

Planned Items – Aug 23rd 2023 (Release 1.23.11)

Area	JIRA ID	Description	BU Ref
Contents	DPD-105	Financial Statements Overview - Statement Arrays for EQUITY [GSRL7 Markets] – To update the financial statements overview for Latest year Equity and Previous year Equity	APIS-375
	DPD-148	Chinese Directors and Share holders - To add Chinese language names for Directors, shareholders and Former Name	APIS-312
	DPD-28	Data Improvements - Onboard French Polynesia [GSRL7 Australia] – To onboard French Polynesia from GSRL7 Australia.	APIS-213
	DPD-72	Summary Balance Sheet Financials a) Mapping rules update for organization.lastestFiscalFinancials.overview and organization.otherFinancials.overview b) To add 2 new elements for basic overview - Fiscal Financial Basic Overview and OtherFinancials Basic Overview c) To add 2 new elements for extended overview - Fiscal Financial Extended Overview and Other Financial Extended Overview	APIS-114
	DPD-74	Multilingual Language Support : Slovenia, Croatia, Serbia, Bosnia and Herzegovina, Montenegro – To enable name and address in local language for Southern markets	APIS-220
	DPD-35	MDR Education Data Into Prime – To integrate MDR US Education Data into Prime	APIS-30
Capabilities	DPL-1930	OAuth 2.0: non-standard Access Token Request - To implement the Client Credentials Grant Flow and the Content-Type header in all requests to be set to "application/x-www-form-urlencoded"	APIS-458
	DPL-2117	OAuth 2.0: non-standard Access Token Response – To update the access token response with token_type and expires_in parameters	APIS-458
	DPL-2169	OAuth 2.0: non-standard Access Token Error Response - To update the access token error message with a meaningful error response	APIS-458
	DPL-272	Regression - CMPHOL [Visa Changes] – To fix the inconsistencies within the UBO schema , we need to add / remove the JSON path (organization.beneficialOwnership.beneficialOwners.isOutOfBusiness and organization.beneficialOwnershipSummary.unknownNationalityPSCCount)	APIS-167
General	DPL-315	Search / News&Media APIs with Open API Specification version 3.0	APIS-202
	DPL-228	Resolve security issue with Multi Process and High Volume Match AWS access keys – To update the Multi application and HVM access is managed through IAM roles and policies instead of access keys	APIS-95

Content

DPD-105 Financial Statements Overview - Statement Arrays for EQUITY [GSRL7 Markets]

Changes in this ticket is to update the financial statements overview for Latest year Equity and Previous year Equity

Impacted Market : Switzerland, Austria, Luxembourg, Czech Republic, Hungary, Norway, Sweden, Denmark, Finland, Slovakia, EMC markets

Impacted Volume: Switzerland market: 3570 , Liechtenstein market:77

Impacted Data Blocks: companyfinancials_L2-L3_v1,companyfinancials_L3-L4_v2

Impacted Products: cmpcma_v1,cmpeci_v1,int_es_cmp_v3,int_es_fst_v1,int_oh_cmp_v1

Sample Request url : https://tst.plus.dnb.com/v1/data/duns/480787717?blockIDs=companyfinancials_L4_v2

Sample DUNS : 480787717, 481003460, 448191143

JSON Path	PRE Response	POST Response
organization.latestFinancials.balanceSheet.liabilities.equity organization.previousFinancials.balanceSheet.liabilities.equity	<pre>"organization": { "duns": "480787717", "countryISOAlpha2Code": "CH", "monthlySalesPerEmployee": null, "primaryName": "Ruefer Ingenieure AG", "latestFinancials": { "balanceSheet": { "liabilities": { "equity": null } } }, }</pre>	<pre>"organization": { "duns": "480787717", "countryISOAlpha2Code": "CH", "monthlySalesPerEmployee": null, "primaryName": "Ruefer Ingenieure AG", "latestFinancials": { "balanceSheet": { "liabilities": { "equity": { "statementItems": [{ "value": 132.0, "itemKey": { "description": "Capital Stock", "dnbCode": 3048 }, "priority": 19, "itemGroupLevel": 0 }], "value": 4379.6, "itemKey": { "description": "Net Worth", "dnbCode": 3047 }, "priority": 22, "itemGroupLevel": 0 }, { "value": 11885.2, "itemKey": { "description": "Total Liabilities & Net Worth", "dnbCode": 3108 }, "priority": 23, "itemGroupLevel": 0 } } }, }</pre>

Changes in this ticket is to update the financial statements overview for Latest year Equity and Previous year Equity

JSON Path	PRE Response	POST Response
organization.latestFinancials.balanceSheet.liabilities.equity organization.previousFinancials.balanceSheet.liabilities.equity	<pre>"organization": { "duns": "480787717", "countryISOAlpha2Code": "CH", "monthlySalesPerEmployee": null, "primaryName": "Ruefer Ingenieure AG", "previousFinancials": { "balanceSheet": { "liabilities": { "equity": null } } }, }</pre>	<pre>"organization": { "duns": "480787717", "countryISOAlpha2Code": "CH", "monthlySalesPerEmployee": null, "primaryName": "Ruefer Ingenieure AG", "previousFinancials": { "balanceSheet": { "liabilities": { "equity": { "statementItems": [{ "value": 132.0, "itemKey": { "description": "Capital Stock", "dnbCode": 3048 }, "priority": 19, "itemGroupLevel": 0 }, { "value": 4226.3, "itemKey": { "description": "Net Worth", "dnbCode": 3047 }, "priority": 22, "itemGroupLevel": 0 }, { "value": 12080.1, "itemKey": { "description": "Total Liabilities & Net Worth", "dnbCode": 3108 }, "priority": 23, "itemGroupLevel": 0 }] } } }, }</pre>

DPD-148 Chinese Directors and Share holders

Changes in this ticket is to add Chinese language names for Directors, shareholders and Former Name

Impacted Market : China

Impacted Volume : Full universe

Impacted Data Blocks: principalscontacts_L1-L4_v1, principalscontacts_L3-L4_v2, ownershipinsight_L1_v1

Impacted Products: intbatprincipals_L1_v1, cmpcrd_v1

Sample Request url :

currentPrincipals - https://tst.plus.dnb.com/v1/data/duns/421122702?blockIDs=principalscontacts_L4_v2

mostSeniorPrincipals - https://tst.plus.dnb.com/v1/data/duns/421122702?blockIDs=principalscontacts_L4_v1

Sample DUNS :421122702, 700228546, 700212299, 700228546, 421286213

JSON Path	PRE Response	POST Response
organization.currentPrincipals.otherLanguageNames.familyName organization.currentPrincipals.otherLanguageNames.givenName organization.mostSeniorPrincipals.otherLanguageNames.familyName organization.mostSeniorPrincipal.otherLanguageNames.familyName organization.mostSeniorPrincipals.otherLanguageNames.givenName organization.mostSeniorPrincipal.otherLanguageNames.givenName organization.mostSeniorPrincipals.otherLanguageNames.fullName organization.shareOwnership.otherLanguageNames.fullName organization.shareOwnership.otherLanguageNames.language.description organization.shareOwnership.otherLanguageNames.language.dnbCode organization.shareOwnership.otherLanguageNames.writingScript.description organization.shareOwnership.otherLanguageNames.writingScript.dnbCode	<pre>"inquiryDetail": { "duns": "421122702", "blockIDs": ["principalscontacts_L4_v2"] }, "organization": { "currentPrincipals": [{ "otherLanguageNames": [], }] "mostSeniorPrincipals": [{ "otherLanguageNames": [], }], }, }</pre>	<pre>"inquiryDetail": { "duns": "421122702", "blockIDs": ["principalscontacts_L4_v2"] }, "organization": { "currentPrincipals": [{ "otherLanguageNames": [{ "givenName": "德", "familyName": "孟" }] }, "mostSeniorPrincipals": [{ "otherLanguageNames": [{ "givenName": "鸿亮", "familyName": "倪", "fullName": "鸿亮 倪" }], }, }, }</pre>

DPD-72 Summary Balance Sheet Financials

Changes in this ticket is to update the mapping rules for **organization.latestFinancials.overview** and **organization.previousFinancials.overview**

Impacted Market : All GSRL7 markets

Impacted Volume : ~43.5M

Impacted Data Blocks: companyfinancials_L1-L3_v1, companyfinancials_L1-L4_v2

Impacted Products: cmpcma_v1 ,cmpeci_v1, int_es_cmp_v3, int_es_fst_v1, int_oh_cmp_v1, cmpcdd_v1, cmpcvf_v1, int_ac_cmp_v1, int_as_ssi_v1, int_es_cmp_v2, int_ws_cmp_v1, cmptcs_v1

Sample Request url : https://tst.plus.dnb.com/v1/data/duns/724187872?blockIds=companyfinancials_L4_v2

Sample DUNS : 724187872, 514240139, 341188447, 679289509, 203001995

JSON Path	PRE Response	POST Response
organization.latestFinancials.overview organization.previousFinancials.overview	<pre>"organization": { "duns": "724187872", "latestFinancials": { "overview": { "tangibleAssets": null, "tangibleNetWorth": null, "currentRatio": 0.78, "currentLiabilitiesOverNetWorth": null, "totalLiabilitiesOverNetWorth": 1.45, "quickRatio": 0.69 } }, "previousFinancials": [{ "overview": { "tangibleAssets": null, "tangibleNetWorth": null, "currentRatio": 0.79, "currentLiabilitiesOverNetWorth": null, "totalLiabilitiesOverNetWorth": 1.35, "quickRatio": 0.69 } } }]</pre>	<pre>"organization": { "duns": "724187872", "latestFinancials": { "overview": { "tangibleAssets": 1140210, "tangibleNetWorth": 1036512, "currentRatio": 0.7774, "currentLiabilitiesOverNetWorth": 1.4322, "totalLiabilitiesOverNetWorth": 1.4533, "quickRatio": 0.6857 } }, "previousFinancials": [{ "overview": { "tangibleAssets": 1128057, "tangibleNetWorth": 1062491, "currentRatio": 0.7895, "currentLiabilitiesOverNetWorth": 1.334, "totalLiabilitiesOverNetWorth": 1.3542, "quickRatio": 0.6913 } } }]</pre>

DPD-74 Multilingual Language Support : Slovenia, Croatia, Serbia, Bosnia and Herzegovina, Montenegro

Changes in this ticket is to enable name and address in local language for Southern markets

Impacted Market : Slovenia, Croatia, Serbia, Bosnia and Herzegovina, Montenegro

Impacted Volume : ~2.94M

Impacted Data Blocks: companyinfo_L1-L4_v1

Impacted Products: cmpcrd_v1, intbatcompanyinfo_L1_v1, cmpeel_v1

Sample Request url : https://tst.plus.dnb.com/v1/data/duns/360199089?blockIds=companyinfo_L4_v1

Sample DUNS : 360199089, 672470579, 565901506, 365522643, 499424544

JSON Path	PRE Response	POST Response
organization.multilingualPrimaryAddress.streetAddress.line1 organization.multilingualPrimaryAddress.minorTownName organization.multilingualPrimaryAddress.addressLocality.name organization.multilingualPrimaryAddress.postalCode organization.multilingualPrimaryAddress.addressCounty.name organization.multilingualPrimaryAddress.continentalRegion.name organization.multilingualPrimaryAddress.addressCountry.isoAlpha2Code organization.multilingualPrimaryAddress.addressCountry.name organization.multilingualPrimaryAddress.addressRegion.name organization.multilingualPrimaryAddress.language.description organization.multilingualPrimaryAddress.language.dnbCode organization.multilingualPrimaryAddress.streetName organization.multilingualPrimaryAddress.streetNumber organization.multilingualPrimaryAddress.streetAddress.line2 organization.multilingualRegisteredAddress.addressLocality.name organization.multilingualRegisteredAddress.addressRegion.name organization.multilingualRegisteredAddress.continentalRegion.name organization.multilingualRegisteredAddress.addressCountry.isoAlpha2Code organization.multilingualRegisteredAddress.addressCountry.name organization.multilingualRegisteredAddress.streetAddress.line1 organization.multilingualRegisteredAddress.streetAddress.line2 organization.multilingualRegisteredAddress.language.description organization.multilingualRegisteredAddress.language.dnbCode organization.multilingualRegisteredNames.name organization.multilingualRegisteredNames.writingScript.description organization.multilingualRegisteredNames.writingScript.dnbCode organization.multilingualRegisteredNames.language.description organization.multilingualRegisteredNames.language.dnbCode organization.multilingualPrimaryName.name organization.multilingualPrimaryName.writingScript.description organization.multilingualPrimaryName.writingScript.dnbCode organization.multilingualPrimaryName.language.description organization.multilingualPrimaryName.language.dnbCode organization.multilingualTradestyleNames.language.description organization.multilingualTradestyleNames.language.dnbCode organization.multilingualTradestyleNames.name organization.multilingualTradestyleNames.priority	"registeredAddress": { "multilingualPrimaryName": [], "multilingualRegisteredNames": [], "multilingualRegisteredAddress": [], "multilingualPrimaryAddress": [], "primaryAddress": { "streetAddress": { "line1": "Ormoska cesta 21", "line2": null }, }, }	"registeredAddress":{ "multilingualPrimaryName":{ "language": {}, "name": "AGROCENTER REZERVNI DELJ, d. o. o.", "writingScript": {} }, { "language": { "description": "English", "dnbCode": 39 }, "name": "AGROCENTER REZERVNI DELJ, d. o. o.", "writingScript": {} } }, "multilingualRegisteredNames": { "language": { "description": "English", "dnbCode": 39 }, "name": "39", "writingScript": {} }, }, "multilingualRegisteredAddress": { { "language": { "description": "Slovenian", "dnbCode": 15131 }, "writingScript": {}, "addressCountry": { "name": "Slovenia", "isoAlpha2Code": "SI" }, "continentalRegion": { "name": "Europe" }, }, "multilingualPrimaryAddress": { { "language": {}, "writingScript": {}, "minorTownName": null, "addressRegion": { "name": "PODRAVSKA" }, "addressCounty": { "name": "PODRAVSKA" }, }, "primaryAddress": { "streetAddress": { "line1": "Ormoška cesta 21", "line2": null }, }, }

DPD-28 Data Improvements - Onboard French Polynesia [GSRL7 Australia]

Changes in this ticket is to onboard French Polynesia from GSRL7 Australia instead of Global sources.

Impacted Market : French polynesia

Impacted Volume : ~2000

Impacted Data Blocks: companyinfo_L1-L4_v1 and other applicable products

Sample Request url : https://tst.plus.dnb.com/v1/data/duns/854917879?blockIds=companyinfo_L4_v1

Sample DUNS : 854917879, 854912318, 854914702

PRE Response	POST Response
<pre>organization": { "duns": "854917879", "organization": { "controlOwnershipDate": 1976, "isAgent": false, "isImporter": true, "isExporter": null, "isSmallBusiness": null, "organizationSizeCategory": {}, "tradeStyleNames": [], "registeredAddress": {}, "businessEntityType": { "description": "Unknown", "dnbCode": 0 }, "preferredLanguage": {}, "banks": [], "numberOfEmployees": [{ "value": 28, "employeeFiguresDate": null, "informationScopeDescription": "Individual", "informationScopeDnbCode": 9066, "reliabilityDescription": "Estimated", "reliabilityDnbCode": 9093, "employeeCategories": [] }] } }</pre>	<pre>"organization": { "duns": "854917879", "organization": { "controlOwnershipDate": null, "isAgent": false, "isImporter": true, "isExporter": null, "isSmallBusiness": null, "organizationSizeCategory": {}, "tradeStyleNames": [], "registeredAddress": {}, "businessEntityType": {}, "preferredLanguage": { "description": "English", "dnbCode": 39 } }, "banks": [{ "name": "Banque de Tahiti", "branchName": null, "telephone": [], "address": {}, "registrationNumbers": [] }], "numberOfEmployees": [{ "value": 28, "employeeFiguresDate": "2005", "informationScopeDescription": "Individual", "informationScopeDnbCode": 9066, "reliabilityDescription": "Estimated", "reliabilityDnbCode": 9093, "employeeCategories": [] }] }</pre>

Enrich

DPL-1930 - OAuth 2.0: non-standard Access Token Request

Changes in this ticket is to implement the Client Credentials Grant Flow and the Content-Type header in all requests to be set to "**application/x-www-form-urlencoded**" to comply with OAuth2.0 standards

Sample Request

Post Request - <https://tst.plus.dnb.com/v3/token>

Pay Load:

grant_type = client_credentials

Content-Type header to be set to "**application/x-www-form-urlencoded**"

The screenshot shows a REST client interface with the following details:

- Method:** POST
- URL:** https://tst.plus.dnb.com/v3/token
- Body:** grant_type (checked), client_credentials
- Response:** Status: 200 OK, Time: 1951 ms. The response body is a JSON object: {"access_token": "4xr5M16qYB1419j2A18MNk1r9H1N", "expires_in": 86400, "token_type": "Bearer"}

POST Response

We get a successful response with newly generated token

```
{
  "access_token": "4xr5M16qYB1419j2A18MNk1r9H1N",
  "expires_in": 86400,
  "token_type": "Bearer"
}
```

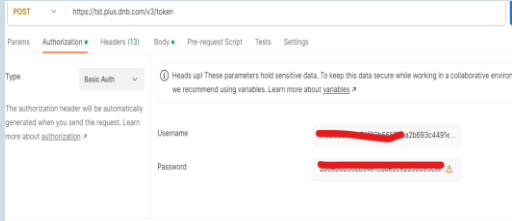
DPL-2117 - OAuth 2.0: non-standard Access Token Response

Changes in this ticket is to update the access token response with **token_type** and **expires_in** parameters to comply with Oauth2.0 standards

PRE Request / Response	POST Request / Response
https://tst.plus.dnb.com/v2/token { "access_token": "34iw42a16nt1Na56911Aev416u1v", "expiresIn": 86400 }	https://tst.plus.dnb.com/v3/token { "access_token": "4xr5M16qYB1419j2A18MNk1r9H1N", "expires_in": 86400, "token_type": "Bearer" }

DPL-2169 OAuth 2.0: non-standard Access Token Error Response

Changes in this ticket is to update the access token error message with a meaningful error response

Error Parameters	PRE Response	POST Response
unauthorized_client – Passing Incorrect API key Request - https://tst.plus.dnb.com/v3/token 	<pre>"error": { "errorMessage": "You are not currently authorised to access this product. Please contact your D&B account representative", "errorCode": "00041" }</pre>	<pre>{ "error": "unauthorized_client", "error_description": "You are not currently authorised to access this product. Please contact your D&B account representative. Transaction ID: rrt-0ce08be3efc913d56-a-eu-1910-57523246-1" }</pre>
unsupported_grant_type – Incorrect grant type Request - https://tst.plus.dnb.com/v3/token grant_type = client_credential instead of grant_type = client_credentials	<pre>"error": { "errorMessage": "Bad Request", "errorCode": "00009" }</pre>	<pre>{ "error": "unsupported_grant_type", "error_description": "Bad Request. Transaction ID: rrt-0ce08be3efc913d56-a-eu-1910-57523246-4" }</pre>
invalid_scope – Change the request to GET instead of POST Request - https://tst.plus.dnb.com/v3/token	<pre>"error": { "errorMessage": "Malformed payload", "errorPhrase": "invalid_request", "errorCode": "00008" }</pre>	<pre>{ "error": "invalid_scope", "error_description": "Not Found. Transaction ID: rrt-030d86cdaff609015-b-ea-28142-196736239-3" }</pre>

DPL-272 - Regression - CMPHOL [Visa Changes]

Changes in this ticket is to fix the inconsistencies between UBO schema and output.

Sample Request - <https://tst.plus.dnb.com/v1/beneficialowner?productId=cmphol&duns=397192055&asOfDate=2022-12&versionId=v1>

JSON Path	PRE Response	POST Response
organization.beneficialOwnership.beneficialOwners.isOutOfBusiness organization.beneficialOwnershipSummary.unknownNationalityPSCCount	<pre>"beneficialOwnership": { "beneficialOwners": [{ "memberID": 189824192, "isOutOfBusiness": false, "controlOwnershipType": { "dnbCode": 9058, "description": "Privately owned", "confidenceLevel": null }, } } "beneficialOwnershipSummary": { "nationalityWisePSCSummary": [], "nationalityUnknownPSCCount": 1, }</pre>	<pre>"beneficialOwnership": { "beneficialOwners": [{ "memberID": 189824192, "isOutOfBusiness": false, "controlOwnershipType": { "dnbCode": 9058, "description": "Privately owned", "confidenceLevel": null }, } } "beneficialOwnershipSummary": { "nationalityWisePSCSummary": [], "unknownNationalityPSCCount": 1, }</pre>

Defects

Upcoming

Planned Items – Sep 13th 2023 (Release 1.23.12)

Area	JIRA ID	Description	BU Ref
Contents	DPD-335	Create Elements Sales and Employees – To create new elements for sales amount and employee count	APIS-164
	DPD-283	Detailed Legal Events [Southern Markets] – To add the detailed legal events for Southern markets	APIS-151
	DPD-236	Analytics Release - Failure Score Overrides [All Markets] – To add failure score overrides to Canada, Thailand, Republic of Korea, Morocco	APIS-314
	DPD-57	WWN Release Train - Dec 2022 Update [Local Legal Forms] – Addition of Local legal forms and 5 new subject commentaries	APIS-155
	DPD-56	Company Blocked Accounts & Blockages [Southern Markets] – To add Company Bank Account Blockages and Bank Accounts for Croatia , Slovenia , Serbia, Bosnia, Montenegro Bosnia-Herzegovina markets	APIS-151
	DPD-54	Principals & Management - Association Details [BE, NL, LU] - To create OtherAssociationDetails into principalcontacts Data block, cmpeci (DUNS number, Company Name, Principal Association Start Date and Job title)	APIS-159
Data blocks	DAM-241	PC Company Financials v3 - Aggregate/segment renaming & new elements configuration – To create new version for companyFinancials L1 to L4 data blocks (organization.latestFiscalFinancials and organization.otherFinancials)	APIS-114
	DAM-9	PC - MDR Search API - Product config changes required to deliver the search segments for the new search api	APIS-30
Capabilities	DPL-3086	CR - Consumer Risk API - Add new error code – To add more meaningful error message for “Multiple matches found for applicant”(Error code – 10007)	APIS-520
	DPL-308	D+ : Fraud Risk Insights – Cleanup – To create new pass through Business Fraud Risk Insights V2	APIS-324
	DPL-278	D+ Regression - validate the Polish language – To validate the Polish language in D+ APIs(Match)	APIS-218
General	DPL-313	Match / Full Family Tree APIs with Open API Specification version 3.0	APIS-202