Raddon Data Extract

Raddon Extract
PS_RADDON_EXTRACT
Application 14259
DNAapp ID 64ce2ce8-e838-48dd-aacd-0c577e6413f2

Overview:
This application produces a comma-delimited extract file with account statistical information summarized by account within the start and end dates runtime parameters for import into a marketing database.

Processing:
This application selects accounts of product types defined by the Major Account Type Code and Major Account Type Code parameters, having a status defined by the Current Acct Status Code parameter.

This application computes statistical information for each selected account for the time period specified by the start and end date parameters. The financial institution can tailor the information gathered through the use of additional runtime parameters and application variables.

Parameters:

Parameter	Code	Description (how used)	Required	Default
ATM Transaction Source	8ATS	Valid Values are: • ISO (This will look for completed card transactions based on the 'ATYP - ATM Agreement Type' runtime parameter agreement type(s) that have ISO transaction codes of 200 for pinned based and 220 for signature based for 'PWTH - Point Of Sale Withdrawal' and 'PDEP - Point Of Sale Deposit' completed transactions) • RTXN (This will look at the transaction source for 'PWTH - Point Of Sale Withdrawal' and 'PDEP - Point Of Sale Deposit' completed transactions. If the source is 'ATM' the transaction will be considered a pinned transaction. If the source is 'BAT' the transaction will be considered a signature based transaction.)	No	RTXN
Clear Account UF Code	8CUF	The account field code to use when extracting the clearing account YN field value	No	<Blank>
Debit Card Agreement Types	DBCA	Comma-separated list of agreement type codes to be considered debit to qualify the field Debit Card Issued	No	DEB, DBT
eStatement Cycle Codes	8ECC	Comma-delimited list of cycle code(s) (eStatement Qualification Meth = C) or Comma-delimited list of delivery method code(s) (eStatement Qualification Meth = D) to use for Statement Production, application # 360 to identify eStatement accounts	No	<Blank>

Parameter	Code	Description (how used)	Required	Default
eStatement Qualification Meth	8EQM	The type of process to use when looking for eStatement values. Valid values will be: • U – User Field Code • C - Cycles (Comma delimited list of Cycle Codes to look for) • D - Delivery Method Code (Comma delimited list of Delivery Method Codes to look for)	No	C - Cycles
eStatement User Field Codes	8EUC	Comma delimited list of account field codes to look for to determine whether an account is considered an eStatement account (This will work together with the eStatement Qualification Meth runtime parameter and eStatement User Field Values runtime parameter – if an account extracted is a secondary account and does not have the designated eStatement user field codes, the application will not look at the secondary account's primary account)	Yes – only if eStatement Qualification Meth = U – User Field Code	<Blank>
eStatement User Field Values	8EUV	Comma delimited list of values to look for to determine whether an account is considered an eStatement account (This will only apply to accounts with the designated eStatement user field – if an account extracted is a secondary account and does not have the designated eStatement user field, the application will not look at the secondary account's primary account)	Yes – only if eStatement Qualification Meth = U – User Field Code	<Blank>
Incl Zeroes in AcctNbr	8LZS	Valid Values are: • Y - Yes (This value will add leading zeroes to the left of the Account Number making the length of the account number 16 digits) • N – No (This value will not add leading zeroes to the account number)	No	N - No
Output File Name	8OUF	Name of extract file produced by this application	No	RaddonExtract.txt
Output file path	8OUP	Complete path name where output file is located. The trailing backslash is optional (ex. "C:\TEMP\ "	No	Batch Queue Output Directory
Branch Region Userfield	8RUF	The organization field code value to use when extracting region	No	<Blank>
Shared Branch Transaction Src	8SBS	Transaction source code to use when extracting Shared Branch transactions count	No	FSC
Check Fee Tran Codes	8TC1	Comma-delimited list of transaction codes to use when extracting Checking Fees. Examples: INAC,STOP	Yes	None

Parameter	Code	Description (how used)	Required	Default
NSF Fee Tran Codes	8TC2	Comma-delimited list of transaction codes to use when extracting Overdraft/NSF Fees. Examples: NSF,RCK,UCF,NSF2	Yes	None
POS Fee Tran Codes	8TC3	Comma-delimited list of transaction codes to use when extracting POS Fees. Examples: C11	Yes	None
ATM Fee Tran Codes	8TC4	Comma-delimited list of transaction codes to use when extracting ATM Fees. Examples: PLUS,IMPU,INAC,SDCW,ATMO,ATMF,C15, C6	Yes	None
Other Fee Tran Codes	8TC5	Comma-delimited list of transaction codes to use when extracting Other Checking Fees. Examples: C2,C10,CHCG,OPTF,SDBF,SSTM,WRIN,W ROT,MSC	Yes	None
Agreement Type	ATYP	Comma-delimited list of agreement types to use when extracting ATM transaction information (Amount of Debit Swipe-and-Sign Purchases, Number of pinned POS (Debit) Transactions and Number of swiped POS (Debit) Transactions)	No	<Blank> All agreement types will be used
Branch Org Number	BRCH	Comma-delimited list of Call Center Branch Numbers to use when extracting Number of Call-Center Assisted Transactions	No	<Blank> (No Call Center Assisted Transactions will be extracted)
Current Acct Status Code	CASC	Comma-delimited list of account status code(s) to use when extracting accounts to extract	No	<Blank> (All account statuses)
Debit Agreement Type Code	8DBT	Comma-delimited list of card agreement type code(s) to use when identifying Debit Card Issued field	No	<Blank> (Debit Card Issued field will not be extracted)
Minor Account Type Code	MICD	Comma-delimited list of minor(s) to use when extracting accounts	No	<Blank> (All minors within Major Account Type Code runtime parameter)
Major Account Type Code	MJCD	Comma-delimited list of major(s) to use when extracting accounts	No	CK
StartDate	SD	Start Date to use when extracting transaction information (counts, average daily balance)	Yes	None
ThruDate	TD	Thru Date to use when extracting transaction information (counts, average daily balance)	Yes	None
Acct User Field Code	8AUF	A single account user field code that identifies the "Account User Field" to use in the extract.	No	None

Parameter	Code	Description (how used)	Required	Default
Parallel Process YN	PARA	To enable parallel processing, set this parameter to Y. If N or left blank, parallel processing will not be used.	No	<Blank>

Variables:
Below mentioned variables are configured at application level.

Calculation Category/Calculation Type
Custom MCF Variables (8MCF)/Raddon Extract (8RA)

Variable	Code	Description (how used)	Data Type	Default
Bill Payment ApplNbr	8BPN	Bill Payment Application Number to use for existence of transactions to qualify the field Bill Pay set up	NUM	<BLANK>
Bill Payment Cashbox Number	8BPX	Bill Payment Cashbox Number to use for existence of transactions to qualify the field Bill Pay set up	NUM	<BLANK>

Transaction Report Groups:
The below transaction report groups are established to be used with the application, these groups are financial institution defined. The financial institution can add or remove transactions based on their reporting needs. The reporting groups will default to the most commonly used transactions during setup installation.

Transaction Reporting Group	Code	Description (how used)
Raddon Deposit Fees	8RDF	The transactions codes used to populate the "Total Deposit Fees" must be added to this transaction reporting group.
Raddon Loan Fees	8RLF	The transactions codes used to populate the "Total Loan Fees" must be added to this transaction reporting group.

Scheduling and re-run information:
- The application can be run back in time.
- The application can be re-run.

Report(s):

```
Bank:    Test Institution                        Raddon Extract                      Run Date:  05-31-2019
Report:  PS_RADDON_EXTRACT                                                            Post Date: 05-31-2019

Queue Number       :  75653                                                           Run Time:  03:21:47
Application Number:  14259                                                            Cash Box:
Queue Sub Number  :  2
                                                    SCHEMA
                                                    OSIBANK

                                                 DATABASE NAME
                                                   CS14.WORLD

                                                    RELEASE
                                                  DNA 4.5.1.0

                         05-20-2019 10:42:55 AM 398770 G:\OSI\BANK\SQT\4510\BAT_EXE\PS\

                                                REPORT PARAMETERS

                 ATM Fee Tran Codes:  SC
                 ATM Transaction Source:  RTXN
                 Acct User Field Code:  8NPS
                 Agreement Type:
                 Bill Payment ApplNbr:
                 Bill Payment CashboxNbr:
                 Branch Org Number:
                 Branch Region UF Code:
                 Check Fee Tran Codes:  DEP
                 Clear Account UF Code:
                 Current Acct Status Code:
                 Debit Agreement Types:
                 Debit Card Agreement Types:  DEB, DBT
                 Incl Zeroes in AcctNbr:  N
                 Major Account Type Code:  MTG
                 Minor Account Type Code:
                 NSF Fee Tran Codes:  NSF
                 Other Fee Tran Codes:  SC
                 Output File Name:
                 Output file path:
                 POS Fee Tran Codes:  SC
                 Parallel Process YN:
                 Shared Branch Transaction Src:  FSC
                 StartDate:  04-01-2019
                 ThruDate:  04-10-2019
                 e-Statement Cycle Codes:
                 eStatement Qualification Meth:  C
                 eStatement User Field Codes:
                 eStatement User Field Values:

Bank:    Test Institution                        Raddon Extract                      Run Date:  05-31-2019
Report:  PS_RADDON_EXTRACT                                                            Post Date: 05-31-2019
                                                                                      Page:  1 of 1



     Accounts Extracted:  1,892
     Extract File: G:\OSI\BANK\ORACS14\20190531\75653\RADDONEXTRACT.TXT
```

- Output extract will be sorted by Major, Minor and Account Number
- Output report will include the total number of accounts extracted

File Layout(s):
Output File Layout – Comma Separated
Extract file created by this application – the first record extracted will be the Field Name

Field	Field Name	Format	Description
1	AccountNumber	99999999	Account Number
2	StartDate	MM/DD/YYYY	Start Date used for transaction information – see Start Date (SD) runtime parameter
3	ThruDate	MM/DD/YYYY	Thru Date used for transaction information – see Thru Date (TD) runtime parameter
4	OpenDate	MM/DD/YYYY	Contract Date
5	Major	AlphaNumeric	Major Account Type Code
6	Minor	AlphaNumeric	Minor Account Type Code

Field	Field Name	Format	Description
7	Balance	999999.99	Average Daily Balance between start (SD) and thru date (TD) runtime parameters
8	Interest	999999.99	Sum of Credit Interest transactions between start (SD) and thru date (TD) runtime parameters
9	BalanceFees	999999.99	Sum of transactions defined in Check Fee Tran Codes (8TC1) runtime parameter between start and thru date runtime parameters
10	NSFFees	999999.99	Sum of transactions defined in NSF Fee Tran Codes (8TC2) runtime parameter between start and thru date runtime parameters
11	POSFees	999999.99	Sum of transactions defined in POS Fee Tran Codes (8TC3) runtime parameter between start and thru date runtime parameters
12	ATMFees	999999.99	Sum of transactions defined in ATM Fee Tran Codes (8TC4) runtime parameter between start and thru date runtime parameters
13	OtherFees	999999.99	Sum of transactions defined in Other Fee Tran Codes (8TC5) runtime parameter between start and thru date runtime parameters
14	SwipeAmount	999999.99	Sum of Debit Swipe-and-Sign Purchases transactions for agreements defined in Agreement Type (ATYP) runtime parameter between start (SD) and thru date (TD) runtime parameters
15	ChecksManual	999	Count of Over Counter Check (CKUS), Check (CWTH), Check in Loan Pymt Batch (LNUS), Check (ONUS) and Check (RTUS) between start (SD) and thru date (TD) runtime parameters
16	NSFS	999	Count of Insufficient Funds Totals (NSF) Statistic Type equal to the Month and Year of Thru Date (TD) runtime parameter
17	ATMOnUsDep	999	Count of RtxnAgreement.NetworkCd = Default OnUs Network (ONUS) for ATM Deposit (DDEP) transactions between start (SD) and thru date (TD) runtime parameters
18	ATMOnUsWith	999	Count of RtxnAgreement.NetworkCd = Default OnUs Network (ONUS) for ATM Withdrawal (DWTH) transactions between start (SD) and thru date (TD) runtime parameters
19	ATMForeignDep	999	Count of RtxnAgreement.NetworkCd not = Default OnUs Network (ONUS) for ATM Deposit (DDEP) transactions between start (SD) and thru date (TD) runtime parameters
20	ATMForeignWith	999	Count of RtxnAgreement.NetworkCd not = Default OnUs Network (ONUS) for ATM Withdrawal (DWTH) transactions between start (SD) and thru date (TD) runtime parameters

Field	Field Name	Format	Description
21	ATMPinned	999	Count of Point Of Sale Withdrawal (PWTH) and Point Of Sale Deposit (PDEP) pinned based transactions identified by ATM Transaction Source (8ATS) parameter value for agreements defined in the Agreement Types (ATYP) runtime parameter between start (SD) and thru date (TD) runtime parameters
22	ATMSwiped	999	Count of Point Of Sale Withdrawal (PWTH) and Point Of Sale Deposit (PDEP) signature based transactions identified by ATM Transaction Source (8ATS) parameter value for agreements defined in the Agreement Types (ATYP) runtime parameter between start (SD) and thru date (TD) runtime parameters
23	ACHDep	999	Count of External Deposit (XDEP) and IAT Deposit (IDEP) transactions between start (SD) and thru date (TD) runtime parameters
24	ACHWith	999	Count of External Withdrawal (XWTH) and IAT Withdrawal (IWTH) transactions between start (SD) and thru date (TD) runtime parameters
25	PCBankingTrans	999	Count of Deposit (DEP) or Withdrawal (WTH) transactions with a transaction source of Internet (WWW) between start (SD) and thru (TD) date runtime parameters
26	ChecksBillPay	999	Count of Check (CWTH) transactions and the Check (CWTH) transaction has a check number >= 444444 and <= 999999999 between start (SD) and thru date (TD) runtime parameters. Count of External Withdrawal (XWTH) transactions having an application number = 688 (iPay Bill Pay) between start (SD) and thru date (TD) runtime parameters. Count of External Withdrawal (XWTH) transactions with 'BILL PAYMT' in caps anywhere in the External Description between the start (SD) and thru date (TD) runtime parameters. Count of POS Withdrawal (PWTH) transactions and the related card agreement is ORCC or BORC. Count of Descriptive Withdrawal (WTHD) transactions with a related cashbox number equal to the 14259 Application Calculation Variable Bill Payment Application Number (8BPN) occurring between the start (SD) and thru date (TD) runtime parameters.
27	AVR	999	Count of transactions with a transaction source of Voice Response Unit (VRU) between start (SD) and thru date (TD) runtime parameters
28	TellerTrans	999	Count of transactions with a transaction source of Online (ONLI) between start (SD) and thru date (TD) runtime parameters

Field	Field Name	Format	Description
29	CallTrans	999	Count of transactions in branches defined in the Branch Org Number (BRCH) runtime parameter between start (SD) and thru date (TD) runtime parameters
30	DirectDeposit	YN	If an External Deposit (XDEP) transaction occurs at any time a Y is extracted, else N
31	DebitCard	YN	If a card agreement exists for an extracted account and the agreement type is listed in the Debit Card Agreement Types (DBCA) runtime parameter or is of type Debit (DEB) a Y is extracted, else N
32	PCBanking	YN	Existence of an agreement type of World Wide Web (WWW) a Y is extracted, else N
33	BillPay	YN	If Check (CWTH) transactions exist and the Check (CWTH) has a check number >= 444444 and <= 999999999 between start (SD) and thru date (TD) runtime parameters, a Y is extracted; If External Withdrawal (XWTH) transactions exist with an application number = 14259 (iPay Bill Pay) between start (SD) and thru date (TD) runtime parameters, a Y is extracted; If External Withdrawal (XWTH) transactions exist with 'BILL PAYMT' in caps anywhere in the External Description occurring between the start (SD) and thru date (TD) runtime parameters a Y is extracted; If POS Withdrawal (PWTH) transactions exist and the related card agreement is ORCC or BORC a Y is extracted. If Descriptive Withdrawal (WTHD) transactions exist with a related cashbox number equal to the 14259 Application Calculation Variable Bill Payment Application Number (8BPN) occurring between the start (SD) and thru date (TD) runtime parameters a Y is extracted, else N is extracted.
34	SharedBranch	999	Count of transactions with a transaction source code = Shared Branch Transaction Source Code (8SBS) runtime parameter between start (SD) and thru date (TD) runtime parameters
35	eStatement	YN	Existence of a cycle code identified in the eStatement Cycle Codes (8ECC) runtime parameter a Y will be extracted; else N
36	RegE	YN	Value of account field Reg E OD Opt In (REOD)
37	Deceased	YN	If a date of death for the tax reported for person attached to an extracted account has a value a Y will be extracted; else N
38	eMailHome	AlphaNumeric	The email address is selected based on the value of the 'Inst Processing Calculation Variable' value of 'Home Email Address Use Cd'. In the System area of DNA™ select Institution > Variables > Select Calculation Type of Inst Processing > Home Email Address Use Cd (all commas will be removed)
39	OnlineID	AlphaNumeric	In DNA Agreements > Electronic > User ID (all commas will be removed)

Field	Field Name	Format	Description
40	ClearAccount	YN	Value of account field as defined in the Clear Account UF Code (8CUF) runtime parameter
41	DebitCardType	AlphaNumeric	If a card agreement exists for an extracted account and the agreement type is listed in the Debit Agreement Type Code(s) (8DBT) runtime parameter, the code will be extracted
42	MemberNumber	123	Member number of the tax reported for person or organization number
43	MemberGroup	AlphaNumeric	The member group code attached to the member number
44	3rdPartyOptOut	YN	Value of person level field 3RDP for the tax reported person of the extracted account
45	BranchNbr	123	The branch of account at time of thru date (TD) runtime parameter
46	Region	AlphaNumeric	Value of organization field as defined in the Branch Region UF Code (8RUF) runtime parameter for branch of account
47	CreditScore	123	If the account extracted is a loan use account credit score; if none exists or account is not a loan use most recent person or organization credit score
48	TellerBranch	123	The branch where the count of teller transactions occurred (since the count for teller transactions could cover multiple branches, the branch with the most activity for teller transactions will be extracted. If equal number among multiple branches, extract the minimum branch number)
49	StatementCycleCode	AlphaNumeric	The four (4) character Statement Production cycle code active as of runtime the account is assigned to; if the account is a secondary account, the primary account's four (4) character Statement Production cycle code active as of runtime will be extracted
50	PersOrgNbr	Alphanumeric	The "tax reported for" person or organization number on the account, prefixed with "P" for persons or "O" for organizations.
51	AccountUserField	Alphanumeric	The value found in the account level user field specified in the "Account User Field" (8AUF) parameter.
52	TotalDepositFees	999999.99	The sum of completed transaction amounts from transactions found in the "Raddon Deposit Fees" (8RDF) transaction reporting group with an original postdate between the "Start Date" (SD) and "Thru Date" (TD) parameters.
53	TotalLoanFees	999999.99	The sum of completed transaction amounts from transactions found in the "Raddon Loan Fees" (8RLF) transaction reporting group with an original postdate between the "Start Date" (SD) and "Thru Date" (TD) parameters.

Configuration Checklist:

Item	Test Environment	Production Environment
Parameters		
Variables		
Transaction Reporting Group		

Installation:
Note: If you obtained this application from the DNAappstore, please disregard the installation instructions below. If you did not obtain this application from the DNAappstore, please complete the installation instructions below.

- Copy PS_RADDON_EXTRACT.SQT to the Batch Process to the PS batch application directory; the location specified in the PS Batch Report Directory 'BATP' Institution Option.

- This application includes custom stored procedures that need to be loaded on the database. As with any stored procedure, please do not load it while the system is in ONLINE mode, or while batch is running. To load the stored procedures please use the Oracle Object Manager in the SAF Resource Kit.

  To download Resource Kit: On Extranet, go to <u>Core --> SAF --> SAF Resource Kit Releases</u> --> 'latest release' --> Download File.   This will install the resource kit.

  To run the utilities: Start --> All Programs --> Open Solutions Resource Kit will open windows explorer showing various utilities. Open OracleObjectManager and launch OSI.SafRk.OracleObjectManager.exe.

  The SAF Resource Kit tools use Oracle client and therefore should preferably be run from App Server -- or at least from a machine that has Oracle client installed on it.

  It is important that the following steps be performed in the exact order as follows.

  The following stored procedures must be loaded first:

  - PACK_PS_COMMON_PACK_WRAP.SQL
  - PACK_PS_COMMON_PBOD_WRAP.SQL

- This application requires the running of the script PS_RADDON_EXTRACT_INSTALL.SQL, pack_ps_common_view_install.sql and PS_RADDON_EXTRACT_DDL.SQL (Setup Script): Copy this file to any directory accessible to the applicable SQL application (SQL Developer, PL/SQL Developer, etc.) You need to run the setup script to register the application.

- This application includes custom stored procedures that need to be loaded on the database.

  - PACK_PS_RADDON_EXTRACT_PACK_WRAP.SQL
  - PACK_PS_RADDON_EXTRACT_PBOD_WRAP.SQL

- This application requires an Authorization Key. After the primary installation instructions have been completed, you must apply the supplied Authorization Key for this application.

  To enter the Authorization Key, go to Services >> System >> Institution >> Applications >> Application Manager.

Revisions:

Date	App Version #	Change
12/2020	1.0.0.0	EXTN folder created, single setup script used for Batch/App. Added parameter description PARA - parallel processing.
06/2020	1.0.0.0	Support for migration of delivery method code to account.
06/2019	1.0.0.0	Added check AcctYN=Y to validate Account User Field
05/2019	1.0.0.0	Added below four new fields at the end of the extract. • PersOrgNbr • AccountUserField • TotalDepositFees • TotalLoanFees
03/2018	1.0.0.0	Created EXTN and validation ready
02/2018	1.0.0.0	Reformatted the Document.
06/2017	1.0.0.0	Corrected Debit Card Agreement Types selection logic
07/2016	1.0.0.0	Corrected DebitCard (Field 31) selection logic
04/2016	1.0.0.0	Field description change to ATMPinned and ATMSwiped
03/2016	1.0.0.0	Application is modified for further optimization and fixed an issue to print correct Fees Amounts in the extract.
02/2016	1.0.0.0	Added pack_ps_common to installation instructions
09/2015	1.0.0.0	Application is modified for optimization. Also fixed following issues: • Fixed issue to print valid value of field Deceased • Fixed issue to print all amounts with two decimal places
05/2015	1.0.0.0	Updated documentation to current standards.
06/2013	1.0.0.0	Updated the REGE Opt in YN to look for the value in either the account user field or the account entity attribute.

Date	App Version #	Change
03/2013	1.0.0.0	Added ability to add Delivery Method Code(s) list for eStatement Qualification Meth = D to eStatement Cycle Code(s) (8ECC) runtime parameter
01/2013	1.0.0.0	Input parameters for different fee Transaction Types will consider all input values irrespective of it belongs to service charge family or not. e.g. if a transaction type from transaction type category ANLY included to the input parameter "NSF Fee Tran Codes-8TC2" it will be used to calculate NSF fee values in the extract files.
04/2012	1.0.0.0	Added Application Calculation Variables for Bill Pay ApplNbr and CashboxNbr; Enhanced BillPayYN flag; added IAT transactions to ACHDep and ACHWith; Changed Major runtime parameter required Yes to No (default is CK)
11/2011	1.0.0.0	Added 8EQM, 8EUV & 8EUC runtime parameters & Field 49 Statement Cycle Code to output
11/2011	1.0.0.0	Corrected ApplNbr from 14259 to 688 for iPay Bill Payment applnbr (Field 33)
06/2011	1.0.0.0	Added DBCA runtime parameter Debit Card Issued? (Field 31)