

# API Services Matrix

**Request Services** - As a DF, I want to be able to receive ACDV Request transactions as well as the associated images so that I can ingest them into my own solution for response processing which will then be sent back to e-OSCAR in the form of an ACDV Response.

Transaction	Call Type	How to Use
<i>AUD</i>	<i>Not applicable for this transaction.</i>	
<i>BRR</i>	<i>Not applicable for this transaction.</i>	
ACDV Request	Find ACDVRequest	Enter a date range and/or account number and/or SSN and/or status code to retrieve a list of ACDV Control Numbers for the search criteria entered. ACDV Control Numbers obtained via this call must have the details received using the /View ACDVRequest call prior to responding to the ACDV.
	View ACDVRequest	Enter single ACDV Control Number to retrieve the details of that ACDV Request. This service will return the actual images on the ACDV along with the transaction data. Status of transaction must be 4 or 6. Use the Find ACDV service to identify the ACDV Control Number. On retrieval of the ACDV, if the status of the ACDV is 4, it will be updated to 6 and the image accessed flag will be updated to Y.
	View Image	Using the resulting data from the Get ACDVRequest or Get ACDVRequest List services, enter the image ID and ACDV Control Number to retrieve that image for an ACDV. The ACDV image status is updated a result of this request.
<i>ACDV Response</i>	<i>Not applicable for this transaction.</i>	



**Validation Services** - As a DF, I want to be able to validate the record that is being sent to e-OSCAR prior to submitting it so that I can check the quality of data that is being sent for valid values as well as Metro2 compliance.

Transaction	Call Type	How to Use
AUD	Validate AUD	Provide the AUD details and receive feedback regarding validity of data. Data sent using this service is not stored in e-OSCAR (one to 50 records can be sent in a single validation service and all errors and successes will be returned at once).
BRR	Validate BRR	Provide the BRR details and receive feedback regarding validity of data. Data sent using this service is not stored in e-OSCAR (one to 50 records can be sent in a single validation service and all errors and successes will be returned at once).
ACDV Request	<i>Not applicable for this transaction.</i>	
ACDV Response	Validate ACDVResponse	Provide the ACDVResponse details and receive feedback regarding validity of data. Data sent using this service is not stored in e-OSCAR (one to 50 records can be sent in a single validation service and all errors and successes will be returned at once).

**Submission Services**- As a DF, I want to be able to submit a valid record to e-OSCAR so that it can be sent to the CRAs. The submitted record must also be validated for valid values and Metro2 compliance before being accepted by the Service. Specifically, for ACDV transactions, the validation must also include Response Code validations to confirm that the Response Code sent meets the criteria of the response data sent as it currently does via UI or Batch.

Transaction	Call Type	How to Use
AUD	Submit AUD	Provide the AUD details and receive feedback regarding validity of data. If there are no errors, data is stored in e-OSCAR as Submitted (one to 50 records can be sent in a single submission service and all errors and successes will be returned at once).
BRR	Submit BRR	Provide the BRR details and receive feedback regarding validity of data. If there are no errors, data is stored in e-OSCAR as Submitted (one to 50 records can be sent in a single submission service and all errors and successes will be returned at once).
ACDV Request	<i>Not applicable for this transaction.</i>	
ACDV Response	Submit ACDVResponse	Provide the ACDVResponse details and receive feedback regarding validity of data. If there are no errors, data is stored in e-OSCAR as Submitted (one to 50 records can be sent in a single submission service and all errors and successes will be returned at once). ACDV Control Numbers obtained using the Find ACDVRequest must have the details for the Control Number accessed by completing the View ACDVRequest prior to completing the Submit ACDVResponse call.



# Archive Services - As a DF, I want to be able to get any of my own registrations transaction data so that I can ingest it into my own BI tools for research / archive purposes.

Transaction	Call Type	How to Use
AUD	Find AUD	Enter a date range and/or account number and/or SSN and/or status code to retrieve a list of AUD IDs for the search criteria entered.
	Get AUD	Using the resulting data from the Find AUD or the confirmation AUD ID from the AUD Submit, enter one AUD ID to retrieve the details of that single AUD.
	Get AUD List	Using the resulting data from the Find AUD or the confirmation AUD ID from the Submit AUD, enter multiple AUD IDs to retrieve the details of multiple AUDs (up to 50 can be retrieved at with one get).
BRR	Find BRR	Enter a date range and/or account number and/or SSN and/or status code to retrieve a list of BRR IDs for the search criteria entered.
	Get BRR	Using the resulting data from the Find BRR or the confirmation BRR ID from the BRR Submit, enter one BRR ID to retrieve the details of that single BRR.
	Get BRR List	Using the resulting data from the Find BRR or the confirmation BRR ID from the Submit BRR, enter multiple BRR IDs to retrieve the details of multiple BRRs (up to 50 can be retrieved at with one get).
ACDV Request	Find ACDVRequest	Enter a date range and/or account number and/or SSN and/or status code to retrieve a list of ACDV Control Numbers for the search criteria entered.
	Get ACDVRequest	Using the resulting data from the Find ACDVRequest, enter a single ACDV Control Number to retrieve the details of that ACDV Request (with image references). There is no change to the ACDV status as a result of this request.
	Get ACDVRequest List	Using the resulting data from the Find ACDVRequest, enter multiple ACDV Control Numbers to retrieve the details of those ACDV Requests (with image references). There is no change to the ACDV status as a result of this request (up to 50 can be retrieved at with one get).

	Get Images for ACDV	Using the resulting data from the Find ACDVRequest, enter the ACDV Control Number to retrieve all images for one ACDV. There is no change to the ACDV image status as a result of this request.
ACDV Response	Find ACDVResponse	Enter a date range and/or account number and/or SSN and/or status code to retrieve a list of ACDV Control Numbers for the search criteria entered.
	Get ACDVResponse	Using the resulting data from the Find ACDVResponse, enter a single ACDV Control Number to retrieve the details of that ACDV Response. There is no change to the ACDV status as a result of this request.
	Get ACDVResponse List	Using the resulting data from the Find ACDVResponse, enter multiple ACDV Control Numbers to retrieve the details of those ACDV Responses. There is no change to the ACDV status as a result of this request (up to 50 records can be retrieved with one get).



# Notification Services - - As a DF, I want to be able to receive AUD, Block and DR Notifications and associated images so that I can have a record from the CRAs of when information has been updated or deleted in the consumers credit report.

Transaction	Call Type	How to Use
AUD	Find AUD Notification	Enter a date type and/or date range and/or account number and/or SSN and/or status code to retrieve a list of Control Numbers for the search criteria entered.
	Get AUD List	Using the resulting data from the Find AUD Notification, enter multiple Control Numbers to retrieve the Notifications of multiple AUDs (up to 50 can be retrieved at with one get). The status of the notification is updated as a result of this request.
Block/DR	Find Notification	Enter a date type and/or doc type and/or date range and/or account number and/or SSN and/or status code to retrieve a list of Control Numbers for the search criteria entered.
	Get Notification List	Using the resulting data from the Find Notification, enter multiple Control Numbers to retrieve the Notifications (up to 50 can be retrieved at with one get). The status of the notification is updated as a result of this request.
	Get Images for Notifications	Using the resulting data from the Find Notification, enter multiple Control Numbers to retrieve the Notification images (up to 50 can be retrieved at with one get).