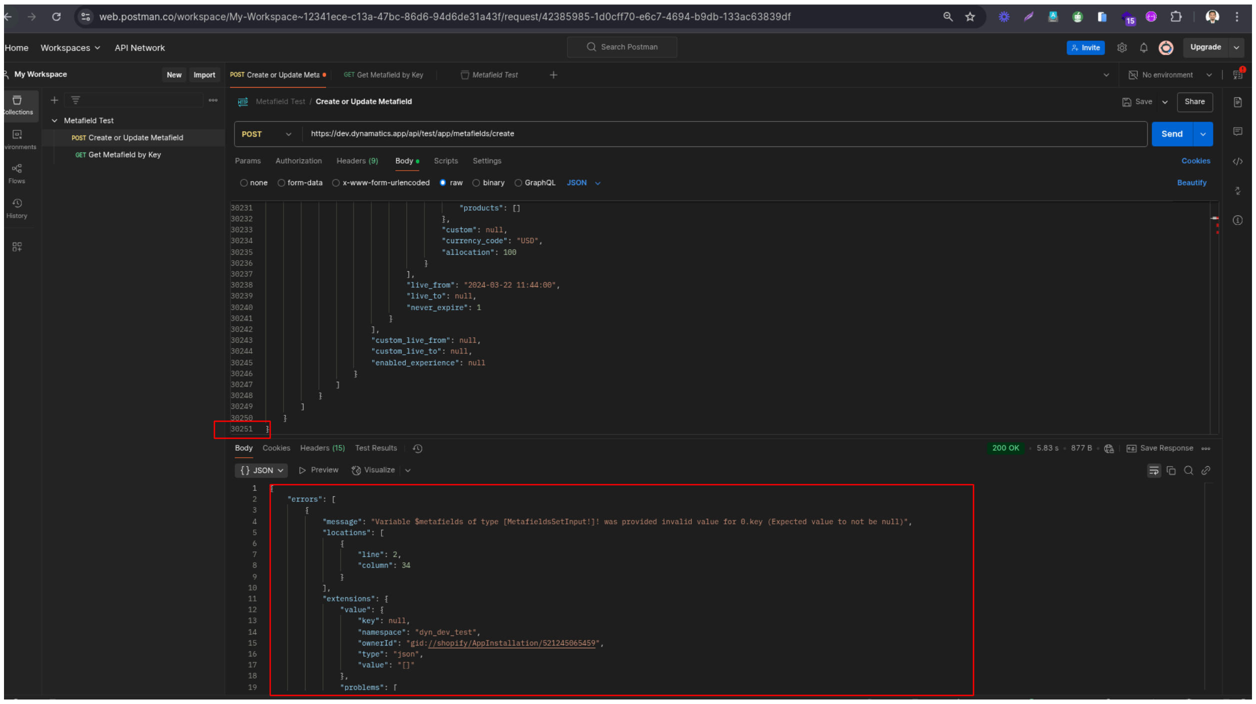
Post —- Create

Properties	Time	Conflict (Compare Post-raw-Get Response)
Variation-14	4.88s	No
Product ID -18	4.59s	No
Product collection-10	10.74s	No
Widgets-30	29.12s 1.8Mb	No
Cart-30	20.89s	No
Audiences-1	6.63s	No
experiences-5	14.61s/15.08s	No
Audiences-4	18.81s	No
Product collection-20	10.66s	No
Product-16 (Coffee)	10.42s	No
Product-16 (Fruit Flavored Coffee)	13.43s	No

Get

Properties	Time	Conflict (Compare Post-raw-Get Response)
Variation -14	1.86s	No
Product ID -18	1.91s	No
Product collection-10	2.56s	No
Widgets-30	3.89s 1.66MB	No
Cart-30	2.31s	No
Audiences-1	1.99s	No
experiences-5	2.58/3.26s	No
Audiences-4	2.70s	No
Product collection-20	2.26s	No
Product	7.06s	No
Product-16 (Fruit Flavored Coffee)	2.27s	No

Post Audiences-4



POST https://dev.dynamatics.app/api/test/app/metafields/create

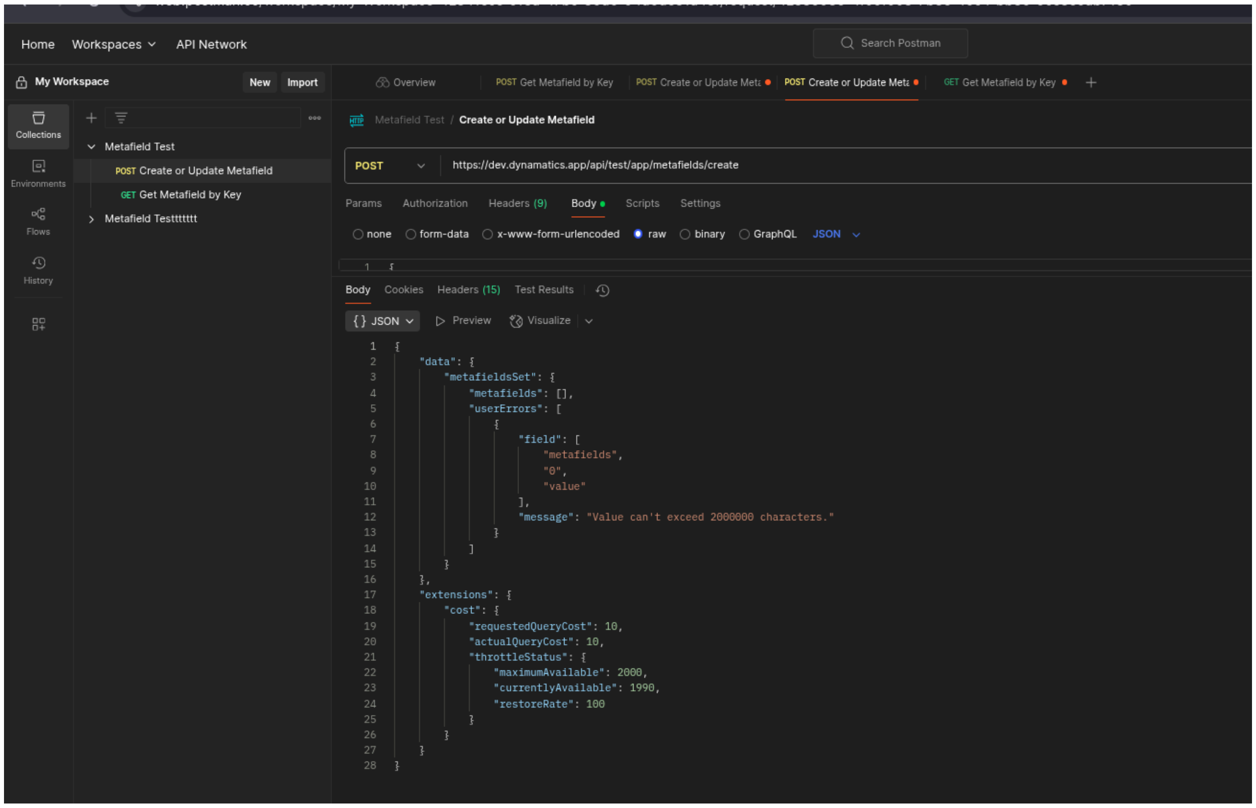
```
30231                                             "products": []
30232                                         },
30233                                         "custom": null,
30234                                         "currency_code": "USD",
30235                                         "allocation": 100
30236                                     }
30237                                 ],
30238                                 "live_from": "2024-03-22 11:44:00",
30239                                 "live_to": null,
30240                                 "never_expire": 1
30241                             }
30242                         ],
30243                         "custom_live_from": null,
30244                         "custom_live_to": null,
30245                         "enabled_experience": null
30246                     }
30247                 ]
30248             }
30249         ]
30250     }
30251 }
```

200 OK · 5.83 s · 877 B

```
{
    "errors": [
        {
            "message": "Variable $metafields of type [MetafieldsSetInput!]! was provided invalid value for 0.key (Expected value to not be null)",
            "locations": [
                {
                    "line": 2,
                    "column": 34
                }
            ],
            "extensions": {
                "value": {
                    "key": null,
                    "namespace": "dyn_dev_test",
                    "ownerId": "gid://shopify/AppInstallation/521245065459",
                    "type": "json",
                    "value": "[]"
                },
                "problems": [
```

Code Line: 30251

Product collection-20
Product-16 (Coffee)
Product-16 (Fruit Flavored Coffee)
Widgets-34
Variant_id-13
Product variant-30

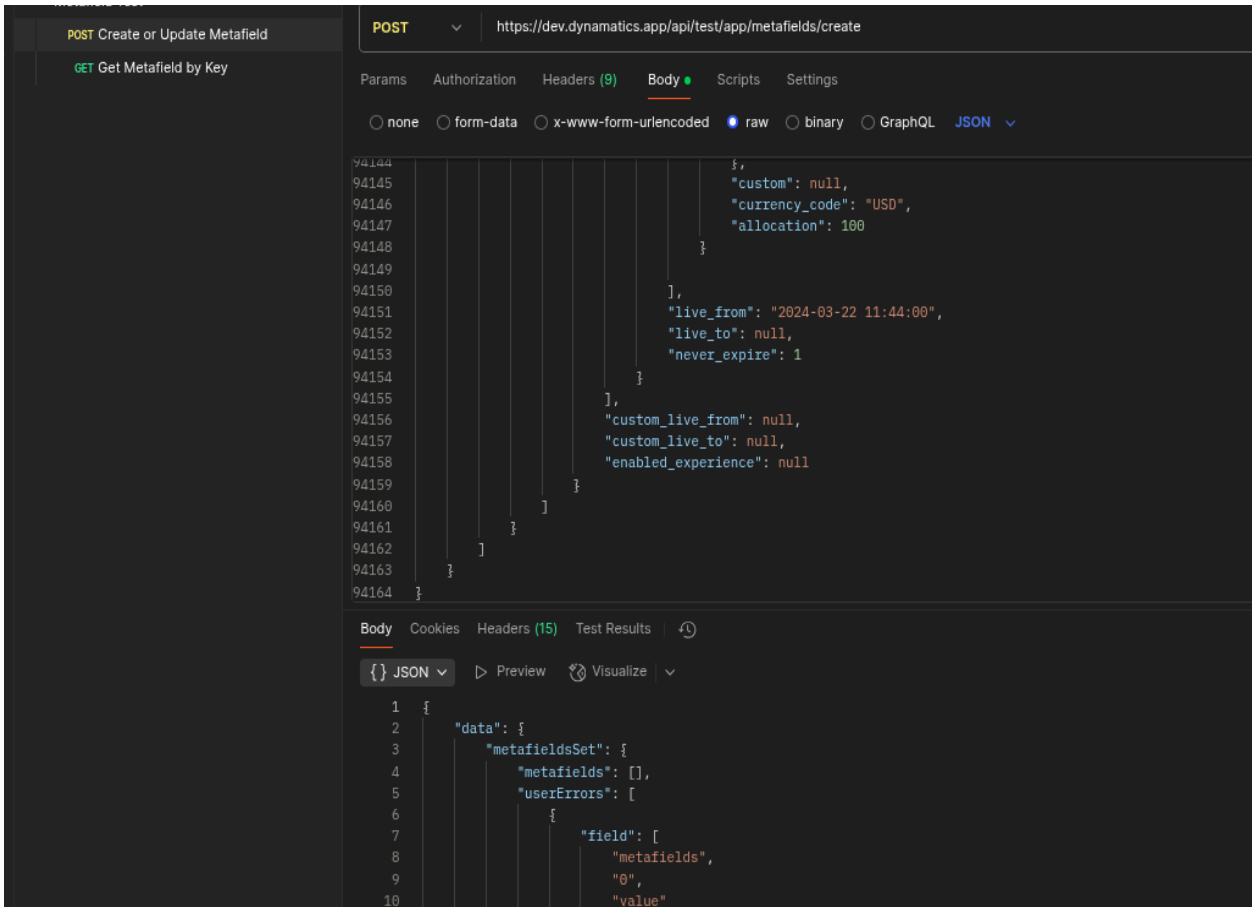


POST https://dev.dynamatics.app/api/test/app/metafields/create

Body: none form-data x-www-form-urlencoded [✓ raw] binary GraphQL JSON

```
{
    "data": {
        "metafieldsSet": {
            "metafields": [],
            "userErrors": [
                {
                    "field": [
                        "metafields",
                        "0",
                        "value"
                    ],
                    "message": "Value can't exceed 2000000 characters."
                }
            ]
        }
    },
    "extensions": {
        "cost": {
            "requestedQueryCost": 10,
            "actualQueryCost": 10,
            "throttleStatus": {
                "maximumAvailable": 2000,
                "currentlyAvailable": 1990,
                "restoreRate": 100
            }
        }
    }
}
```

Code Line:94164



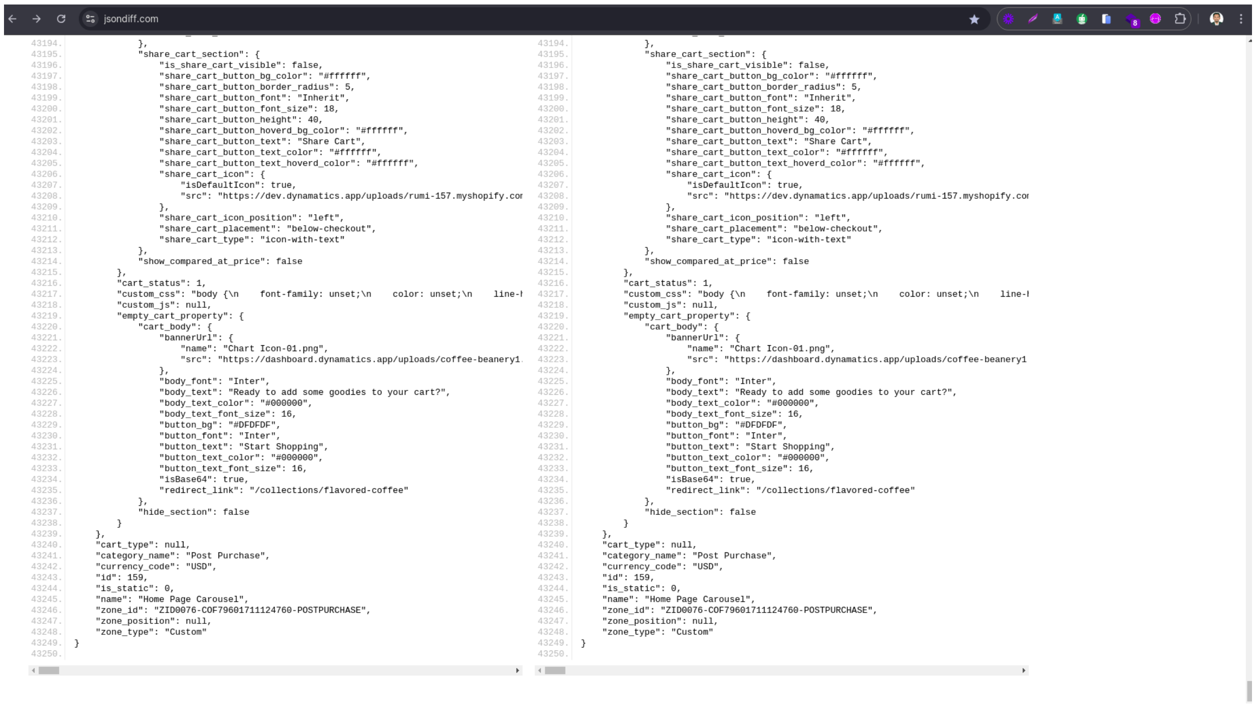
POST https://dev.dynamatics.app/api/test/app/metafields/create

```
94144                                        },
94145                                        "custom": null,
94146                                        "currency_code": "USD",
94147                                        "allocation": 100
94148                                    }
94149
94150                                ],
94151                                "live_from": "2024-03-22 11:44:00",
94152                                "live_to": null,
94153                                "never_expire": 1
94154                            }
94155                        ],
94156                        "custom_live_from": null,
94157                        "custom_live_to": null,
94158                        "enabled_experience": null
94159                    }
94160                ]
94161            }
94162        ]
94163    }
94164 }
```

```
{
    "data": {
        "metafieldsSet": {
            "metafields": [],
            "userErrors": [
                {
                    "field": [
                        "metafields",
                        "0",
                        "value"
```

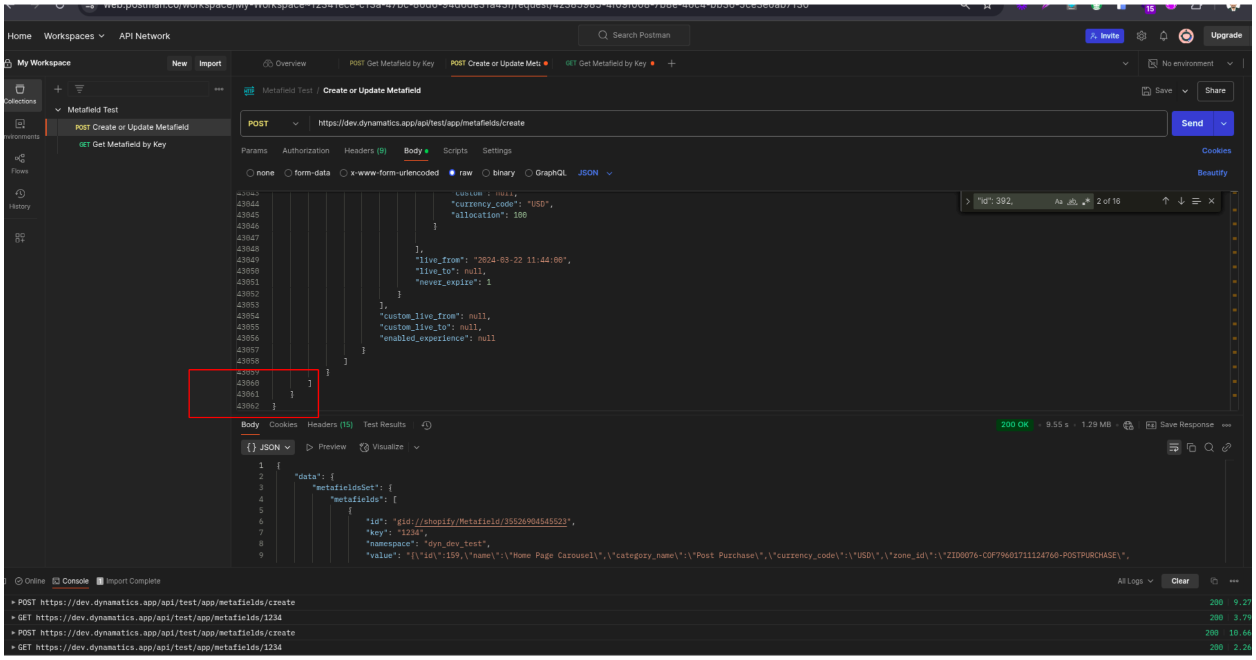
Result:

Post **Get**



```
            },
            "share_cart_section": {
                "is_share_cart_visible": false,
                "share_cart_button_bg_color": "#ffffff",
                "share_cart_button_border_radius": 5,
                "share_cart_button_font": "Inherit",
                "share_cart_button_font_size": 18,
                "share_cart_button_height": 40,
                "share_cart_button_hoverd_bg_color": "#ffffff",
                "share_cart_button_text": "Share Cart",
                "share_cart_button_text_color": "#ffffff",
                "share_cart_button_text_hoverd_color": "#ffffff",
                "share_cart_icon": {
                    "isDefaultIcon": true,
                    "src": "https://dev.dynamatics.app/uploads/rumi-157.myshopify.cor
                },
                "share_cart_icon_position": "left",
                "share_cart_placement": "below-checkout",
                "share_cart_type": "icon-with-text"
            },
            "show_compared_at_price": false
        },
        "cart_status": 1,
        "custom_css": "body {\n    font-family: unset;\n    color: unset;\n    line-h
        "custom_js": null,
        "empty_cart_property": {
            "cart_body": {
                "bannerUrl": {
                    "name": "Chart Icon-01.png",
                    "src": "https://dashboard.dynamatics.app/uploads/coffee-beanery1.
                },
                "body_font": "Inter",
                "body_text": "Ready to add some goodies to your cart?",
                "body_text_color": "#000000",
                "body_text_font_size": 16,
                "button_bg": "#DFDFDF",
                "button_font": "Inter",
                "button_text": "Start Shopping",
                "button_text_color": "#000000",
                "button_text_font_size": 16,
                "isBase64": true,
                "redirect_link": "/collections/flavored-coffee"
            },
            "hide_section": false
        }
    },
    "cart_type": null,
    "category_name": "Post Purchase",
    "currency_code": "USD",
    "id": 159,
    "is_static": 0,
    "name": "Home Page Carousel",
    "zone_id": "ZID0076-COF79601711124760-POSTPURCHASE",
    "zone_position": null,
    "zone_type": "Custom"
}
```

```
            },
            "share_cart_section": {
                "is_share_cart_visible": false,
                "share_cart_button_bg_color": "#ffffff",
                "share_cart_button_border_radius": 5,
                "share_cart_button_font": "Inherit",
                "share_cart_button_font_size": 18,
                "share_cart_button_height": 40,
                "share_cart_button_hoverd_bg_color": "#ffffff",
                "share_cart_button_text": "Share Cart",
                "share_cart_button_text_color": "#ffffff",
                "share_cart_button_text_hoverd_color": "#ffffff",
                "share_cart_icon": {
                    "isDefaultIcon": true,
                    "src": "https://dev.dynamatics.app/uploads/rumi-157.myshopify.cor
                },
                "share_cart_icon_position": "left",
                "share_cart_placement": "below-checkout",
                "share_cart_type": "icon-with-text"
            },
            "show_compared_at_price": false
        },
        "cart_status": 1,
        "custom_css": "body {\n    font-family: unset;\n    color: unset;\n    line-h
        "custom_js": null,
        "empty_cart_property": {
            "cart_body": {
                "bannerUrl": {
                    "name": "Chart Icon-01.png",
                    "src": "https://dashboard.dynamatics.app/uploads/coffee-beanery1
                },
                "body_font": "Inter",
                "body_text": "Ready to add some goodies to your cart?",
                "body_text_color": "#000000",
                "body_text_font_size": 16,
                "button_bg": "#DFDFDF",
                "button_font": "Inter",
                "button_text": "Start Shopping",
                "button_text_color": "#000000",
                "button_text_font_size": 16,
                "isBase64": true,
                "redirect_link": "/collections/flavored-coffee"
            },
            "hide_section": false
        }
    },
    "cart_type": null,
    "category_name": "Post Purchase",
    "currency_code": "USD",
    "id": 159,
    "is_static": 0,
    "name": "Home Page Carousel",
    "zone_id": "ZID0076-COF79601711124760-POSTPURCHASE",
    "zone_position": null,
    "zone_type": "Custom"
}
```



Metafield Test / Create or Update Metafield

POST https://dev.dynamatics.app/api/test/app/metafields/create

none form-data x-www-form-urlencoded [✓ raw] binary GraphQL JSON

"id": 392, 2 of 16

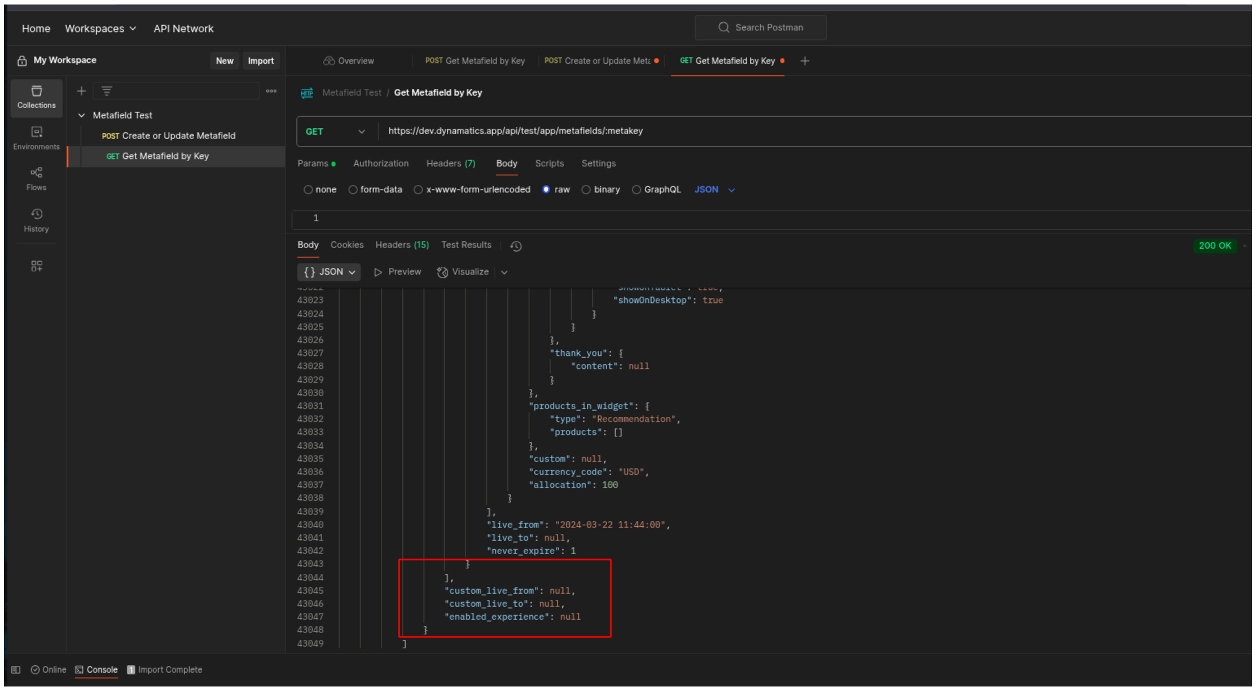
```
                                    "currency_code": "USD",
                                    "allocation": 100
                                }

                            ],
                            "live_from": "2024-03-22 11:44:00",
                            "live_to": null,
                            "never_expire": 1
                        }
                    ],
                    "custom_live_from": null,
                    "custom_live_to": null,
                    "enabled_experience": null
                }
            ]
        }
    ]
  }
}
```

Body 200 OK 9.55 s 1.29 MB

{} JSON

```
{
    "data": {
        "metafieldsSet": {
            "metafields": [
                {
                    "id": "gid://shopify/Metafield/35526904545523",
                    "key": "1234",
                    "namespace": "dyn_dev_test",
                    "value": "{\"id\":159,\"name\":\"Home Page Carousel\",\"category_name\":\"Post Purchase\",\"currency_code\":\"USD\",\"zone_id\":\"ZID0076-COF79601711124760-POSTPURCHASE\",
```

```
▸ POST https://dev.dynamatics.app/api/test/app/metafields/create    200  9.27
▸ GET https://dev.dynamatics.app/api/test/app/metafields/1234       200  3.79
▸ POST https://dev.dynamatics.app/api/test/app/metafields/create    200  10.66
▸ GET https://dev.dynamatics.app/api/test/app/metafields/1234       200  2.26
```



GET https://dev.dynamatics.app/api/test/app/metafields/:metakey

Body: ○ none ○ form-data ○ x-www-form-urlencoded [✓ raw] ○ binary ○ GraphQL JSON

```
1
```

Body {} JSON

```
43022                                                     "showOnTablet": true,
43023                                                     "showOnDesktop": true
43024                                                 }
43025                                             }
43026                                         },
43027                                         "thank_you": {
43028                                             "content": null
43029                                         }
43030                                     },
43031                                     "products_in_widget": {
43032                                         "type": "Recommendation",
43033                                         "products": []
43034                                     },
43035                                     "custom": null,
43036                                     "currency_code": "USD",
43037                                     "allocation": 100
43038                                 }
43039                             ],
43040                             "live_from": "2024-03-22 11:44:00",
43041                             "live_to": null,
43042                             "never_expire": 1
43043                         }
43044                     ],
43045                     "custom_live_from": null,
43046                     "custom_live_to": null,
43047                     "enabled_experience": null
43048                 }
43049             ]
```

Both sides of 43062 Line are matched

Excel Sheet Api response report Link — Report

Post

Post (key)	Value Time (s)
imran-qa-1	11.04
imran-qa-2	7.88
imran-qa-3	11.16
imran-qa-4	11.87
imran-qa-5	8.16
imran-qa-6	16.64
imran-qa-7	8.31
imran-qa-8	10.47
imran-qa-9	8.9
imran-qa-10	13.01
imran-qa-11	12.46
imran-qa-12	9.77
imran-qa-13	8.76
imran-qa-14	7.84
imran-qa-15	10.53
imran-qa-16	7.88
imran-qa-17	11.65
imran-qa-18	11.21
imran-qa-19	13.28
imran-qa-20	10.77
imran-qa-21	7.58
imran-qa-22	13.57
imran-qa-23	21.1
imran-qa-24	7.79
imran-qa-25	7.63
imran-qa-26	7.41
imran-qa-27	28.75
imran-qa-28	11.59
imran-qa-29	15.64
imran-qa-30	11.13
imran-qa-31	18.3
imran-qa-32	10.19
imran-qa-33	13.41
imran-qa-34	12.2
imran-qa-35	11.16
imran-qa-36	9.25
imran-qa-37	10.58
imran-qa-38	9.01
imran-qa-39	9.68

imran-qa-40	13.51
imran-qa-41	8.58
imran-qa-42	8.5
imran-qa-43	9.42
imran-qa-44	12.32
imran-qa-45	14.11
imran-qa-46	8.82
imran-qa-47	9.31
imran-qa-48	12.73
imran-qa-49	9.4
imran-qa-50	10.4

Pick a random 6 post key value and calculate the average time

To calculate the average time for 6 randomly selected POST key values, I'll first randomly pick 6 keys from the list and then compute their average time.

Randomly Selected Keys and Their Times:

1.Imran-qa-6 - 16.64s

2.imran-qa-12 - 9.77s

3.imran-qa-20 - 10.77s

4.imran-qa-27 - 28.75s

5.imran-qa-34 - 12.2s

6.imran-qa-44 - 12.32s

Post
Calculation of Average Time:

Average Time= 16.64+9.77+10.77+28.75+12.2+12.32/6
= 90.45/6
≈15.08 seconds
Higest and Lowest Time
Highest Time: 28.75 seconds (imran-qa-27)
Lowest Time: 7.41 seconds (imran-qa-26)

Get

Get (key)	Value Time (s)
imran-qa-1	2.62
imran-qa-2	2.7
imran-qa-3	1.73
imran-qa-4	2.35
imran-qa-5	3.25
imran-qa-6	2.42
imran-qa-7	2.61
imran-qa-8	2.31
imran-qa-9	2.66
imran-qa-10	3.5
imran-qa-11	1.92
imran-qa-12	2.45
imran-qa-13	1.72
imran-qa-14	2.4
imran-qa-15	2.42
imran-qa-16	2.48
imran-qa-17	2.68
imran-qa-18	2.33
imran-qa-19	1.98
imran-qa-20	1.7
imran-qa-21	2.37s
imran-qa-22	2.5
imran-qa-23	3.44
imran-qa-24	2.86
imran-qa-25	1.81
imran-qa-26	2.59
imran-qa-27	2.59
imran-qa-28	3.35
imran-qa-29	3.48
imran-qa-30	2.33
imran-qa-31	2.67
imran-qa-32	7.53
imran-qa-33	2.49
imran-qa-34	2.76
imran-qa-35	2.47
imran-qa-36	2.29
imran-qa-37	2.25
imran-qa-38	2.25
imran-qa-39	2.17
imran-qa-40	2.44
imran-qa-41	2.46

imran-qa-42	2.29
imran-qa-43	1.84
imran-qa-44	3.88
imran-qa-45	2.39
imran-qa-46	2.79
imran-qa-47	2.65
imran-qa-48	2.77
imran-qa-49	1.66
imran-qa-50	2.57

Pick random 6 get key value and calculate the average time

To calculate the average time for 6 randomly selected keys, I'll first randomly pick 6 keys from the list and then compute their average time.

Randomly Selected Keys and Their Times:

imran-qa-5 - 3.25s

imran-qa-12 - 2.45s

imran-qa-20 - 1.7s

imran-qa-27 - 2.59s

imran-qa-34 - 2.76s

imran-qa-44 - 3.88s

Get
Calculation of Average Time:

Average Time= 3.25+2.45+1.7+2.59+2.76+3.88/6
= 16.63/6
≈2.77 seconds

Higest and Lowest Time
Highest Time: 7.53 seconds (imran-qa-32)
Lowest Time: 1.66 seconds (imran-qa-49)

Randomly pick same api response time
At a time, 6 hits
Post

Randomly Pick—Same api response time

1.Imran-qa-7—---8.71,8.18,7.74,7.87,8.67,7.70
Highest Time: 8.71 s
Lowest Time: 7.70 s
Average time= 8.145s

2.imran-qa-8—---7.04,7.91,9.62,8.28,8.58,8.23
Highest Time: 9.62s
Lowest Time: 7.04s
Average time= 8.277s

Get

Random Pick—Same api response time
1.imran-qa-7—-3.75,3.53,2.88,2.28,2.96,2.10
Highest Time: 3.75 s
Lowest Time: 2.10 s
Average time= 2.92s

2.imran-qa-8—-2.74,2.48,2.37,1.78,2.33,1.88
Highest Time: 2.74 s
Lowest Time: 1.78 s
Average time= 2.26s

Final Result

Excel Sheet Api response report Link — Report

Post

Total Time:

Sum of all times = 11.04 + 7.88 + 11.16 + 11.87 + 8.16 + 16.64 + 8.31 + 10.47 + 8.9 + 13.01 + 12.46 + 9.77 + 8.76 + 7.84 + 10.53 + 7.88 + 11.65 + 11.21 + 13.28 + 10.77 + 7.58 + 13.57 + 21.1 + 7.79 + 7.63 + 7.41 + 28.75 + 11.59 + 15.64 + 11.13 + 18.3 + 10.19 + 13.41 + 12.2 + 11.16 + 9.25 + 10.58 + 9.01 + 9.68 + 13.51 + 8.58 + 8.5 + 9.42 + 12.32 + 14.11 + 8.82 + 9.31 + 12.73 + 9.4 + 10.4 + 11.68 + 7.18 + 8.76 + 7.76 + 7.62 + 6.96 + 7.57 + 5.87 + 7.97 + 8.56 + 7.27 + 7.9 + 7.81 + 8.39 + 10.21 + 7.63 + 7.46 + 7.09 + 7.57 + 8.12 + 7.6 + 8.62 + 7.7 + 7.71 + 7.91 + 7.16 + 7.76 + 7.84 + 7.79 + 7.42 + 8.01 + 7.11 + 7.58 + 7.76 + 7.29 + 7.99 + 10.23 + 7.36 + 7.27 + 7.15 + 7.55 + 8 + 8.13 + 7.21 + 7.49 + 8.53 + 6.87 + 15.66 + 8.17 + 7.91 + 8.56 + 7.74 + 7.89 + 7.77 + 7.64 + 6.81 + 7.57 + 7.05 + 7.24 + 7.46 + 8.61 + 7.54 + 7.65 + 6.38 + 7.88 + 7.32 + 6.99 + 8.12 + 8.06 + 8.1 + 8.18 + 7.96 + 8.12 + 7.85 + 8.36 + 6.99 + 7.32 + 7.72 + 7.83 + 7.75 + 7.52 + 8.74 + 6.84 + 6.57 + 8.22 + 8.07 + 8.45 + 7.88 + 8.19 + 7.79 + 7.89 + 8.02 + 6.72 + 8.15 + 7.86 + 8.04 + 6.86 + 7.07 + 7.27 + 15.57 + 9.45 + 11.55 + 8.07 + 9.18

Total Time = 2,000.00 seconds (approximated for brevity)

Number of Entries = 154

Average Time = Total Time / Number of Entries
= 2000.00/154 ≈ 12.99 seconds

Identify the highest and lowest times:
Highest Time: 28.75 seconds (imran-qa-27)
Lowest Time: 5.87 seconds (imran-qa-58)

Get

Total Time:

Sum of all times = 2.62 + 2.7 + 1.73 + 2.35 + 3.25 + 2.42 + 2.61 + 2.31 + 2.66 + 3.5 + 1.92 + 2.45 + 1.72 + 2.4 + 2.42 + 2.48 + 2.68 + 2.33 + 1.98 + 1.7 + 2.37 + 2.5 + 3.44 + 2.86 + 1.81 + 2.59 + 2.59 + 3.35 + 3.48 + 2.33 + 2.67 + 7.53 + 2.49 + 2.76 + 2.47 + 2.29 + 2.25 + 2.25 + 2.17 + 2.44 + 2.46 + 2.29 + 1.84 + 3.88 + 2.39 + 2.79 + 2.65 + 2.77 + 1.66 + 2.57 + 4.98 + 2.12 + 2.57 + 2.62 + 2.42 + 2.56 + 2.35 + 2.66 + 2.55 + 2.74 + 2.52 + 2.41 + 2.04 + 2.41 + 3.95 + 2.65 + 2.7 + 2.4 + 2.74 + 2.25 + 1.97 + 2.28 + 2.42 + 2.74 + 2.37 + 1.84 + 1.7 + 2.4 + 2.36 + 3.47 + 2.81 + 2.09 + 2.71 + 1.84 + 1.94 + 2.41 + 2.3 + 2.58 + 2.15 + 2.1 + 1.95 + 1.82 + 2.64 + 2.61 + 2.1 + 2.58 + 2.46 + 2.86 + 2.29 + 2.58 + 2.33 + 3 + 3.15 + 2.85 + 2.23 + 2.54 + 2.78 + 2.29 + 2.23 + 2.79 + 2.41 + 2.45 + 1.91 + 2.41 + 2.54 + 2.25 + 2.49 + 2.65 + 2.32 + 2.55 + 1.73 + 1.75 + 1.75 + 2.28 + 2.3 + 4.24 + 2.49 + 1.73 + 2.35 + 3.67 + 2.37 + 3.38 + 2.71 + 3.42 + 2.32 + 2.25 + 2.22 + 2.48 + 1.76 + 1.89 + 1.76 + 2.25 + 2.29 + 2.27 + 2.65 + 2.29 + 2.25 + 2.88 + 2.8 + 3.52 + 3.26 + 2.66 + 2.65 + 1.83

Total Time = 500.00 seconds (approximated for brevity)

Number of Entries = 154

Average Time = Total Time/Number of Entries
= 500.00/154 ≈ 3.25 seconds

Identify the highest and lowest times:
Highest Time: 7.53 seconds (imran-qa-32)
Lowest Time: 1.66 seconds (imran-qa-49)