

# Security Vulnerability Report

**Application:** 3184\_TESTING

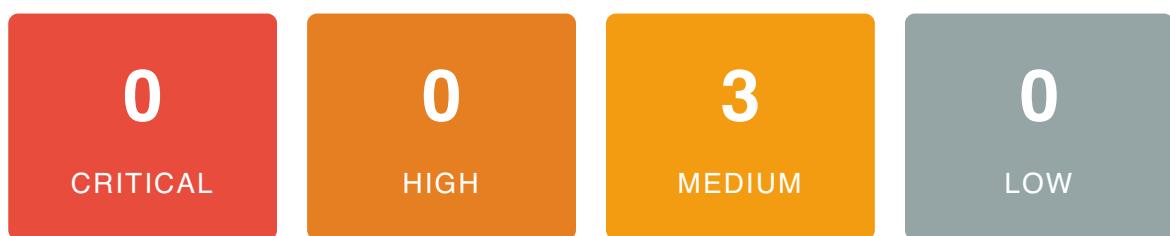
**Instance:** Instance 019a5eff-2666-71f4-b4a8-853a914eb97a

**Host URL:** https://apis-sit.bmo.com

**Generated:** 2025-11-14 08:07:26 UTC

## Executive Summary

Total Vulnerabilities Found: **12**



## Vulnerabilities by Endpoint

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**/api2/vef-myaccounts-cust/corporate-loan/admin/user**

2 vulnerabilities found

## PII data in response

MEDIUM (CVSS: 6.0)

**Category:** Information Leak

**Method:** get

**Detected:** 2025-11-07

**Description:** Personal Identifiable Information found in the response

### Failing Test Logs:

```
get /api2/vef-myaccounts-cust/corporate-loan/admin/user → HTTP 200
{
  "category": "recon.dryRun",
  "role_name": null,
  "auth_name": "TEST",
  "request": {
    "correlation_id": "b05c42c0-1ae9-4cab-9bca-8edf8a479e49",
    "method": "get",
    "url": "https://apis-sit.bmo.com/api2/vef-myaccounts-cust/corporate-loan/admin/user",
    "headers": {
      "sec-fetch-mode": "cors",
      "referer": "https://uat.bmomyaccounts.com/",
      "sec-fetch-site": "cross-site",
      "accept-language": "en-US,en;q=0.9",
      "x-bmo-request-id": "j04rD9Fp4s1PxsoTxyKc71Tebe564u9PvcYEtgbZc4E3GyI08LDvxZQNHVE5zm",
      "x-app-cat-id": "90775",
      "origin": "https://uat.bmomyaccounts.com",
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      "x-bmo-id": "eyJhbGciOiJSU0EtT0FFUC0yNTYiLCJlbmMiOiJBMTI4Q0JDLUhTMjU2Iiwia2lKIjoiYmVjTzd5Z1B5RkFvcl diekhUSVBmbzBCd3NraGpDeU42T2VpemRrNldvQSIsImN0eSI6IkpxVCJ9.MZ20iL5iuM-fImiafjc2ujKAG_nfBcURT9ZxTqv wYHrwaIU_zmu_-8uodAEbm5AcfrwGaPaLtrfzMbaP-kdqyLRLzP-_AKS6ItD-autt8119rrfAh4jdQje7h-AQ_nnY5bzvXojCnkAi0Y4UEmM3LW8XBbtybCh1r5gjtH0FK-LkiH5Elb_5BTifrn4HX5Pj6ITyV906KOX1XyDHcN-p5nLVvUUWu7vrNb1KIe65RMmW-_XB2xrv4-BqRYrS6iWG X9lp000GAB1FKI_YHbCu7SxjE2QZPzfMw21iq_sxlzUGGEJ-tvJaKoXutb08ZvyIE0cSr0c6iojg0jm5ZI1A.3y6Mg3J4pjsnwDQjIuhkEA.7SYtThCToDiP8qMyLbWmKGS92iKoufZddxw1rDn6kdZNFHa6eVgybzZ57kbivxTYxC8EcZi7aLquUJtfD2NDYtzDnq3QGjVLupp5CSA8hhWaim6qfkQD8oxGH8eaRi71drbyCviGbbUTsCm8WyJzeyRWEWT1jG29jqR8sW80qKn56MtLL91SnIx z_syCKX60BLVC00oCzJQ9y12d0pxKgEZ2EM1dFX-UyShpKCBt1EbteKGcfNbfbioG_pEMnNK210aIBOVIONmwHQLQm5-dd4D1iZM5N8YbQz_9p08p_IGr0EK6t9qaLMRT_KmiTQSZ8dwFgHLaE5hiu72PftDquflUgzFnYFQ-TmCbHKcLBtDcv6Cwu6UsZJZAkUm_MYVhY9ANx-5aAtZ1DtpSRZUVrHySECNzosjDPY6AybVckTzfknXZ0za0Jrwhq9enNEI7IXH9461t-tYGeSrSxNPzdS0gdKrNoWtdg4rf231pEp2YDxFxuTWBnkXPStZ4gT5XylqeuorHgj-gv3xKGVhAHOrE-eQEtcitBxynouuDRxFkon37Bf8LmMICCiaFuag50X5a7NeQjw8eo-PuWAyqPJJC7LGKPUElbwCIEF677ia3ncFz2IIqvoz9jURIa825SeaeJLidrh2JVe1y0wGSQXcDXvuAi1wag-uC9jXE3-g0yV35exHFcx8fmFNerMQX316GI7FBZgdSrgIv9scQZ00kWL1TcaVn4yXu_BFpBc1lKKRxEo1AO0I0pJR4LJQ9CQvn3D3sxfSA1PocPFbLJ7g9B8_wJhiX8kBF_Moxtd0PMeusQIsGMS-h_Z-2KnksrHctVWUU4-U8xU71YC4ez1ZDa2qjvALDR2qzK9DeZx6dGbH1m3bhMZTyD-KRRyIObxUbvmqpnJZrDXC0IJ150hk_U16W_gGpBingugKG8qpoSYBG0Wc5kOonWfXvEc0KXrZKN1NYW9YXeD1PNJ2vKs0U9qEIzKHoYx0vrGE1XKzReKe4n3U0c-n20Y-bL3IDpq0BuRbtrV9_cgMESfUmNJWnqzzgZB9E9icHjH-URfJtVoBy8TFHZ4-nt7xWd3Ly12NkwBqE95NkaqHNHQTs1X2bkEBvV7-MjBYtkYICva2H-w8CVRgaqA57K10LE0NoCSATQ6uo2WIo3tN8f2RihzgZ2tqlsTb60ofUGWdEftMrd9JI5LfeUoC3mazI1eeCjFFW0CX Y2d4mcRw0V-bcAe10B7TydNAZdaYArIsAFS4wvvy1G5N02bdV_BRhnow4-SXAEYGC5f7uQchnF0DcgtxwS3yYHmXLbtSwI1af5mul01iWL7Bj1aNv0gfA1iCcNzQ4dkpvX6Qn9LZksNdVVwG2pykkZz1X-
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```
headers": "APIM-Debug-Trans-Id, X-RateLimit-Limit, X-RateLimit-Remaining, X-RateLimit-Reset, X-BurstLimit-Limit, X-BurstLimit-Remaining, X-CountLimit-Limit, X-CountLimit-Remaining, Retry-After, X-Global-Transaction-ID, Location, X-APIC-Debug-OAuth-Error, X-APIC-Debug-OAuth-Error-Desc", "access-control-allow-origin": "https://uat.bmomyaccounts.com", "access-control-allow-credentials": "true", "x-amzn-trace-id": "Root=1-690e4b31-417acd1c4cdfb5020ff2e8c5", "x-xss-protection": "0", "x-content-type-options": "nosniff", "x-amzn-remapped-connection": "keep-alive", "akamai-grn": "0.92c83017.1762544433.c90dc832", "status_code": 200, "content_length": 2788.0, "content": "{\"userProfile\": {\"activeCustomerId\": \"2706943\", \"userId\": \"mirfa2706943\", \"uid\": \"2BF1E83B256F46EDB7E5FD08F4B8CCA8\", \"customerEmailId\": \"MAmmar.irfan@nesbittburns.com\", \"customerId\": null, \"registrationDate\": \"2025/02/13\", \"statusIndicator\": null, \"siteName\": null, \"customerName\": \"JIM'S BRANDING\", \"brand\": {\"id\": 2, \"brandName\": \"BMO\", \"brandDesc\": \"Private Label\"}, \"lastLoginDate\": null, \"contactInformation\": {\"firstName\": \"Hi\", \"lastName\": \"Ammar\", \"initial\": \"AMm\", \"jobTitle\": \"Operations\", \"company\": null, \"contactAddress1\": null, \"contactAddress2\": null, \"contactAddressCity\": null, \"contactStateProvince\": null, \"contactPostalCode\": null, \"contactCountry\": null, \"telephone\": \"\", \"telephoneExt\": null, \"mobile\": \"2242425247\", \"fax\": null, \"contactPreferences\": null, \"bestTimeToCall\": null, \"languagePreference\": \"EN\", \"createdUserSSO\": null, \"cellphone\": null, \"contactPrefEmail\": false, \"contactPrefPhone\": false, \"contactPrefMobile\": false, \"billingContact\": null, \"productInfoAcceptance\": null, \"emailUpdated\": false, \"mobileNbrUpdated\": false, \"businessPhoneUpdated\": false}, \"customerIds\": [{\"customerId\": \"47745\", \"brandSegmentId\": 2, \"paperlessIndicator\": null}, {\"customerId\": \"45764\", \"brandSegmentId\": 2, \"paperlessIndicator\": null}, {\"customerId\": \"45392\", \"brandSegmentId\": 2, \"paperlessIndicator\": null}, {\"customerId\": \"45322\", \"brandSegmentId\": 2, \"paperlessIndicator\": null}, {\"customerId\": \"45308\", \"brandSegmentId\": 2, \"paperlessIndicator\": null}, {\"customerId\": \"43765\", \"brandSegmentId\": 2, \"paperlessIndicator\": null}, {\"customerId\": \"42185\", \"brandSegmentId\": 2, \"paperlessIndicator\": null}], \"oneTimePin\": null, \"registrationStatus\": \"FullyReg\", \"internalUserSsoId\": null, \"createdSso\": null, \"createdDate\": null, \"modifiedDate\": null, \"assistedRegistrationUrl\": null, \"feedbackFlag\": null, \"feedbackDate\": null, \"registeredCustomerId\": \"2706943\", \"isSuperUser\": false, \"isInternalUser\": false, \"registeredBrandSegment\": {\"id\": 11, \"brandSegmentName\": \"VF\", \"brandSegmentDesc\": null, \"portfolioSystem\": \"INFOLEASE\", \"businessCategory\": \"BMOVEF_MA_BMO\", \"brmsParentCompanyName\": \"BMO\", \"brandId\": null, \"tenantId\": \"VF\", \"securityRoles\": [{\"roleId\": 21, \"roleName\": \"ACCT_READ\", \"roleDescription\": \"Account Read\"}, {\"roleId\": 22, \"roleName\": \"USER_WRITE\", \"roleDescription\": \"User Write\"}, {\"roleId\": 24, \"roleName\": \"PAYMENT_ONE_TIME_WRITE\", \"roleDescription\": \"Payment Write\"}], \"assignedBrandSegments\": [{\"id\": 11, \"brandSegmentName\": \"VF\", \"brandSegmentDesc\": \"Vehicle Finance\", \"portfolioSystem\": \"INFOLEASE\", \"businessCategory\": \"BMOVEF_MA_BMO\", \"brmsParentCompanyName\": \"BMO\", \"brandId\": \"2\", \"tenantId\": \"VF\", \"securityRoles\": [{\"roleId\": 21, \"roleName\": \"ACCT_READ\", \"roleDescription\": \"Account Read\"}, {\"roleId\": 22, \"roleName\": \"USER_WRITE\", \"roleDescription\": \"User Write\"}]}]}
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```
Write\"}, {"roleId":24, "roleName": "PAYMENT_ONE_TIME_WRITE",  
"roleDescription": "Payment Write"}]}], "internalSecurityRoles": null,  
"acceptTc": true, "userIp": "24.206.79.83", "preferredLanguage":  
"EN"}}}}
```

## Incremental IDs

MEDIUM (CVSS: 5.0)

**Category:** Indirect Object Reference

**Method:** get

**Detected:** 2025-11-07

**Description:** Incremental IDs can be guessed and scraped easier than unique IDs

### Failing Test Logs:

```
get /api2/vef-myaccounts-cust/corporate-loan/admin/user → HTTP 200
{
  "category": "recon.dryRun",
  "role_name": null,
  "auth_name": "TEST",
  "request": {
    "correlation_id": "b05c42c0-1ae9-4cab-9bca-8edf8a479e49",
    "method": "get",
    "url": "https://apis-sit.bmo.com/api2/vef-myaccounts-cust/corporate-loan/admin/user",
    "headers": {
      "sec-fetch-mode": "cors",
      "referer": "https://uat.bmommyaccounts.com/",
      "sec-fetch-site": "cross-site",
      "accept-language": "en-US,en;q=0.9",
      "x-bmo-request-id": "j04rD9Fp4s1PxsoTxyKc71Tebe564u9PvcYEtgbZc4E3GyI08LDvxZQNHVE5zm",
      "x-app-cat-id": "90775",
      "origin": "https://uat.bmommyaccounts.com",
      "priority": "u=1, i",
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**/api2/vef-myaccounts-cust/corporate-loan/accounts/invoices/**

**300-0012448-027**

1 vulnerabilities found

## Incremental IDs

MEDIUM (CVSS: 5.0)

**Category:** Indirect Object Reference

**Method:** get

**Detected:** 2025-11-07

**Description:** Incremental IDs can be guessed and scraped easier than unique IDs

### Failing Test Logs:

```
get /api2/vef-myaccounts-cust/corporate-loan/accounts/invoices/
300-0012448-027 → HTTP 200

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