PPSR API Business Rules

December 2019

Version 1.1

Table of contents

Document control

Version history

Date	Version	Author	Description of change
06.12.2017	V0.1	MBIE	Build 3 business rules documented
23.01.2018	V0.2	MBIE	Added: PPSR_15, 16, 44, 45 added; top level error messages and customer category reference table
08.02.2018	V0.3	MBIE	Added: PPSR_35, 43, 56, 39, 61
19.02.2018	V0.4	MBIE	Added link to API gateway errors Clarified API gateway vs PPSR Register top level errors
12.04.2018	V0.5	MBIE	Minor amendments
23.04.2018	V0.6	MBIE	Added change demand code Documented Errors for as per RPPSR-710 for PPSR_01,03,40,55,15,16 Added documentation Added notes around payment errors for PPSR_17,16,02
01.08.2018	V0.7	MBIE	Added Debtor Organisation Types Mapping
21.09.2018		MBIE	Added error for search id not authorized PPSR_01,PPSR_40
05.03.2019	V1.0	MBIE	Removed VIN character validation Updated PPSR_17 direct debit error Email domain check General edits
19.12.2019	V1.1	MBIE	Removed criteria for person acting on behalf in debtor organisation search.

Purpose

The purpose of this document is to provide business specific rules for each of the new PPSR API operations. These rules extend the swagger definition in describing conditional rules for usage of the operations. The document contains error codes and error descriptions that will be included if a rule is not met when generating the request payload for the operation.

API operations

PPSR_17 - Create (register) a new financing statement

POST /financing-statements

Paid operation. Needs payment to be setup. Responds with the following error if not: payment.error.107 (400). Please note though the error suggest a 400, you will need to look at if your Direct Debit has been setup and approved. If yes then this could be a problem with the payment system and simply trying after sometime would help

Request

- Either debtor incorporationNumber or NZBN must be provided when debtorType is organisation AND organisationType is one of the following CO,IS, ICT,IPS,BDS,FSU or LP. ppsr.error.nzbn.mandatory.missing (400)

spgKey. spgId	If spg ID is not found. ppsr.error.entity.not.found (404)
spgPwd	Invalid password for the Secured Party Group. ppsr.error.spg.not.authorised (403)
expiryDate	If not supplied will be populated with a date 5 years from now (Not implemented yet) Expiry date must be on or greater than registration date and not more than 5 years from registration date. ppsr.error.fs.expiry.future and ppsr.error.fs.expiry.past (400)
collateral.thirdPartyId	This element has not yet been implemented and currently though part of v1, throwns and Unrecognized JSON error. Tracking using RPPSR-405
collateral.collateralType	**For:** collateralType = 'MV' vin, chassis or plate must be provided. Errors with ppsr.error.mandatory.vin.regnum.chassis (400) if not provided vin must be 17 characters in length else the following error is sent ppsr.error.length.vin (400) make model and year are mandatory **For:** collateralType = 'ACFT' registration mark or serial must be provided. ppsr.error.mandatory.regmark.or.serialnum (400) registration mark should between 3 and 7 characters. ppsr.error.length.regmark (400) aircraftClass, make model and year are mandatory **For:** collateralType = 'OTH' OR 'AAPPE' Collateral Item Description is required for Collateral Types 'Other' and 'All Present and After Acquired Personal Property Except...' if one of the following is entered else its

	optional • Identifying numbers • Make • Model • Year • Colour
collateral.collDescription	Is mandatory for the following collateral types Goods – livestock, Goods – crops, Goods – other, Documents of title, Chattel paper, Investment securities, Negotiable instruments, Money, Intangibles and All present and after acquired personal property except... Is optional for the following All present and after acquired personal property Is not applicable for the following Goods – motor vehicles and Goods – aircraft
collateral.collateralItems	At least one item to be provided for Goods – motor vehicles and Goods - aircraft Items are optional for Goods – other and All present and after acquired personal property except... Not applicable for all other collateral types
collateralItems[n]. thirdPartyItemId	This is an optional field. Please note if this is sent through the response for the persisted data will be in the regsiteringPartyInformation.collateral[n].collateralItems object
nzbn	Should be a 13 digit numeric value. ppsr.error.numeric.only and ppsr.error.nzbn.length (400) The NZBN provide should be found in the nzbn register in an active state. ppsr.error.nzbn.invalid (400) If the NZBN register is not available at the time of validating the nzbnValidated is set to false in the response Either debtor incorporationNumber or NZBN must be provided when debtorType is organisation AND

	organisationType is one of the following: - CO (Company) - IS (Incorporated Society) - ICT (Incorporated Charitable Trust Board) - IPS (Industrial and Provident Society - BDS (Building Society) - FSU (Friendly Society or Credit Union) - LP (Limited Partnership) ppsr.error.nzbn.mandatory.missing (400) Additionally NZBN will also be validated against the NZBN register for organisation Type OTR if it is provided NZBN will be ignored and not saved on the register when: debtorType is person OR debtorType is organisation AND organisationType is one of the following: - PAR (Partnership) - TRS (Trust)
debtorOrganisation	Mandatory for debtorType = 'organisation'
debtorOrganisation.organisationType	Mandatory for debtorType = 'organisation'. Use reference data
debtorOrganisation .organisationName	NZBN entity name should be an exact match to organisationName provided in the request. ppsr.error.nzbn.name.mismatch (400)
debtorOrganisation .incorporationNumber	Optional when debtorType is organisation AND organisationType is one of the following: - PAR (Partnership) - TRS (Trust) - OTR (Other) If provided, Source Entity Id should match incorporationNumber. ppsr.error.nzbn.id.mismatch (400) Sending an invalid incorporation number currently sends back ppsr.error.mandatory.missing (400) for the nzbn field element.

debtorPersonOrAob .jobTitle	If the debtorType is 'organisation' Either debtorPersonOrAob person's name (firstName/lastName is mandatory for persons name) or job title must be entered. ppsr.error.mandatory.jobtitle.or.name (400) Cannot send both person's name and job title. ppsr.error.mandatory.jobtitle.and.name (400) the debtorType is 'person' job title is ignored
debtorPersonOrAob.firstName	If the debtorType is 'organisation' Either debtorPersonOrAob person's name (firstName/lastName is mandatory for persons name) or job title must be entered. ppsr.error.mandatory.jobtitle.or.name (400) Cannot send both person's name and job title. ppsr.error.mandatory.jobtitle.and.name (400) If the debtorType is 'person' job title is ignored
debtorPersonOrAob.lastName	If the debtorType is 'organisation' Either debtorPersonOrAob person's name (firstName/lastName is mandatory for persons name) or job title must be entered. ppsr.error.mandatory.jobtitle.or.name (400) Cannot send both person's name and job title. ppsr.error.mandatory.jobtitle.and.name (400) If the debtorType is 'person' job title is ignored
debtorPersonOrAob.dateOfBirth	If debtorType is 'person' dateOfBirth is mandatory If debtor type is 'organization' the date of birth is ignored

PPSR_03 - Update (amend) financing statement

PUT /financing-statements/{registrationNumber}

The simple rule is 'only submit an element when you want to apply a change' and 'don't submit an element where there is no change'. The following rules detail this logic for adds, removes and changes:

1. To retain a secured party override person / debtor / collateral / collateralItem - unchanged - do not supply that instance / element at all.

2. To make changes to an existing secured party override person / debtor / collateral / collateralItem - supply all properties (unchanged or changed) for the secured party override / debtor / collateral / collateralItem, including Register issued ID. For secured party override persons - set spOverridePersonsAob[].securedPartyId to the organisation for which the override applies, details spOverridePersonsAob[].overridePerson and set overridePerson.isOverride=yes. PPSR will apply the appropriate validations and update the element.

3. To add a new secured party override person / debtor / collateral / collateralItem - as per register financing statement - provide a new a debtor / collateral / collateralItem (no Register issued ID). For secured party override person, provide a spOverridePersonsAob[].overridePerson element with override details and set the securedPartyID to that of the organisation to apply the override person for (also setting overridePerson.isOverride=yes) - PPSR will apply validations and create the element (or replace the existing secured party override person for the organisation where the securedPartyId is found).

4. To remove a secured party override person / debtor / collateral / collateralItem - only supply the MBIE issued ID (when it was created) being one of collateralID (and all collateralItemIDs) or debtorID, or spOverridePersonsAob[].securedPartyID. Do not supply other properties. Supplying the ID alone will indicate to PPSR a removal of the instance.

Path and query parameter List

registrationNumber	The Financing statement existing should exists in the register. ppsr.error.entity.not.found (404)
	The Financing Statement should have 'Registered' status. ppsr.error.not.registered (400)
	The FS belongs to the SPG provided in fsAuthority. ppsr.error.fs.spgDetails.mismatched (403)

Request

expiryDate	If not supplied will be populated with a date 5 years from now (Not implemented yet)
	Expiry date must be on or greater than registration date and not more than 5 years from registration date. ppsr.error.fs.expiry.future and ppsr.error.fs.expiry.past (400)
collateralId	If provided the collateral id must exists for the FS being amended. ppsr.error.id.invalid (400)
collateralType	If collateralId is provided, check that the collateralType is the same as on the register for this collateral ID. ppsr.error.collateraltype.invalid (400)
	For: collateralType = 'MV'

	vin, chassis or plate must be provided ppsr.error.mandatory.vin.regnum.chassis (400)
	do not accept the character 'I', 'Q' or 'O', 'i', 'q', 'o' in the vin element ppsr.error.invalid.character.vin (400)
	vin must be 17 characters in length ppsr.error.length.vin (400)
	make model and year are mandatory
	For: collateralType = 'ACFT'
	registration mark or serial must be provided. ppsr.error.mandatory.regmark.or.serialnum (400)
	registration mark should between 3 and 7 characters. ppsr.error.length.regmark (400)
	aircraftClass, make model and year are mandatory
	For: collateralType = 'OTH' OR 'AAPPE'
	Collateral Item Description is required for Collateral Types 'Other' and 'All Present and After Acquired Personal Property Except…' if one of the following is enterered else its optional
	• Identifying numbers
	• Make
	• Model
	• Year
	• Colour
collDescription	Is mandatory for the following collateral types
	Goods – livestock, Goods – crops, Goods – other, Documents of title, Chattel paper, Investment securities, Negotiable instruments, Money, Intangibles and All present and after acquired personal property except...
	Is optional for the following
	All present and after acquired personal property
	Is not applicable for the following
	Goods – motor vehicles and Goods – aircraft
collateralItems	At least one item to be provide for
	Goods – motor vehicles and Goods - aircraft
	Items are optional for
	Goods – other and All present and after acquired personal property except...

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	Not applicable for all other collateral types
year	The collateral item year where supplied must have the value between 1700 and the current year plus 1. ppsr.collateral.year.invalid.error (400)
debtorId	If provided, this Id must exists for this FS. ppsr.error.id.invalid (400)
debtorType	Check that the type is the same as on the register for the debtor. ppsr.error.debtortype.invalid (400)
nzbn	Should be a 13 digit numeric value. ppsr.error.numeric.only and ppsr.error.nzbn.length (400)
	The NZBN provide should be found in the nzbn register in an active state. ppsr.error.nzbn.invalid (400)
	If the NZBN register is not available at the time of validating the nzbnValidated is set to false in the response
	Either debtor incorporationNumber or NZBN must be provided when
	debtorType is organisation AND
	organisationType is one of the following:
	- CO (Company)
	- IS (Incorporated Society)
	- ICT (Incorporated Charitable Trust Board)
	- IPS (Industrial and Provident Society
	- BDS (Building Society)
	- FSU (Friendly Society or Credit Union)
	- LP (Limited Partnership)
	ppsr.error.nzbn.mandatory.missing (400)
	Additionally NZBN will also be validated against the NZBN register for organisation Type OTR if it is provided
	NZBN will be ignored and not saved on the register when:
	debtorType is person OR
	debtorType is organisation AND organisationType is one of the following:
	- PAR (Partnership)
	- TRS (Trust)
debtorOrganisation	Mandatory for debtorType = 'organisation'

debtorOrganisation.organisation Type	Mandatory for debtorType = 'organisation'. Use reference data
organisationName	NZBN entity name should be an exact match to organisationName provided in the request. ppsr.error.nzbn.name.mismatch (400)
incorporationNumber	Optional when debtorType is organisation AND organisationType is one of the following: - PAR (Partnership) - TRS (Trust) - OTR (Other) If provided, Source Entity Id should match incorporationNumber. ppsr.error.nzbn.id.mismatch (400) Sending an invalid incorporation number currently sends back ppsr.error.mandatory.missing (400) for the nzbn field element. This should read a bit better but will be keeping the current response
mailingAddress	If mailing address exist for the debtor and is not sent in the request then it will be removed/deleted as part of this request
debtorPersonOrAob.jobTitle	If the debtorType is 'organisation' Either debtorPersonOrAob person's name (firstName/lastName is mandatory for persons name) or job title must be entered. ppsr.error.mandatory.jobtitle.or.name (400) Cannot send both person's name and job title. ppsr.error.mandatory.jobtitle.and.name (400) the debtorType is 'person' job title is ignored
debtorPersonOrAob.firstName	If the debtorType is 'organisation' Either debtorPersonOrAob person's name (firstName/lastName is mandatory for persons name) or job title must be entered. ppsr.error.mandatory.jobtitle.or.name (400) Cannot send both person's name and job title. ppsr.error.mandatory.jobtitle.and.name (400) If the debtorType is 'person' job title is ignored
debtorPersonOrAob.lastName	If the debtorType is 'organisation' Either debtorPersonOrAob person's name (firstName/lastName is mandatory for persons name) or job title must be entered. ppsr.error.mandatory.jobtitle.or.name (400) Cannot send both person's name and job title. ppsr.error.mandatory.jobtitle.and.name (400) If the debtorType is 'person' job title is ignored
debtorPersonOrAob.dateOfBirth	If debtorType is 'person' dateOfBirth is mandatory If debtor type is 'organization' the date of birth is ignored
debtorPersonOrAob. mailingAddress	If mailing address exist for the debtor and is not sent in the request then it will be removed/deleted as part of this request

PPSR_02 - Search for financing statements

POST /financing-statements-search

Paid operation. Needs payment to be setup. Responds with the following error if not payment.error.107 (400). Please note though the error suggest a 400, you will need to look at if your Direct Debit has been setup and approved. If yes then this could be a problem with the payment system and simply trying after sometime would help

Request

searchBy	Search by any one of financingStatements, debtorPerson, debtorOrganisation, aircraft or motorVehicle
legitimateSearchReason	Every request to generate a search must contain this flag set to yes indicating the requestor is authorized to search the register. ppsr.error.search.confirmation (400)
searchByFinancingStatements	Conditional. Mandatory if searchBy= financingStatements Cannot send more than 10 registrationNumbers .ppsr.error.toomany (400) Cannot send duplicate financing statements in the request ppsr.error.fsid.search.duplicate (400)
searchByDebtorPerson	Conditional. Mandatory if searchBy= debtorPerson. Only starts with wildcard search permitted. Must send a minimum of 2 characters with a wild card * for first name and last name ppsr.error.min.characters (400)
searchByDebtorOrganisation	Conditional. Mandatory if searchBy= debtorOrganisation. Either organisation name or incorporation number or NZBN must be provided. Exact match is performed on incorporation number and nzbn Starts with wildcard search is performed on organisation name if wild card provided else an exact match is performed on the name Valid values from Collateral Type reference data. If invalid collateral type code is sent a successful response will be returned with no search items.
searchByMotorVehicle	Conditional. Mandatory if searchBy= motorVehicle. At least one of registrationPlate, vin or chassis must be provided. ppsr.error.mandatory.vin.regnum.chassis (400)
searchByAircraft	Conditional. Mandatory if searchBy= aircraft. At least of of registrationMark or manufactureSerial must be provided ppsr.error.mandatory.regmark.or.serialnum (400)

Response

sortOrder	Asc

sortBy	Uses the registration date
items	Empty array if no results found or page request is greater than total pages else an array of financing statement search result
searchRequest	A search response will contain the object sent in the request. See PPSR_02 request.
searchId	A unique id is generated by the system and responded

PPSR_01 - Get financing statement by ID

GET /financing-statements/{registrationNumber}

Path and query parameter List

- Either spgId /spg-pwd combination or search-id must be provided. ppsr.error.fs.input.params.none (400)
- Both spgId/spg-pwd combination and search-id must be provided. ppsr.error.fs.input.params.all (400)

spgId	If spg ID is not found. ppsr.error.entity.not.found (404)
spgPwd	Invalid password for the Secured Party Group. ppsr.error.spg.not.authorised (403)
search-id	Search-id that is valid and not expired. ppsr.error.search.expired (400)
	Search-id that was not initiated by user requested operation ppsr.error.searchid.notauthorised (403)

Response

Note	Only exists if search-id sent in the request
debtorPin	Only exists if spgId /spg-pwd in the request

PPSR_40 - Get financing statements within search or SPG

GET /financing-statements

Path and query parameter List

- Either spgId /spg-pwd combination or search-id must be provided. ppsr.error.fs.input.params.none (400)
- Both spgId/spg-pwd combination and search-id must be provided. ppsr.error.fs.input.params.all (400)

spgId	If spg ID is not found. ppsr.error.entity.not.found (404)
spgPwd	Invalid password for the Secured Party Group. ppsr.error.spg.not.authorised (403)
search-id	Search-id that is valid and not expired. ppsr.error.search.expired (400) Search-id that was not initiated by user requested operation ppsr.error.searchid.notauthorised (403)
registration-number-list	All FS supplied should belong to either the spgId or search-id provided. ppsr.error.fs.spgDetails.mismatched,ppsr.error.search.not.returned (400)

Response

sortOrder	Asc
sortBy	registration date
Items	Empty array if no results found or page request is greater than total pages else and array of financingStatement objects is returned
financingStatement	There are certain sub elements of the object that are sent back only if request has been sent with the spgId/spg-pwd combination
financingStatement.note	Only exists if search-id sent in the request
financingStatement.debtorPin	Only exists if spgId /spg-pwd in the request

PPSR_55 - Get all versions of a financing statement

GET /financing-statements/{registrationNumber}/versions

Request Path and Query Parameters

registrationNumber	Financing Statement must exist. ppsr.error.entity.not.found (404)
	Financing statement passed in must belong to the supplied Secured Party Group. ppsr.error.fs.spgDetails.mismatched (403)
spgId	A valid spgId should be ending. ppsr.error.entity.not.found (404)
spg-pwd	Invalid password for the Secured Party Group. ppsr.error.spg.not.authorised (403)

Response

sortBy	Sorted by version
soryOrder	Descending

PPSR_34 - Create a new secured party group

POST /secured-party-groups

Request

authorisedToCreate	Every request to create an SPG must contain this flag set to yes indicating the requestor is authorized to create the secured party group. ppsr.error.createSPG.authorised.mandatory (400)
securedParties	The securedParties object should contain at least one object of type securedParty. ppsr.error.mandatory.missing (400)
securedParty.nzbn	Should be a 13 digit numeric value. ppsr.error.numeric.only and ppsr.error.nzbn.length (400) The NZBN provide should be found in the nzbn register in an active state. ppsr.error.nzbn.invalid (400) If the NZBN register is not available at the time of validating the nzbnValidated is set to false in the response
securedPartyOrganisation	This object is mandatory if the securedPartyType is 'organisation'
securedPartyPersonOrAob.jobTitle	If the securedPartyType is 'organisation' Either person's name (firstName/lastName is mandatory for persons name) or job title must be entered. ppsr.error.mandatory.jobtitle.or.name (400) Cannot send both person's name and job title. ppsr.error.mandatory.jobtitle.and.name (400)

Response

authorisedToCreate	This value is not be send back in the response
securedParty.nzbnValidated	This is set to 'true' if the provided NZBN has been validated against the register. If the NZBN register was unavailable while validating the provided value, this will be set to 'false' NOTE: this functionality has not yet been implemented and currently responds with an error. ppsr.error.nzbn.error (400)
securedParty.securedPartyId	This is generated by the system and sent back in the response.

PPSR_33 - Get secured party group by ID

GET /secured-party-groups/{spgId}

Path and query parameter List

spgId	If spg ID is not found. ppsr.error.entity.not.found (404)
spgPwd	Invalid password for the Secured Party Group. ppsr.error.spg.not.authorised (403)

PPSR_37 - Update secured party

PUT /secured-party-groups/{spgId}

Request

- Secured Parties cannot be added or deleted during SPG Amend

securedParties	The securedParties object should contain at least one object of type securedParty. ppsr.error.mandatory.missing (400)
securedParty.nzbn	Will not be revalidated if the value not been changed. If changed the validation rules on create apply Should be a 13 digit numeric value. ppsr.error.numeric.only and ppsr.error.nzbn.length (400) The NZBN provide should be found in the nzbn register in an active state. ppsr.error.nzbn.invalid (400) If the NZBN register is not available at the time of validating the nzbnValidated is set to false in the response
securedPartyOrganisation.organisationName	Cannot be changed. Will be ignored if this is not equal to the persisted value
securedPartyOrganisation.mailingAddress	If mailing address exist for the debtor and is not sent in the request then it will be removed/deleted as part of this request
securedPartyPersonOrAob.firstName	Cannot be changed. Will be ignored if this is not equal to the persisted value
securedPartyPersonOrAob.lastName	Cannot be changed. Will be ignored if this is not equal to the persisted value
securedPartyPersonOrAob.mailingAddress	If mailing address exist for the debtor and is not sent in the request then it will be removed/deleted as part of this request

PPSR_38 - List financing statements by secured party group

GET /secured-party-groups/{spgId}/financing-statement-list

Path and query parameter List

spgId	If spg ID is not found. ppsr.error.entity.not.found (404)
spgPwd	Invalid password for the Secured Party Group. ppsr.error.spg.not.authorised (403)
include-pins	Default is 'no' Need to a valid verified-secured-party-email to include pins
verifying-secured-party-email	Mandatory if include-pins is set to 'yes' and must be a valid secured-party-email. ppsr.error.spemail.mandatory (400)
registration-from-date	Must be send along with registration-to-date and cannot be after the to date ppsr.invalid.daterange (400)
registration-to-date	Must be send along with registration-from-date ppsr.invalid.daterange (400)
expiry-from-date	Must be send along with expiry-to-date and cannot be after the to date ppsr.invalid.daterange (400)
expiry-to-date	Must be send along with expiry-from-date ppsr.invalid.daterange (400)
registration-number-list	Cannot be sent if any of the date ranges have been requested for. pppsr.error.list.or.dates
by-status	Additional filter for date range request

Response

sortOrder	asc
sortBy	registration date
items	Empty array if no results found or page request is greater than total pages else and array of financingStatement objects is returned
financingStatementSummary	The construction of certain elements are based on the request parameter
debtorNames	If debtorType = 'person' – then first name + ' ' + middle name(s) + ' ' last name. If debtorType = 'organisation' – then return debtor organisation name
debtorPin	if include-pins was set to 'yes' in the request
fsPin	if include-pins was set to 'yes' in the request

PPSR_23 - Get user profile

GET /user-current

Responds with the profile of the associated OAuth token provided in the request

PPSR_51 – Get all active users for customer organisation

GET /users

Responds with all the users of the organisation associated with the requesting user. Users with status 'pending' will also be returned with a blank userId

PPSR_52 - Get user profile by user ID

GET /users/{userId}

Path and query parameter List

userId	An active, valid userId can be updated. ppsr.error.entity.not.found (404)
	The user being updated belongs to the organisation associated with the requesting user. ppsr.error.no.permission (403)

PPSR_53 - Create user with profile and link to the customer organisation

POST /users

Request

role	If value is not sent, the default 'user' type will be created

Response

userId	The request creates a user in the pending date. The system does not generate a user id till the user has been activated. User id in the response will be blank

PPSR_54 - Update user profile by user ID

PUT /users/{userId}

Path and query parameter List

userId	An active, valid userId can be updated. ppsr.error.entity.not.found (404)
	The user being updated belongs to the organisation associated with the requesting user. ppsr.error.no.permission (403)
	The user status should be active and not deleted. ppsr.error.user.deleted (400)

PPSR_59 - Remove a user from their organisation (unlink)

DELETE /users/{userId}

Path and query parameter List

userId	An active, valid userId can be updated. ppsr.error.entity.not.found (404)
	The user being updated belongs to the organisation associated with the requesting user. ppsr.error.no.permission (403)
	The user status should be active and not deleted. ppsr.error.user.deleted (400)
	The user being deleted cannot be the last user for the organisation nor the last admin of the organisation. ppsr.error.active.admin.orgusers.toofew (400)

PPSR_58 - Get vehicle information from NZTA

GET /vehicles/{vehicleId}

Request Path and Query Parameters

vehicleId	If vehicle-id-type is vin, vehicleId should be of length 17. Error Description 'Invalid VIN'. (404)
	If no vehicle is found with the supplied vin. Error description 'No vehicle exists for this VIN' (404)
	If no vehicle is found with the supplied plate. Error description 'Plate not found' (404)
vehicle-id-type	If one of the enum values are not provided, responds with the error message 'Supply either the VIN number (17 characters) or registration plate number.' (400)

PPSR_39 - Get reference data

GET /reference-data/{tableId}

Request Path and Query Parameters

tableId	Valid values
	• aircraftClasses
	• collateralTypes
	• countryCodes
	• organisationTypes
	• customerCategories
	If an invalid table id is sent ppsr.error.invalid.request (404)

PPSR_60 - NZ post address search, by address string or Delivery Point Identifier (DPID)

GET /addresses

Request Query Parameters

dpid	If both dpid and find are passed through then the value against find will be ignored. If an invalid dpid is sent through it will still respond with a 404 response
find	Must be provided if dpid is not sent. Error Message 'Supply either 'dpid' or 'find'.' (400)

PPSR_45 - Retrieve customer organisation details

GET /customer-organisation

Request Query Parameters

Responds with the profile of the customer organisation setup to the user associated OAuth token provided in the request. The user must be an admin of the organisation

PPSR_44 - Update customer organisation

POST /customer-organisation

The request must be sent with the Authorization token of a user who is an admin of the organisation

The request should conform to the mandatory rules as specified in the swagger definition. The spgKey and status elements are read only and will be ignored if sent in the request.

Request

customerCategory	Mandatory. Use reference data

PPSR_43 - List PPSR fees for the customer organisation

GET /customer-organisation-fees

Request Query Parameters

Path and query parameter List

from-date	Should be in the required format
to-date	Should be in the required format

PPSR_56 - List PPSR transactions for customer organisation

GET /customer-organisation-transactions

Request Query Parameters

Path and query parameter List

request-id	Must provide any of from-date and to-date, or from-transaction-sequence and to-transaction-sequence, or request-id, or billing-reference. ppsr.error.query.invalid (400)
billing-reference	Must provide any of from-date and to-date, or from-transaction-sequence and to-transaction-sequence, or request-id, or billing-reference. ppsr.error.query.invalid (400)
from-date	Must provide any of from-date and to-date, or from-transaction-sequence and to-transaction-sequence, or request-id, or billing-reference. ppsr.error.query.invalid (400)
to-date	Must provide any of from-date and to-date, or from-transaction-sequence and to-transaction-sequence, or request-id, or billing-reference. ppsr.error.query.invalid (400)
from-transaction-sequence	Must provide any of from-date and to-date, or from-transaction-sequence and to-transaction-sequence, or request-id, or billing-reference. ppsr.error.query.invalid (400) Must be a valid sequence for the customer organisation. ppsr.error.invalid.sequence (400)
to-transaction-sequence	Must provide any of from-date and to-date, or from-transaction-sequence and to-transaction-sequence, or request-id, or billing-reference. ppsr.error.query.invalid (400) Must be a valid sequence for the customer organisation. ppsr.error.invalid.sequence (400)
channel	Filter by channel if sent
user-id	Filter by the user-id. Must belong to the customer organisation

PPSR_50 - Generate new pins for a financing statement

POST /financing-statements/{registrationNumber}/action-new-pins

Request Path and Query Parameters

registrationNumber	If an invalid registrationNumber is sent through it will still respond with a 404 response
	FS Status is 'Registered' AND FS Expiry date/time is after current date/time else error will be ppsr.error.not.registered (400)
	FS belongs to the SPG provided in the body of the request else error will be ppsr.error.fs.spgDetails.mismatched (403)

Request

fsAuthority	Mandatory. ppsr.error.mandatory.missing (400)
fsAuthority.fsPin	Mandatory. ppsr.error.mandatory.missing (400)
	If incorrect pin sent ppsr.error.fs.wrong.pin (403)
fsAuthority.spgId	Mandatory. ppsr.error.mandatory.missing (400)
	FS belongs to the SPG provided in the body of the request else error will be ppsr.error.fs.spgDetails.mismatched (403)
	If the provided spg does not exists in the register a 404 will be returned
fsAuthority.spgPwd	Mandatory. ppsr.error.mandatory.missing (400)
	If invalid password ppsr.error.spg.not.authorised (403)
newFsPin	Either newDebtorPin or newFsPin has to be provided in the request and set to 'yes', else ppsr.error.debtorpin.or.fspin (400)
newDebtorPin	Either newDebtorPin or newFsPin has to be provided in the request and set to 'yes', else ppsr.error.debtorpin.or.fspin (400)

PPSR_15 - Discharge financing statement

POST /financing-statements/{registrationNumber}/action-discharge

Request Path and Query Parameters

registrationNumber	If an invalid registrationNumber is sent through it will still respond with a 404 response
	FS Status is 'Registered' AND FS Expiry date/time is after current date/time else error will be ppsr.error.not.registered (400)
	FS belongs to the SPG provided in the body of the request else error will be ppsr.error.fs.spgDetails.mismatched (403)

Request

fsPin	Mandatory. ppsr.error.mandatory.missing (400)
	If incorrect pin sent ppsr.error.fs.wrong.pin (403)
spgId	Mandatory. ppsr.error.mandatory.missing (400)
	FS belongs to the SPG provided in the body of the request else error will be ppsr.error.fs.spgDetails.mismatched (403)
spgPwd	Mandatory. ppsr.error.mandatory.missing (400)
	If invalid password ppsr.error.spg.not.authorised (403)

PPSR_35 - Transfer financing statement(s)

POST /secured-party-groups/{spgId}/action-transfer-fs

Request Path and Query Parameters

spgId	If spg ID is not found. ppsr.error.entity.not.found (404)

Request

spgPwd	Mandatory. ppsr.error.mandatory.missing (400)
futureSpgId	Mandatory. ppsr.error.mandatory.missing (400) If incorrect pin sent ppsr.error.fs.wrong.pin (403)
transferAll	Mandatory. ppsr.error.mandatory.missing (400) Must be set to yes or a valid list of FS ids should be provided in the financingStatementsToTransfer else ppsr.error.fslist.or.transferall (400)
financingStatementsToTransfer	Should have atlease one FS in the array if transferAll set to 'no else ppsr.error.fslist.or.transferall (400)
verifyingSecuredPartyEmail	Mandatory. ppsr.error.mandatory.missing (400) Valid secured party email of the future SPG Id must be provided else ppsr.error.futuresp.email.invalid (400)

Response

This service behaves like an asynchronous call and will respond with a 204 http response with no body if the request is a valid request. Though processing will continue after the response is received there are a few checks done internally before the 204 response and hence time may vary based on how many Financing statements are being transferred.

PPSR_16 - Renew financing statement

POST /financing-statements/{registrationNumber}/action-renew

Paid operation. Needs payment to be setup. Responds with the following error if not payment.error.107 (400). Please note though the error suggest a 400, you will need to look at if your Direct Debit has been setup and approved. If yes then this could be a problem with the payment system and simply trying after sometime would help

Request Path and Query Parameters

registrationNumber	If an invalid registrationNumber is sent through it will still respond with a 404 response
	FS Status is 'Registered' AND FS Expiry date/time is after current date/time else error will be ppsr.error.not.registered (400)
	FS belongs to the SPG provided in the body of the request else error will be ppsr.error.fs.spgDetails.mismatched (403)

Request

fsAuthority	Mandatory. ppsr.error.mandatory.missing (400)
fsAuthority.fsPin	Mandatory. ppsr.error.mandatory.missing (400)
	If incorrect pin sent ppsr.error.fs.wrong.pin (403)
fsAuthority.spgId	Mandatory. ppsr.error.mandatory.missing (400)
	FS belongs to the SPG provided in the body of the request else error will be ppsr.error.fs.spgDetails.mismatched (403)
fsAuthority.spgPwd	Mandatory. ppsr.error.mandatory.missing (400)
	If invalid password ppsr.error.spg.not.authorised (403)
futureExpiryDate	Mandatory. ppsr.error.mandatory.missing (400)
	Expiry date must be on or greater the renewal and not more than 5 years from the registration date. ppsr.error.fs.expiry.future and ppsr.error.fs.expiry.past (400)

PPSR_61 - Change secured party group password

POST /secured-party-groups/{spgId}/action-new-password

Request Path and Query Parameters

spgId	If spg ID is not found. ppsr.error.entity.not.found (404)

Request

existingSpgPwd	Mandatory. ppsr.error.mandatory.missing (400)
newSpgPwd	Must be supplied if systemGeneratedPwd = false. If both newSpgPwd is provided and systemGeneratedPwd is set to 'true' and If newSpgPwd is not provided and systemGeneratedPwd is set to 'false' ppsr.error.newpwd.or.system (400) Must be 8 characters in length. ppsr.error.spg.password.length (400)
systemGeneratedPwd	Must set to true if newSpgPwd is omitted

Common Objects

Address is a common object used for Secured Party, User and Debtor object. General rules around DPID are used wherever this object is used.

Address

addressLine1	Mandatory if dpid is not provided. ppsr.error.mandatory.missing (400)
suburb	Optional
cityTown	Mandatory if dpid is not provided. ppsr.error.mandatory.missing (400)
country	Mandatory if dpid is not provided. ppsr.error.mandatory.missing (400) Reference Data. See [countryCodes]
postCode	Optional Response will return the persisted value or an empty element
dpid	If provided must be a valid dpid. ppsr.paf.invalid.dpid (400) If both DPID id (valid or invalid) are provided all other elements of the object are ignored

Email

The following validation rules are implemented for all email across the operation

Max chars before '@' = 64
Max Chars after '@' and before '.' = 64
Max Chars after '.' = 63
Email domain exists.

Appendix

API Gateway error codes

These will be generated for any issues with the token when calling an API and will result in an error returned from the API gateway.

These are documented here: https://support.api.business.govt.nz/customer/en/portal/articles/2534350-oauth2-authentication/#error_codes

Register Top level error codes

Assuming your token is valid, your API request will be passed from the MBIE API Gateway to the register. The following top level codes will be returned for any register authorisation or business rule related error when processing the request.

Status	Error Code	Error Description
400	ppsr.error.invalid.request	Request failed validation. Appropriate headers not provided or request did not validate or is not supported. Note: This will be sent with the field level code which denotes which field has failed validation and the code for the failure.
401	ppsr.error.authentication.failed	User could not be authenticated.
403	ppsr.error.spg.not.authorised	Permission Denied, need to be authorised to access or modify this resource.
403	ppsr.error.no.permission	You don't have the required permission to access this function. Contact your administrator to request permission.
403	ppsr.error.fs.spgDetails.mismatched	Permission Denied, need to be authorised to access or modify this resource.
404	ppsr.error.entity.not.found	Enity not found. Please check the path.
412	ppsr.error.ifmatch.invalid	If-match value provided does not match the Etag against the entity.
500	ppsr.error.internal.error	An internal error has occurred

Register Field level error codes

Code	Message
ppsr.error.createSPG.authorised.mandatory	I declare that I am authorised by the secured party to create this secured party group must be selected.
ppsr.error.entity.not.found	Entity not found. Please check the path.
ppsr.error.spg.not.authorised	The provided password does not match with Secured Party Group password
ppsr.error.mandatory.missing	Field must be entered.
ppsr.error.numeric.only	NZBN must be numeric.

ppsr.error.nzbn.length	NZBN must be 13 digits long.
ppsr.error.nzbn.invalid	No active entity was found on the NZBN Register for the given NZBN.
ppsr.paf.invalid.dpid	DPID is not valid. Please provide a valid DPID or address.
ppsr.error.invalid.email	Email address is not valid
ppsr.error.mandatory.jobtitle.and.name	Please specify the job title or person's name, not both.
ppsr.error.mandatory.jobtitle.or.name	The job title or name of the person acting on behalf of the organisation must be entered.
ppsr.error.search.confirmation	You must confirm that search is conducted for the legitimate reason
ppsr.error.entity.not.found	Entity not found. Please check the path.
ppsr.error.fs.expiry.past	Expiry date cannot be earlier than the current date.
ppsr.error.fs.expiry.future	Expiry date must be 5 years from the current date.
ppsr.error.mandatory.vin.regnum.chassis	Please specify vehicle identification number (VIN), chassis or registration number
ppsr.error.invalid.character.vin	Invalid characters included in the vehicle identification number (VIN).
ppsr.error.mandatory.regmark.or.serialnum	Please specify registration mark or manufacturer serial number.
ppsr.error.length.regmark	Registration mark must be between three and seven characters.
ppsr.collateral.year.invalid.error	Year must be a value between 1700 and the current year.
ppsr.error.nzbn.name.mismatch	Organisation Name does not match the entity name on the NZBN Register.
ppsr.error.nzbn.id.mismatch	Incorporation number does not match the Entity ID on the NZBN Register.
ppsr.error.min.characters	At least 2 characters must be supplied for the <Attribute Name>.
ppsr.error.toomany	tbc
ppsr.error.fsid.search.duplicate	Duplicate financing statement registration numbers were detected in the criteria.
ppsr.error.fs.input.params.none	Search-id or spg-id and spg-pwd must be provided.
ppsr.error.fs.input.params.all	Either search-id or spg-id and spg-pwd must be provided, not both.
ppsr.error.search.expired	This search was performed more than 2 weeks. Results cannot be returned.
ppsr.error.fs.spgDetails.mismatched	The secured party group ID selected does not match the secured party group on the financing statement.
ppsr.error.collateraltype.invalid	Collateral Type cannot be changed. Please provide correct Collateral Type for this Collateral.
ppsr.error.length.vin	Vehicle identification number (VIN) must be 17 characters long.

PPSR API Business Rules

ppsr.error.search.not.returned	Financing statement registration number <registrationNumber> was not returned for Search ID < search-id > .

Collaterals types rules

Collateral	Code	Description Required	Collateral Items
Motor Vehicles	MV	n/a	At least one
Aircraft	ACFT	n/a	At least one
Goods – Livestock	LS	Yes	n/a
Goods – Crops	CROPS	Yes	n/a
Goods – Other	OTH	Yes	Optional
Document of title	DT	Yes	n/a
Chattel paper	CP	Yes	n/a
Investment Securities	IS	Yes	n/a
Negotiable Instruments	NI	Yes	n/a
Money	CASH	Yes	n/a
Intangibles	INT	Yes	n/a
All present and after acquired personal property	AAPP	Optional	n/a
All present and after acquired personal property except...	AAPPE	Yes	Optional

Aircraft codes

Description	Code
Aeroplane	AP
Airship	ASHP
Amateur built aeroplane	ABAP
Amateur built glider	ABGL
Amateur built helicopter	ABHC

Free balloon	FB
Glider	GL
Gyroplane	GYRO
Helicopter	HC
Microlight class 1	MIC1
Microlight class 2	MIC2
Power glider	PGL

Customer category

Description	Code
Accountants	accountants
Banking and Finance	bankingAndFinance
Barristers & Solicitors	barristersSolicitors
Credit Agencies	creditAgencies
Company Formation	companyFormation
Consultants	consultants
Electrical Industry	electricalIndustry
Government Agencies	governmentAgencies
Internet	internet
Local Authorities	localAuthorities
Marketing	marketing
News Media	newsMedia
Other	other
Patent Attorneys	patentAttorneys
Retailers	retailers
Radio Spectrum Management	radioSpectrumManagement
Search Agents	searchAgents

Change Demand Codes

Description	Code
Auto-accepted	AA
Court ordered amendment	CA
Court ordered discharge	CD
Court ordered rejection	CR
Pending	P
Court ordered acceptance	RA
Accepted by secured party	SA
Court ordered injunction	UI
Withdrawn	W
Cancelled	CL

Debtor Organisation Types Mapping

PPSR Description	Code	NZBN Entity
Company	CO	NZ Limited Company NZ Unlimited Company NZ Co-operative Company Overseas ASIC Company Overseas Non-ASIC Company
Incorporated Society	IS	Incorporated Society
Incorporated Charitable Trust Board	ICT	Charitable Trust
Industrial and Provident Society	IPS	Industrial & Provident Society
Building Society	BDS	Building Society
Friendly Society or Credit Union	FSU	Friendly Society Credit Union
Limited Partnership	LP	Limited Partnership (NZ)

		Limited Partnership (Overseas)
Trust	TRS	N.A
Partnership	PAR	N.A
Other	OTR	

Collateral Item specific rules

1. Collateral Item Description for Collateral Types 'Other' and 'All Present and After Acquired Personal Property Except…'

   Item description is mandatory if one of the following is entered:
   - Identifying numbers
   - Make
   - Model
   - Year
   - Colour

     If none of the above is entered, then item description is optional.