c1:field5> <c1:name></c1:name> <c1:value></c1:value> </c1:field5> </c1:customInput> </c1:input> <c1:inputOutput> <c1:autoPayId>2595338514</c1:autoPayId> </c1:inputOutput> <c1:output> <c1:customOutput> <c1:field1> <c1:name></c1:name> <c1:value></c1:value> </c1:field1> <c1:field2> <c1:name></c1:name> <c1:value></c1:value> </c1:field2> <c1:field3> <c1:name></c1:name> <c1:value></c1:value> </c1:field3> <c1:field4> <c1:name></c1:name> <c1:value></c1:value> </c1:field4> <c1:field5> <c1:name></c1:name> <c1:value></c1:value> </c1:field5> </c1:customOutput> </c1:output> </c1:autoPayInformation> <c1:errorInformation> <c1:isInError>>false</c1:isInError> <c1:errorReference> <c1:category></c1:category> <c1:number></c1:number> </c1:errorReference> <c1:errorMessage></c1:errorMessage> </c1:errorInformation> </c1:C1-ThirdPartyAutoPaySetup> </soapenv:Body> </soapenv:Envelope> </pre>	<pre> <ouaf:field2> <ouaf:name/> <ouaf:value/> </ouaf:field2> <ouaf:field3> <ouaf:name/> <ouaf:value/> </ouaf:field3> <ouaf:field4> <ouaf:name/> <ouaf:value/> </ouaf:field4> </ouaf:customInput> </ouaf:input> <ouaf:inputOutput> <ouaf:autoPayId>2595338514</ouaf:autoPayId> </ouaf:inputOutput> <ouaf:output> <ouaf:customOutput> <ouaf:field1> <ouaf:name/> <ouaf:value/> </ouaf:field1> <ouaf:field2> <ouaf:name/> <ouaf:value/> </ouaf:field2> </ouaf:customOutput> </ouaf:output> </ouaf:autoPayInformation> <ouaf:errorInformation> <ouaf:isInError>>false</ouaf:isInError> <ouaf:errorReference> </pre>

REQUEST	RESPONSE
	<pre> <ouaf:category xsi:nil="true"/> <ouaf:number xsi:nil="true"/> </ouaf:errorReference> <ouaf:errorMessage/> </ouaf:errorInformation> </ouaf:C1-ThirdPartyAutoPaySetup> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>

One Time Payment

This section lists the XML Request and Response sample for One Time Payment web service.

ADD

REQUEST	RESPONSE
<pre> <soapenv:Envelope xmlns:soapenv="http:// schemas.xmlsoap.org/soap/envelope/" xmlns:c1="http:// ouaf.oracle.com/webservices/c1/C1- ThirdPartyOneTimePayNotification"> <soapenv:Header/> <soapenv:Body> <c1:C1-ThirdPartyOneTimePayNotification> <c1:head> <c1:action>C1AD</c1:action> <c1:accountId>9738630229</c1:accountId> </c1:head> <c1:paymentInfo> <c1:input> <c1:paymentDateTime>2018-04-20T11:30:00- 04:00</c1:paymentDateTime> <c1:paymentAmount>3.00</c1:paymentAmount> <c1:currency></c1:currency> <c1:paymentType>CREDITCARD</ c1:paymentType> <c1:bankAccountInfo> <c1:accountNumber></c1:accountNumber> <c1:routingNumber></c1:routingNumber> <c1:accountName></c1:accountName> </c1:bankAccountInfo> </pre>	<pre> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http:// schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header> <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/ oasis-200401-wss-wssecurity-secext-1.0.xsd"> <wsu:Timestamp xmlns:wsu="http://docs.oasis-open.org/ wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"> <wsu:Created>2018-02-01T11:35:26Z</ wsu:Created> <wsu:Expires>2018-02-01T11:36:26Z</ wsu:Expires> </wsu:Timestamp> </wsse:Security> </SOAP-ENV:Header> <SOAP-ENV:Body> <ouaf:C1-ThirdPartyOneTimePayNotification xmlns:xsi="http://www.w3.org/2001/XMLSchema- instance" xmlns:ouaf="http://ouaf.oracle.com/webservices/ c1/C1-ThirdPartyOneTimePayNotification"> <ouaf:head> <ouaf:action>C1AD</ouaf:action> <ouaf:accountId>9738630229</ouaf:accountId> </ouaf:head> </pre>

REQUEST	RESPONSE
<pre> <c1:creditCardInfo> <c1:cardType>C1MC</c1:cardType> <c1:cardNumber>****</c1:cardNumber> <c1:accountName></c1:accountName> <c1:expMonth>10</c1:expMonth> <c1:expYear>2020</c1:expYear> <c1:zipCode></c1:zipCode> </c1:creditCardInfo> <c1:email></c1:email> <c1:phone></c1:phone> <c1:extReferenceNumber></ c1:extReferenceNumber> <c1:extParentRefNumber></ c1:extParentRefNumber> <c1:extStatus></c1:extStatus> <c1:customInput> <c1:field1> <c1:name></c1:name> <c1:value></c1:value> </c1:field1> <c1:field2> <c1:name></c1:name> <c1:value></c1:value> </c1:field2> <c1:field3> <c1:name></c1:name> <c1:value></c1:value> </c1:field3> <c1:field4> <c1:name></c1:name> <c1:value></c1:value> </c1:field4> <c1:field5> <c1:name></c1:name> <c1:value></c1:value> </c1:field5> </c1:customInput> </c1:input> <c1:inputOutput> <c1:serviceTaskId></c1:serviceTaskId> <c1:paymentEventId></c1:paymentEventId> </c1:inputOutput> <c1:output> <c1:cancellationServiceTaskId></ c1:cancellationServiceTaskId> <c1:customOutput> <c1:field1> <c1:name></c1:name> <c1:value></c1:value> </c1:field1> </pre>	<pre> <ouaf:paymentInfo> <ouaf:input> <ouaf:paymentDateTime>2018-04-20T11:30:00- 04:00</ouaf:paymentDateTime> <ouaf:paymentAmount>3.00</ ouaf:paymentAmount> <ouaf:currency/> <ouaf:paymentType>CREDITCARD</ ouaf:paymentType> <ouaf:bankAccountInfo> <ouaf:accountNumber/> <ouaf:routingNumber/> <ouaf:accountName/> </ouaf:bankAccountInfo> <ouaf:creditCardInfo> <ouaf:cardType>C1MC</ouaf:cardType> <ouaf:cardNumber>****</ouaf:cardNumber> <ouaf:accountName/> <ouaf:expMonth>10</ouaf:expMonth> <ouaf:expYear>2020</ouaf:expYear> <ouaf:zipCode/> </ouaf:creditCardInfo> <ouaf:email/> <ouaf:phone/> <ouaf:extReferenceNumber/> <ouaf:extParentRefNumber/> <ouaf:extStatus/> <ouaf:customInput> <ouaf:field1> <ouaf:name/> <ouaf:value/> </ouaf:field1> <ouaf:field2> <ouaf:name/> <ouaf:value/> </ouaf:field2> <ouaf:field3> <ouaf:name/> <ouaf:value/> </ouaf:field3> <ouaf:field4> <ouaf:name/> <ouaf:value/> </ouaf:field4> <ouaf:field5> <ouaf:name/> <ouaf:value/> </ouaf:field5> </ouaf:customInput> </pre>

REQUEST	RESPONSE
<pre> <c1:field2> <c1:name></c1:name> <c1:value></c1:value> </c1:field2> <c1:field3> <c1:name></c1:name> <c1:value></c1:value> </c1:field3> <c1:field4> <c1:name></c1:name> <c1:value></c1:value> </c1:field4> <c1:field5> <c1:name></c1:name> <c1:value></c1:value> </c1:field5> </c1:customOutput> </c1:output> </c1:paymentInfo> <c1:errorInformation> <c1:isInError>>false</c1:isInError> <c1:errorReference> <c1:category></c1:category> <c1:number></c1:number> </c1:errorReference> <c1:errorMessage></c1:errorMessage> </c1:errorInformation> </c1:C1-ThirdPartyOneTimePayNotification> </soapenv:Body> </soapenv:Envelope> </pre>	<pre> </ouaf:input> <ouaf:inputOutput> <ouaf:serviceTaskId>62527217689081</ ouaf:serviceTaskId> <ouaf:paymentEventId/> </ouaf:inputOutput> <ouaf:output> <ouaf:cancellationServiceTaskId/> <ouaf:customOutput> <ouaf:field1> <ouaf:name/> <ouaf:value/> </ouaf:field1> <ouaf:field2> <ouaf:name/> <ouaf:value/> </ouaf:field2> <ouaf:field3> <ouaf:name/> <ouaf:value/> </ouaf:field3> <ouaf:field4> <ouaf:name/> <ouaf:value/> </ouaf:field4> <ouaf:field5> <ouaf:name/> <ouaf:value/> </ouaf:field5> </ouaf:customOutput> </ouaf:output> </ouaf:paymentInfo> <ouaf:errorInformation> <ouaf:isInError>>false</ouaf:isInError> <ouaf:errorReference> <ouaf:category xsi:nil="true"/> <ouaf:number xsi:nil="true"/> </ouaf:errorReference> <ouaf:errorMessage/> </ouaf:errorInformation> </ouaf:C1-ThirdPartyOneTimePayNotification> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>

UPDATE - Payment Amount

REQUEST	RESPONSE
<pre> <soapenv:Envelope xmlns:soapenv="http:// schemas.xmlsoap.org/soap/envelope/" xmlns:c1="http:// ouaf.oracle.com/webservices/c1/C1- ThirdPartyOneTimePayNotification"> <soapenv:Header/> <soapenv:Body> <c1:C1-ThirdPartyOneTimePayNotification> <c1:head> <c1:action>C1UP</c1:action> <c1:accountId>9738630229</c1:accountId> </c1:head> <c1:paymentInfo> <c1:input> <c1:paymentDateTime>2018-04-20T11:30:00- 04:00</c1:paymentDateTime> <c1:paymentAmount>22.00</c1:paymentAmount> <c1:currency></c1:currency> <c1:paymentType>CREDITCARD</ c1:paymentType> <c1:bankAccountInfo> <c1:accountNumber></c1:accountNumber> <c1:routingNumber></c1:routingNumber> <c1:accountName></c1:accountName> </c1:bankAccountInfo> <c1:creditCardInfo> <c1:cardType>C1MC</c1:cardType> <c1:cardNumber>****</c1:cardNumber> <c1:accountName></c1:accountName> <c1:expMonth>10</c1:expMonth> <c1:expYear>2020</c1:expYear> <c1:zipCode></c1:zipCode> </c1:creditCardInfo> <c1:email></c1:email> <c1:phone></c1:phone> <c1:extReferenceNumber></c1:extReferenceNumber> <c1:extParentRefNumber></c1:extParentRefNumber> <c1:extStatus></c1:extStatus> <c1:customInput> <c1:field1> </pre>	<pre> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http:// schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header> <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/ oasis-200401-wss-wssecurity-secext-1.0.xsd"> <wsu:Timestamp xmlns:wsu="http://docs.oasis- open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility- 1.0.xsd"> <wsu:Created>2018-02-01T11:40:30Z</ wsu:Created> <wsu:Expires>2018-02-01T11:41:30Z</ wsu:Expires> </wsu:Timestamp> </wsse:Security> </SOAP-ENV:Header> <SOAP-ENV:Body> <ouaf:C1-ThirdPartyOneTimePayNotification xmlns:xsi="http://www.w3.org/2001/XMLSchema- instance" xmlns:ouaf="http://ouaf.oracle.com/webservices/ c1/C1-ThirdPartyOneTimePayNotification"> <ouaf:head> <ouaf:action>C1UP</ouaf:action> <ouaf:accountId>9738630229</ouaf:accountId> </ouaf:head> <ouaf:paymentInfo> <ouaf:input> <ouaf:paymentDateTime>2018-04-20T11:30:00- 04:00</ouaf:paymentDateTime> <ouaf:paymentAmount>22.00</ouaf:paymentAmount> <ouaf:currency/> <ouaf:paymentType>CREDITCARD</ ouaf:paymentType> <ouaf:bankAccountInfo> <ouaf:accountNumber/> <ouaf:routingNumber/> <ouaf:accountName/> </ouaf:bankAccountInfo> <ouaf:creditCardInfo> <ouaf:cardType>C1MC</ouaf:cardType> </pre>

REQUEST	RESPONSE
<pre> <c1:name></c1:name> <c1:value></c1:value> </c1:field1> <c1:field2> <c1:name></c1:name> <c1:value></c1:value> </c1:field2> <c1:field3> <c1:name></c1:name> <c1:value></c1:value> </c1:field3> <c1:field4> <c1:name></c1:name> <c1:value></c1:value> </c1:field4> <c1:field5> <c1:name></c1:name> <c1:value></c1:value> </c1:field5> </c1:customInput> </c1:input> <c1:inputOutput> <c1:serviceTaskId>62527217689081</ c1:serviceTaskId> <c1:paymentEventId></c1:paymentEventId> </c1:inputOutput> <c1:output> <c1:cancellationServiceTaskId></ c1:cancellationServiceTaskId> <c1:customOutput> <c1:field1> <c1:name></c1:name> <c1:value></c1:value> </c1:field1> <c1:field2> <c1:name></c1:name> <c1:value></c1:value> </c1:field2> <c1:field3> <c1:name></c1:name> <c1:value></c1:value> </c1:field3> <c1:field4> <c1:name></c1:name> <c1:value></c1:value> </c1:field4> <c1:field5> <c1:name></c1:name> <c1:value></c1:value> </c1:field5> </c1:customOutput> </c1:output> </pre>	<pre> <ouaf:cardNumber>****</ouaf:cardNumber> <ouaf:accountName/> <ouaf:expMonth>10</ouaf:expMonth> <ouaf:expYear>2020</ouaf:expYear> <ouaf:zipCode/> </ouaf:creditCardInfo> <ouaf:email/> <ouaf:phone/> <ouaf:extReferenceNumber/> <ouaf:extParentRefNumber/> <ouaf:extStatus/> <ouaf:customInput> <ouaf:field1> <ouaf:name/> <ouaf:value/> </ouaf:field1> <ouaf:field2> <ouaf:name/> <ouaf:value/> </ouaf:field2> <ouaf:field3> <ouaf:name/> <ouaf:value/> </ouaf:field3> <ouaf:field4> <ouaf:name/> <ouaf:value/> </ouaf:field4> <ouaf:field5> <ouaf:name/> <ouaf:value/> </ouaf:field5> </ouaf:customInput> </ouaf:input> <ouaf:inputOutput> <ouaf:serviceTaskId>62527217689081</ ouaf:serviceTaskId> <ouaf:paymentEventId/> </ouaf:inputOutput> <ouaf:output> <ouaf:cancellationServiceTaskId/> <ouaf:customOutput> <ouaf:field1> <ouaf:name/> <ouaf:value/> </ouaf:field1> <ouaf:field2> <ouaf:name/> <ouaf:value/> </ouaf:field2> </pre>

REQUEST	RESPONSE
<pre> </c1:paymentInfo> <c1:errorInformation> <c1:isInError>>false</c1:isInError> <c1:errorReference> <c1:category></c1:category> <c1:number></c1:number> </c1:errorReference> <c1:errorMessage></c1:errorMessage> </c1:errorInformation> </c1:C1-ThirdPartyOneTimePayNotification> </soapenv:Body> </soapenv:Envelope> </pre>	<pre> <ouaf:field3> <ouaf:name/> <ouaf:value/> </ouaf:field3> <ouaf:field4> <ouaf:name/> <ouaf:value/> </ouaf:field4> <ouaf:field5> <ouaf:name/> <ouaf:value/> </ouaf:field5> </ouaf:customOutput> </ouaf:output> </ouaf:paymentInfo> <ouaf:errorInformation> <ouaf:isInError>>false</ouaf:isInError> <ouaf:errorReference> <ouaf:category xsi:nil="true"/> <ouaf:number xsi:nil="true"/> </ouaf:errorReference> <ouaf:errorMessage/> </ouaf:errorInformation> </ouaf:C1-ThirdPartyOneTimePayNotification> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>

PROCESS

REQUEST	RESPONSE
<pre> <soapenv:Envelope xmlns:soapenv="http:// schemas.xmlsoap.org/soap/envelope/" xmlns:c1="http:// ouaf.oracle.com/webservices/c1/C1- ThirdPartyOneTimePayNotification"> <soapenv:Header/> <soapenv:Body> <c1:C1-ThirdPartyOneTimePayNotification> <c1:head> <c1:action>C1PR</c1:action> <c1:accountId>9738630229</c1:accountId> </c1:head> <c1:paymentInfo> </pre>	<pre> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http:// schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header> <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/ oasis-200401-wss-wssecurity-secext-1.0.xsd"> <wsu:Timestamp xmlns:wsu="http://docs.oasis-open.org/ wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"> <wsu:Created>2018-02-01T11:42:52Z</wsu:Created> <wsu:Expires>2018-02-01T11:43:52Z</wsu:Expires> </pre>

REQUEST	RESPONSE
<pre> <c1:input> <c1:paymentDateTime>2018-01-31T11:30:00-04:00</c1:paymentDateTime> <c1:paymentAmount></c1:paymentAmount> <c1:currency></c1:currency> <c1:paymentType></c1:paymentType> <c1:bankAccountInfo> <c1:accountNumber></c1:accountNumber> <c1:routingNumber></c1:routingNumber> <c1:accountName></c1:accountName> </c1:bankAccountInfo> <c1:creditCardInfo> <c1:cardType></c1:cardType> <c1:cardNumber></c1:cardNumber> <c1:accountName></c1:accountName> <c1:expMonth></c1:expMonth> <c1:expYear></c1:expYear> <c1:zipCode></c1:zipCode> </c1:creditCardInfo> <c1:email></c1:email> <c1:phone></c1:phone> <c1:extReferenceNumber></c1:extReferenceNumber> <c1:extParentRefNumber></c1:extParentRefNumber> <c1:extStatus></c1:extStatus> <c1:customInput> <c1:field1> <c1:name></c1:name> <c1:value></c1:value> </c1:field1> <c1:field2> <c1:name></c1:name> <c1:value></c1:value> </c1:field2> <c1:field3> <c1:name></c1:name> <c1:value></c1:value> </c1:field3> <c1:field4> <c1:name></c1:name> <c1:value></c1:value> </c1:field4> <c1:field5> <c1:name></c1:name> </pre>	<pre> </wsu:Timestamp> </wsse:Security> </SOAP-ENV:Header> <SOAP-ENV:Body> <ouaf:C1-ThirdPartyOneTimePayNotification xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:ouaf="http://ouaf.oracle.com/webservices/C1/C1-ThirdPartyOneTimePayNotification"> <ouaf:head> <ouaf:action>C1PR</ouaf:action> <ouaf:accountId>9738630229</ouaf:accountId> </ouaf:head> <ouaf:paymentInfo> <ouaf:input> <ouaf:paymentDateTime>2018-01-31T11:30:00-04:00</ouaf:paymentDateTime> <ouaf:paymentAmount/> <ouaf:currency/> <ouaf:paymentType/> <ouaf:bankAccountInfo> <ouaf:accountNumber/> <ouaf:routingNumber/> <ouaf:accountName/> </ouaf:bankAccountInfo> <ouaf:creditCardInfo> <ouaf:cardType/> <ouaf:cardNumber/> <ouaf:accountName/> <ouaf:expMonth/> <ouaf:expYear/> <ouaf:zipCode/> </ouaf:creditCardInfo> <ouaf:email/> <ouaf:phone/> <ouaf:extReferenceNumber/> <ouaf:extParentRefNumber/> <ouaf:extStatus/> <ouaf:customInput> <ouaf:field1> <ouaf:name/> <ouaf:value/> </ouaf:field1> <ouaf:field2> <ouaf:name/> <ouaf:value/> </ouaf:field2> <ouaf:field3> <ouaf:name/> </pre>

REQUEST	RESPONSE
<pre> <c1:value></c1:value> </c1:field5> </c1:customInput> </c1:input> <c1:inputOutput> <c1:serviceTaskId>96500736272413</ c1:serviceTaskId> <c1:paymentEventId></c1:paymentEventId> </c1:inputOutput> <c1:output> <c1:cancellationServiceTaskId></ c1:cancellationServiceTaskId> <c1:customOutput> <c1:field1> <c1:name></c1:name> <c1:value></c1:value> </c1:field1> <c1:field2> <c1:name></c1:name> <c1:value></c1:value> </c1:field2> <c1:field3> <c1:name></c1:name> <c1:value></c1:value> </c1:field3> <c1:field4> <c1:name></c1:name> <c1:value></c1:value> </c1:field4> <c1:field5> <c1:name></c1:name> <c1:value></c1:value> </c1:field5> </c1:customOutput> </c1:output> </c1:paymentInfo> <c1:errorInformation> <c1:isInError>>false</c1:isInError> <c1:errorReference> <c1:category></c1:category> <c1:number></c1:number> </c1:errorReference> <c1:errorMessage></c1:errorMessage> </c1:errorInformation> </c1:C1-ThirdPartyOneTimePayNotification> </soapenv:Body> </soapenv:Envelope> </pre>	<pre> <ouaf:value/> </ouaf:field3> <ouaf:field4> <ouaf:name/> <ouaf:value/> </ouaf:field4> <ouaf:field5> <ouaf:name/> <ouaf:value/> </ouaf:field5> </ouaf:customInput> </ouaf:input> <ouaf:inputOutput> <ouaf:serviceTaskId>96500736272413</ ouaf:serviceTaskId> <ouaf:paymentEventId>973206025696</ ouaf:paymentEventId> </ouaf:inputOutput> <ouaf:output> <ouaf:cancellationServiceTaskId/> <ouaf:customOutput> <ouaf:field1> <ouaf:name/> <ouaf:value/> </ouaf:field1> <ouaf:field2> <ouaf:name/> <ouaf:value/> </ouaf:field2> <ouaf:field3> <ouaf:name/> <ouaf:value/> </ouaf:field3> <ouaf:field4> <ouaf:name/> <ouaf:value/> </ouaf:field4> <ouaf:field5> <ouaf:name/> <ouaf:value/> </ouaf:field5> </ouaf:customOutput> </ouaf:output> </ouaf:paymentInfo> <ouaf:errorInformation> <ouaf:isInError>>false</ouaf:isInError> <ouaf:errorReference> <ouaf:category xsi:nil="true"/> <ouaf:number xsi:nil="true"/> </pre>

REQUEST	RESPONSE
	<pre> </ouaf:errorReference> <ouaf:errorMessage/> </ouaf:errorInformation> </ouaf:C1-ThirdPartyOneTimePayNotification> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>

CANCEL (with valid cancel reason)

REQUEST	RESPONSE
<pre> <soapenv:Envelope xmlns:soapenv="http:// schemas.xmlsoap.org/soap/envelope/" xmlns:c1="http:// ouaf.oracle.com/webservices/c1/C1- ThirdPartyOneTimePayNotification"> <soapenv:Header/> <soapenv:Body> <c1:C1-ThirdPartyOneTimePayNotification> <c1:head> <c1:action>C1CA</c1:action> <c1:accountId>3895556965</c1:accountId> </c1:head> <c1:paymentInfo> <c1:inputOutput> <c1:serviceTaskId>33766693472567</ c1:serviceTaskId> <c1:paymentEventId>389603666709</ c1:paymentEventId> <c1:cancelReason>ODS</c1:cancelReason> </c1:inputOutput> </c1:paymentInfo> </c1:C1-ThirdPartyOneTimePayNotification> </soapenv:Body> </soapenv:Envelope> </pre>	<pre> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http:// schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header/> <SOAP-ENV:Body> <ouaf:C1-ThirdPartyOneTimePayNotification xmlns:ouaf="http://ouaf.oracle.com/webservices/c1/C1- ThirdPartyOneTimePayNotification"> <ouaf:head> <ouaf:action>C1CA</ouaf:action> <ouaf:accountId>3895556965</ouaf:accountId> </ouaf:head> <ouaf:paymentInfo> <ouaf:inputOutput> <ouaf:serviceTaskId>33766693472567</ ouaf:serviceTaskId> <ouaf:paymentEventId>389603666709</ ouaf:paymentEventId> <ouaf:cancelReason>CN</ouaf:cancelReason> </ouaf:inputOutput> <ouaf:output> <ouaf:cancellationServiceTaskId>05847881806272</ ouaf:cancellationServiceTaskId> <ouaf:payCancelReasonsList> <ouaf:cancelReason>CN</ouaf:cancelReason> <ouaf:description>Credit note issued</ ouaf:description> </ouaf:payCancelReasonsList> </ouaf:output> </ouaf:paymentInfo> <ouaf:errorInformation> <ouaf:isInError>>false</ouaf:isInError> </ouaf:errorInformation> </ouaf:C1-ThirdPartyOneTimePayNotification> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>

CANCEL (with invalid cancel reason)

REQUEST	RESPONSE
<pre> <soapenv:Envelope xmlns:soapenv="http:// schemas.xmlsoap.org/soap/envelope/" xmlns:c1="http:// ouaf.oracle.com/webservices/c1/C1- ThirdPartyOneTimePayNotification"> <soapenv:Header/> <soapenv:Body> <c1:C1-ThirdPartyOneTimePayNotification> <c1:head> <c1:action>C1CA</c1:action> <c1:accountId>3895556965</c1:accountId> </c1:head> <c1:paymentInfo> <c1:inputOutput> <c1:serviceTaskId>24812855605469</ c1:serviceTaskId> <c1:paymentEventId>389787007222</ c1:paymentEventId> <c1:cancelReason>ODS</c1:cancelReason> </c1:inputOutput> </c1:paymentInfo> </c1:C1-ThirdPartyOneTimePayNotification> </soapenv:Body> </soapenv:Envelope> </pre>	<pre> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http:// schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header/> <SOAP-ENV:Body> <ouaf:C1-ThirdPartyOneTimePayNotification xmlns:ouaf="http://ouaf.oracle.com/webservices/c1/C1- ThirdPartyOneTimePayNotification"> <ouaf:head> <ouaf:action>C1CA</ouaf:action> <ouaf:accountId>3895556965</ouaf:accountId> </ouaf:head> <ouaf:paymentInfo> <ouaf:inputOutput> <ouaf:serviceTaskId>24812855605469</ ouaf:serviceTaskId> <ouaf:paymentEventId>389787007222</ ouaf:paymentEventId> <ouaf:cancelReason>ODS</ouaf:cancelReason> </ouaf:inputOutput> <ouaf:output> <ouaf:infoMessage>Input Cancel Reason is invalid. The system default ZZTP was used instead.</ ouaf:infoMessage> <ouaf:cancellationServiceTaskId>41648234437708</ ouaf:cancellationServiceTaskId> <ouaf:payCancelReasonsList> <ouaf:cancelReason>ZZTP</ouaf:cancelReason> <ouaf:description>Third Party Cancellation</ ouaf:description> </ouaf:payCancelReasonsList> </ouaf:output> </ouaf:paymentInfo> <ouaf:errorInformation> <ouaf:isInError>>false</ouaf:isInError> </ouaf:errorInformation> </ouaf:C1-ThirdPartyOneTimePayNotification> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>

CANCEL (with BLANK cancel reason)

REQUEST	RESPONSE
<pre><soapenv:Envelope xmlns:soapenv="http:// schemas.xmlsoap.org/soap/envelope/" xmlns:c1="http:// ouaf.oracle.com/webservices/c1/C1- ThirdPartyOneTimePayNotification"> <soapenv:Header/> <soapenv:Body> <c1:C1-ThirdPartyOneTimePayNotification> <c1:head> <c1:action>C1CA</c1:action> <c1:accountId>3895556965</c1:accountId> </c1:head> <c1:paymentInfo> <c1:inputOutput> <c1:serviceTaskId>02024452200167</ c1:serviceTaskId> <c1:paymentEventId>389521577213</ c1:paymentEventId> </c1:inputOutput> </c1:paymentInfo> </c1:C1-ThirdPartyOneTimePayNotification> </soapenv:Body> </soapenv:Envelope></pre>	<pre><SOAP-ENV:Envelope xmlns:SOAP-ENV="http:// schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header/> <SOAP-ENV:Body> <ouaf:C1-ThirdPartyOneTimePayNotification xmlns:ouaf="http://ouaf.oracle.com/webservices/c1/C1- ThirdPartyOneTimePayNotification"> <ouaf:head> <ouaf:action>C1CA</ouaf:action> <ouaf:accountId>3895556965</ouaf:accountId> </ouaf:head> <ouaf:paymentInfo> <ouaf:inputOutput> <ouaf:serviceTaskId>02024452200167</ ouaf:serviceTaskId> <ouaf:paymentEventId>389521577213</ ouaf:paymentEventId> </ouaf:inputOutput> <ouaf:output> <ouaf:infoMessage>Input Cancel Reason is invalid. The system default ZZTP was used instead.</ ouaf:infoMessage> <ouaf:cancellationServiceTaskId>98020894892340</ ouaf:cancellationServiceTaskId> <ouaf:payCancelReasonsList> <ouaf:cancelReason>ZZTP</ouaf:cancelReason> <ouaf:description>Third Party Cancellation</ ouaf:description> </ouaf:payCancelReasonsList> </ouaf:output> </ouaf:paymentInfo> <ouaf:errorInformation> <ouaf:isInError>>false</ouaf:isInError> </ouaf:errorInformation> </ouaf:C1-ThirdPartyOneTimePayNotification> </SOAP-ENV:Body> </SOAP-ENV:Envelope></pre>

Read

REQUEST	RESPONSE
<pre> <soapenv:Envelope xmlns:soapenv="http:// schemas.xmlsoap.org/soap/envelope/" xmlns:c1="http:// ouaf.oracle.com/webservices/c1/C1- ThirdPartyOneTimePayNotification"> <soapenv:Header/> <soapenv:Body> <c1:C1-ThirdPartyOneTimePayNotification> <c1:head> <c1:action>C1RE</c1:action> </c1:head> </c1:C1-ThirdPartyOneTimePayNotification> </soapenv:Body> </soapenv:Envelope> </pre>	<pre> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http:// schemas.xmlsoap.org/soap/envelope/"> <SOAP-ENV:Header/> <SOAP-ENV:Body> <ouaf:C1-ThirdPartyOneTimePayNotification xmlns:ouaf="http://ouaf.oracle.com/webservices/c1/C1- ThirdPartyOneTimePayNotification"> <ouaf:head> <ouaf:action>C1RE</ouaf:action> </ouaf:head> <ouaf:paymentInfo> <ouaf:output> <ouaf:payCancelReasonsList> <ouaf:cancelReason>CAN</ouaf:cancelReason> <ouaf:description>Other</ouaf:description> </ouaf:payCancelReasonsList> <ouaf:payCancelReasonsList> <ouaf:cancelReason>CN</ouaf:cancelReason> <ouaf:description>Credit note issued</ ouaf:description> </ouaf:payCancelReasonsList> <ouaf:payCancelReasonsList> <ouaf:cancelReason>NSF</ouaf:cancelReason> <ouaf:description>Non sufficient funds</ ouaf:description> </ouaf:payCancelReasonsList> <ouaf:payCancelReasonsList> <ouaf:cancelReason>ZZTP</ouaf:cancelReason> <ouaf:description>Third Party Cancellation</ ouaf:description> </ouaf:payCancelReasonsList> </ouaf:output> </ouaf:paymentInfo> <ouaf:errorInformation> <ouaf:isInError>>false</ouaf:isInError> </ouaf:errorInformation> </ouaf:C1-ThirdPartyOneTimePayNotification> </SOAP-ENV:Body> </SOAP-ENV:Envelope> </pre>

Appendix B

Error Messages

This appendix provides the list of error messages for each of the following inbound web services:

- [One-Time Payment Notification](#)
- [Account Verification](#)
- [Auto Pay Setup](#)

One-Time Payment Notification

The error messages in the One-Time Payment Notification inbound web service are as follows:

Message Category	Message Number	Message Text	Comments
11001	106	Length of value <value> (in bytes) too long for Field Account ID. Maximum length: <value> Found <value>.	(11001, 106) is a common message number where the specific field name is a parameter
11001	106	Length of value <value> (in bytes) too long for Field Service Task ID. Maximum length: <value> Found <value>.	(11001, 106) is a common message number where the specific field name is a parameter
11001	106	Length of value <value> (in bytes) too long for Field Payment Event ID. Maximum length: <value> Found <value>.	(11001, 106) is a common message number where the specific field name is a parameter
11001	1850	Input request field Payment Type has an invalid value. Invalid Extended Lookup value <value>. Valid values are for BO C1-PaymentTypeLookup (e.g. 12 CREDITCARD SAVINGS ...).	(11001, 1850) is a common message number that has parameters for field name and the reason that the field is invalid
11001	1850	Input request field Payment Amount has an invalid value. Invalid numeric value <value>.	(11001, 1850) is a common message number that has parameters for field name and the reason that the field is invalid
11101	401	Service Task ID not found.	
11102	10423	Payment Date/Time is required.	(11102, 10423) is a common message number where the specific field name is a parameter
11102	10423	Payment Type is required.	(11102, 10423) is a common message number where the specific field name is a parameter
11102	10423	Payment Amount is required.	(11102, 10423) is a common message number where the specific field name is a parameter
11102	10423	Routing Number is required.	(11102, 10423) is a common message number where the specific field name is a parameter
11102	10423	External Account Number is required.	(11102, 10423) is a common message number where the specific field name is a parameter
11102	10423	Credit Card Type is required.	(11102, 10423) is a common message number where the specific field name is a parameter

Message Category	Message Number	Message Text	Comments
11102	10423	Credit Card Number is required.	(11102, 10423) is a common message number where the specific field name is a parameter
11102	10423	Expiration Month is required.	(11102, 10423) is a common message number where the specific field name is a parameter
11102	10423	Expiration Year is required.	(11102, 10423) is a common message number where the specific field name is a parameter
11102	10423	Account Number is required.	(11102, 10423) is a common message number where the specific field name is a parameter
11102	10423	Service Task ID is required.	(11102, 10423) is a common message number where the specific field name is a parameter
11125	10001	Third Party Payment Processing Integration master configuration not found. ent Process service task processing script not found.	No action needed from third-party payment processors. Issue is caused by internal config.
11125	11013	This Tender Type <value> should not generate auto pay.	
11125	11006	Unable to determine auto pay source. Please check Routing Number.	
11125	11019	The system cannot cancel a service task already processed for cancellation.	
11125	11020	The system cannot cancel discarded requests or requests in error.	
11125	11028	One Time Payment Cancel processing script not found.	No action needed from third-party payment processors. Issue is caused by internal config.
11125	11030	Service Task (<value>) does not exist.	
11125	11031	Payment Event (<value>) does not exist	
11125	11033	The payment linked to this service task was cancelled through service task %1.	
11125	11034	This service task is a cancellation request for service task %1.	
11125	11035	The system cannot cancel a request for cancellation.	
11125	11100	Third Party One Time Payment Add/ Update service task processing script not found.	No action needed from third-party payment processors. Issue is caused by internal config.

Message Category	Message Number	Message Text	Comments
11125	11102	Unable to determine One Time Pay service task type.	No action needed from third-party payment processors. Issue is caused by internal config.
11125	11103	Payment Type is not configured as one of the Accepted Payment Types.	
11125	11110	Payment Amount cannot be zero.	
11125	11113	Payment Amount is invalid.	Incorrect format Example: non-numeric or incorrect precision/scale
11125	11114	Only pending one-time payment can be processed.	
11125	11201	Payment Event (%1) Payment Tender (%2) - Invalid Payment Date/Time %3, expected in format yyyy-MM-ddTHH:mm:ssXXX.	

Account Verification

The error messages in the Account Verification inbound web service are as follows:

Message Category	Message Number	Message Text	Comments
11001	106	Length of value %(in bytes) too long for Field Account ID. Maximum length: 10 Found <value>.	(11001, 106) is a common message number where the specific field name is a parameter
11001	1850	Input request field Third Party Account Veification Action has an invalid value. Invalid Lookup value <value>. Valid values are for field THRD_PTY_ACCT_VER_ACT_FLG (example: C1VE ...).	(11001, 1850) is a common message number that has parameters for field name and the reason that the field is invalid
11001	1850	Input request field Account has an invalid value. Referenced FK ACCT Account ID <value> by table Account does not exist.	(11001, 1850) is a common message number that has parameters for field name and the reason that the field is invalid
11001	1853	Account ID is missing.	
11125	10001	Third Party Payment Processing Integration master configuration not found.	No action needed from third-party payment processors. Issue is caused by internal config.
11125	11027	Account Verification processing script not found.	No action needed from third-party payment processors. Issue is caused by internal config.

Auto Pay Setup

The error messages in the Auto Pay Setup inbound web service are as follows:

Message Category	Message Number	Message Text	Comments
3	253	Name field missing.	
3	40004	An account cannot have multiple auto-pay options effective at the same time.	
3	52401	End Date "<value>" cannot be before Start Date "<value>".	
11001	107	Value (<value>) for field {ApayMaxWdrwlAmt} has too large a precision (15) or scale (2).	
11001	1850	Input request field Third Party Auto Pay Setup Action has an invalid value. Invalid Lookup value <value>. Valid values are for field THRD_PTY_APAY_SET_ACT_FLG (e.g. C1AD C1CN C1UP ...).	(11001, 1850) is a common message number that has parameters for field name and the reason that the field is invalid
11001	1850	Input request field Account has an invalid value. Referenced FK ACCT Account ID <value> by table Account does not exist.	(11001, 1850) is a common message number that has parameters for field name and the reason that the field is invalid
11001	1850	Input request field Start Date has an invalid value. Invalid date value <value>, expected in format YYYY-MM-DD and should fall between 1753-01-01 and 9999-12-31 date range.	(11001, 1850) is a common message number that has parameters for field name and the reason that the field is invalid
11001	1850	Input request field End Date has an invalid value. Invalid date value 01-31-2018, expected in format YYYY-MM-DD and should fall between 1753-01-01 and 9999-12-31 date range.	(11001, 1850) is a common message number that has parameters for field name and the reason that the field is invalid
11001	1850	Input request field Maximum Withdrawal Amount has an invalid value. Invalid numeric value <value>.	(11001, 1850) is a common message number that has parameters for field name and the reason that the field is invalid
11001	1850	Input request field Maximum Withdrawal Amount has an invalid value. Invalid numeric value <value>.	(11001, 1850) is a common message number that has parameters for field name and the reason that the field is invalid
11001	1850	Input request field Payment Type has an invalid value. Invalid Extended Lookup value <value>. Valid values are for BO C1-PaymentTypeLookup (e.g. 12 CREDITCARD SAVINGS ...).	(11001, 1850) is a common message number that has parameters for field name and the reason that the field is invalid

Message Category	Message Number	Message Text	Comments
11001	1850	Input request field Credit Card Type has an invalid value. Invalid Lookup value <value>. Valid values are for field CARD_TYPE_FLG (e.g. C1VS C1AM C1MC ...).	(11001, 1850) is a common message number that has parameters for field name and the reason that the field is invalid
11102	10423	Action is required	(11102, 10423) is a common message number where the specific field name is a parameter
11102	10423	Account ID is required	(11102, 10423) is a common message number where the specific field name is a parameter
11125	10001	Third Party Payment Processing Integration master configuration not found.	No action needed from third-party payment processors. Issue is caused by internal config.
11125	10003	Auto Pay Setup processing script not found.	No action needed from third-party payment processors. Issue is caused by internal config.
11125	11002	You are signing up and canceling auto-pay on the current date. Please call a representative for assistance.	
11125	11003	Unable to determine auto pay source. Please check Credit Card Type.	
11125	11004	Unable to determine auto pay service task type.	No action needed from third-party payment processors. Issue is caused by internal config.
11125	11005	Expiration Date is invalid. Month should be entered in MM format and year should be in YYYY format.	
11125	11006	Unable to determine auto pay source. Please check Routing Number.	
11125	11014	Start Date is required when Action is Add or Update.	
11125	11015	End Date is required when Action is Cancel.	
11125	11016	Payment Type is required when Action is Add or Update.	(11125, 11016) is a common message number where the specific field name is a parameter
11125	11016	Account Number is required when Action is Add or Update.	(11125, 11016) is a common message number where the specific field name is a parameter
11125	11016	Name is required when Action is Add or Update	(11125, 11016) is a common message number where the specific field name is a parameter

Message Category	Message Number	Message Text	Comments
11125	11018	Auto Pay ID is required when Action is Update or Cancel.	
11125	11023	Input request field Auto Pay ID has an invalid value. Auto Pay ID (<value>) does not exist.	
11125	11024	Start Date must be on or after the current date when Action is Add or Update.	
11125	11025	End Date must be on or after the current date when Action is Add or Cancel.	
11125	11026	End Date must be after the current date when Action is Update.	
