

# Product Metrics Validation Report

## Service - NRT

Below is the table showing the product metrics validation report for NRT. This gives the insight on the endpoints and its hit count between what is seen in API Proxy server and the Hive table.

Date	transactionHistory	inventoryActions	Total	Behaviour at audit-log-svc	Comments																								
08 Apr 2025	API Proxy	API Proxy	API Proxy	API Proxy Request	Data Discovery is showing 120683 more records than DD.  12955 requests have not reached audit-log-svc  audit-log-svc has no response code 204 on 68397 records.  Not able to read accurate number of response with 413 response code due to log rotation in splunk																								
	<table><tr><th>200</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>1424174</td><td>71621</td><td>4</td><td>577</td><td>1496401</td></tr></table>	200	404	400		500	Total	1424174	71621	4	577	1496401	<table><tr><th>201</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>762908</td><td>3437</td><td>6</td><td>2</td><td>768233</td></tr></table>	201	404	400	500	Total	762908	3437	6	2	768233	<table><tr><th>Count</th></tr><tr><td>2264634</td></tr></table>	Count	2264634	<table><tr><th>Count</th></tr><tr><td>2135079</td></tr></table>	Count	2135079
	200	404	400	500		Total																							
	1424174	71621	4	577		1496401																							
	201	404	400	500		Total																							
	762908	3437	6	2		768233																							
	Count																												
	2264634																												
	Count																												
	2135079																												
Data Discovery	Data Discovery	Data Discovery	API Proxy Response																										
<table><tr><th>200</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>1472312</td><td>79302</td><td>4</td><td>579</td><td>1552197</td></tr></table>	200	404	400	500	Total	1472312	79302	4	579	1552197	<table><tr><th>201</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>829459</td><td>3654</td><td>7</td><td>0</td><td>833120</td></tr></table>	201	404	400	500	Total	829459	3654	7	0	833120	<table><tr><th>Count</th></tr><tr><td>2385317</td></tr></table>	Count	2385317	<table><tr><th>Count</th></tr><tr><td>2135089</td></tr></table>	Count	2135089		
200	404	400	500	Total																									
1472312	79302	4	579	1552197																									
201	404	400	500	Total																									
829459	3654	7	0	833120																									
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2385317																													
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2135089																													
			API Proxy 204 Response	<table><tr><th>Count</th></tr><tr><td>2066692</td></tr></table>	Count	2066692																							
Count																													
2066692																													
			API Proxy 413 Response (Request entity too large)	<table><tr><th>Count</th></tr><tr><td>39254</td></tr></table>	Count	39254																							
Count																													
39254																													

09 Apr 2025	<div>API Proxy</div> <table><tr><th>200</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>1454710</td><td>72389</td><td>8</td><td>2</td><td>1527164</td></tr></table>	200	404	400	500	Total	1454710	72389	8	2	1527164	<div>API Proxy</div> <table><tr><th>201</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>204119</td><td>660</td><td>10</td><td>0</td><td>205036</td></tr></table>	201	404	400	500	Total	204119	660	10	0	205036	<div>API Proxy</div> <table><tr><th>Count</th></tr><tr><td>1732200</td></tr></table>	Count	1732200	<div>API Proxy Request</div> <table><tr><th>Count</th></tr><tr><td>1731914</td></tr></table>	Count	1731914	API Proxy of NRTI is showing 74794 more records than DD.  286 requests have not reached audit-log-svc  audit-log-svc has no response code 204 on 74514 records  Not able to read accurate number of response with 413 response code due to log rotation in splunk
	200	404	400	500	Total																								
1454710	72389	8	2	1527164																									
201	404	400	500	Total																									
204119	660	10	0	205036																									
Count																													
1732200																													
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1731914																													
<div>Data Discovery</div> <table><tr><th>200</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>1380218</td><td>72389</td><td>8</td><td>2</td><td>1452617</td></tr></table>	200	404	400	500	Total	1380218	72389	8	2	1452617	<div>Data Discovery</div> <table><tr><th>201</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>204119</td><td>660</td><td>10</td><td>0</td><td>204789</td></tr></table>	201	404	400	500	Total	204119	660	10	0	204789	<div>Data Discovery</div> <table><tr><th>Count</th></tr><tr><td>1657406</td></tr></table>	Count	1657406	<div>API Proxy Response</div> <table><tr><th>Count</th></tr><tr><td>1731913</td></tr></table>	Count	1731913		
200	404	400	500	Total																									
1380218	72389	8	2	1452617																									
201	404	400	500	Total																									
204119	660	10	0	204789																									
Count																													
1657406																													
Count																													
1731913																													
10 Apr 2025	<div>API Proxy</div> <table><tr><th>200</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>1510596</td><td>150602</td><td>5</td><td>6</td><td>1661316</td></tr></table>	200	404	400	500	Total	1510596	150602	5	6	1661316	<div>API Proxy</div> <table><tr><th>201</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>399959</td><td>1654</td><td>1292</td><td>0</td><td>402965</td></tr></table>	201	404	400	500	Total	399959	1654	1292	0	402965	<div>API Proxy</div> <table><tr><th>Count</th></tr><tr><td>2064281</td></tr></table>	Count	2064281	<div>API Proxy Request</div> <table><tr><th>Count</th></tr><tr><td>2064163</td></tr></table>	Count	2064163	API Proxy of NRTI is showing 64600 more records than DD  118 requests have not reached audit-log-svc  audit-log-svc has no response code 204 on 64481 records  Not able to read accurate number of response with 413 response code due to log rotation in splunk
	200	404	400	500	Total																								
1510596	150602	5	6	1661316																									
201	404	400	500	Total																									
399959	1654	1292	0	402965																									
Count																													
2064281																													
Count																													
2064163																													
<div>Data Discovery</div> <table><tr><th>200</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>1446120</td><td>150603</td><td>5</td><td>45</td><td>1596773</td></tr></table>	200	404	400	500	Total	1446120	150603	5	45	1596773	<div>Data Discovery</div> <table><tr><th>201</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>399962</td><td>1654</td><td>1292</td><td>0</td><td>402908</td></tr></table>	201	404	400	500	Total	399962	1654	1292	0	402908	<div>Data Discovery</div> <table><tr><th>Count</th></tr><tr><td>1999681</td></tr></table>	Count	1999681	<div>API Proxy Response</div> <table><tr><th>Count</th></tr><tr><td>2064162</td></tr></table>	Count	2064162		
200	404	400	500	Total																									
1446120	150603	5	45	1596773																									
201	404	400	500	Total																									
399962	1654	1292	0	402908																									
Count																													
1999681																													
Count																													
2064162																													
			<div>API Proxy 204 Response</div> <table><tr><th>Count</th></tr><tr><td>1999681</td></tr></table>	Count	1999681	<div>API Proxy 413 Response (Request entity too large)</div> <table><tr><th>Count</th></tr><tr><td>39261</td></tr></table>	Count	39261																					
Count																													
1999681																													
Count																													
39261																													

11 Apr 2025	API Proxy	API Proxy	API Proxy	API Proxy Request	Data discovery is showing 195346 more records  109156 requests have not reached audit-log-svc  audit-log-svc has no response code 204 on 48915 records  Response with 413 response code is 47577  Records in DD is almost matching with records published by audit-log-svc																								
	<table><tr><th>200</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>1330144</td><td>47160</td><td>4</td><td>19092</td><td>1396407</td></tr></table>	200	404	400		500	Total	1330144	47160	4	19092	1396407	<table><tr><th>201</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>303884</td><td>2609</td><td>1484</td><td>0</td><td>308110</td></tr></table>	201	404	400	500	Total	303884	2609	1484	0	308110	<table><tr><th>Count</th></tr><tr><td>1704517</td></tr></table>	Count	1704517	<table><tr><th>Count</th></tr><tr><td>1595361</td></tr></table>	Count	1595361
	200	404	400	500		Total																							
	1330144	47160	4	19092		1396407																							
201	404	400	500	Total																									
303884	2609	1484	0	308110																									
Count																													
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1595361																													
Data Discovery	Data Discovery	Data Discovery	API Proxy Response																										
<table><tr><th>200</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>1478674</td><td>54472</td><td>4</td><td>23101</td><td>1556251</td></tr></table>	200	404	400	500	Total	1478674	54472	4	23101	1556251	<table><tr><th>201</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>338917</td><td>2989</td><td>1706</td><td>0</td><td>343612</td></tr></table>	201	404	400	500	Total	338917	2989	1706	0	343612	<table><tr><th>Count</th></tr><tr><td>1899863</td></tr></table>	Count	1899863	<table><tr><th>Count</th></tr><tr><td>1595372</td></tr></table>	Count	1595372		
200	404	400	500	Total																									
1478674	54472	4	23101	1556251																									
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338917	2989	1706	0	343612																									
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1595372																													
			API Proxy 204 Response																										
			<table><tr><th>Count</th></tr><tr><td>1546457</td></tr></table>	Count	1546457																								
Count																													
1546457																													
			API Proxy 413 Response (Request entity too large)	<table><tr><th>Count</th></tr><tr><td>47577</td></tr></table>	Count	47577																							
Count																													
47577																													

12 Apr 2025	API Proxy	API Proxy	API Proxy	API Proxy Request	API Proxy of NRTI is showing 90383 more records than DD  670 requests have not reached audit-log-svc  audit-log-svc has no response code 204 on 91941 records  Response with 413 response code is 91486.  Records in DD is almost matching with records published by audit-log-svc																								
	<table><tr><th>200</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>1636184</td><td>57203</td><td>5</td><td>0</td><td>1693396</td></tr></table>	200	404	400		500	Total	1636184	57203	5	0	1693396	<table><tr><th>201</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>395556</td><td>1372</td><td>221</td><td>0</td><td>397169</td></tr></table>	201	404	400	500	Total	395556	1372	221	0	397169	<table><tr><th>Count</th></tr><tr><td>2090565</td></tr></table>	Count	2090565	<table><tr><th>Count</th></tr><tr><td>2089895</td></tr></table>	Count	2089895
	200	404	400	500		Total																							
	1636184	57203	5	0		1693396																							
201	404	400	500	Total																									
395556	1372	221	0	397169																									
Count																													
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Data Discovery	Data Discovery	Data Discovery	API Proxy Response																										
<table><tr><th>200</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>1545528</td><td>57252</td><td>2</td><td>0</td><td>1602785</td></tr></table>	200	404	400	500	Total	1545528	57252	2	0	1602785	<table><tr><th>201</th><th>404</th><th>400</th><th>500</th><th>Total</th></tr><tr><td>395799</td><td>1377</td><td>221</td><td>0</td><td>397397</td></tr></table>	201	404	400	500	Total	395799	1377	221	0	397397	<table><tr><th>Count</th></tr><tr><td>2000182</td></tr></table>	Count	2000182	<table><tr><th>Count</th></tr><tr><td>2089894</td></tr></table>	Count	2089894		
200	404	400	500	Total																									
1545528	57252	2	0	1602785																									
201	404	400	500	Total																									
395799	1377	221	0	397397																									
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2000182																													
Count																													
2089894																													
			API Proxy 204 Response																										
			<table><tr><th>Count</th></tr><tr><td>1997953</td></tr></table>	Count	1997953																								
Count																													
1997953																													
			API Proxy 413 Response (Request entity too large)	<table><tr><th>Count</th></tr><tr><td>91486</td></tr></table>	Count	91486																							
Count																													
91486																													

13 Apr  
2025

API Proxy

200	404	400	500	Total
1632674	56197	3	0	1688890

Data Discovery

200	404	400	500	Total
1528390	56199	3	0	1584592

API Proxy

201	404	400	500	Total
53250	209	297	0	53757

Data Discovery

201	404	400	500	Total
53254	209	297	0	53760

API Proxy

Count
1742647

Data  
Discovery

Count
1638352

API Proxy  
Request

Count
1742438

API Proxy  
Response

Count
1742437

API Proxy 204  
Response

Count
1638087

API Proxy 413  
Response  
(Request entity  
too large)

Count
104345

API Proxy 502  
Response  
(Request entity  
too large)

Count
5

API Proxy of NRTI is showing  
104295 more records than DD

209 requests have not reached  
audit-log-svc

audit-log-svc has no response  
code 204 on 104350 records

Response with 413 response  
code is 104345 + 502 response  
code 5 = 104350

Records in DD is exactly  
matching with records published  
by audit-log-svc

14 Apr 2025

API Proxy

200	404	400	500	Total
1642919	54867	10	0	1698189

Data Discovery

200	404	400	500	Total
1512691	55214	10	0	1567915

API Proxy

201	404	400	500	Total
379158	1161	231	0	380761

Data Discovery

201	404	400	500	Total
379159	1163	231	0	380553

API Proxy

Count

2078950

Data Discovery

Count

1948468

API Proxy Request

Count

2078709

API Proxy Response

Count

2078710

API Proxy 204 Response

Count

1948467

API Proxy 413 Response (Request entity too large)

Count

130232

API Proxy 502 Response (Request entity too large)

Count

11

API Proxy of NRTI is showing 130438 more records than DD

241 requests have not reached audit-log-svc

audit-log-svc has no response code 204 on 130243 records

Response with 413 response code is 130232 + 502 response code 11 = 130243

Records in DD is exactly matching with records published by audit-log-svc

**Service - BULK-FEEDS**

Below is the table showing the product metrics validation report for BULK-FEEDS (Hourly based). This gives the insight on the endpoints and its hit count between what is seen in API Proxy server, Hive table and the postgresSQL

Date	Response codes	Total	Comments
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27 Apr 2025 5 PM - 6 PM IST	<div>API Proxy</div> <table><tr><th>200</th><th>204</th><th>400</th><th>Total</th></tr><tr><td>20315</td><td>826</td><td>101</td><td>21242</td></tr></table> <div>Data Discovery</div> <table><tr><th>200</th><th>204</th><th>400</th><th>Total</th></tr><tr><td>20315</td><td>826</td><td>101</td><td>21242</td></tr></table> <div>PostgreSQL</div> <table><tr><th>200</th><th>204</th><th>400</th><th>Total</th></tr><tr><td>19982</td><td>810</td><td>100</td><td>20892</td></tr></table>	200	204	400	Total	20315	826	101	21242	200	204	400	Total	20315	826	101	21242	200	204	400	Total	19982	810	100	20892	<div>API Proxy</div> <table><tr><th>Count</th></tr><tr><td>21242</td></tr></table> <div>Data Discovery</div> <table><tr><th>Count</th></tr><tr><td>21242</td></tr></table> <div>PostgreSQL</div> <table><tr><th>Count</th></tr><tr><td>20892</td></tr></table>	Count	21242	Count	21242	Count	20892	The api proxy count is exactly matching the data discovery count
200	204	400	Total																														
20315	826	101	21242																														
200	204	400	Total																														
20315	826	101	21242																														
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Count																																	
21242																																	
Count																																	
21242																																	
Count																																	
20892																																	
27 Apr 2025 6 PM - 7 PM IST	<div>API Proxy</div> <table><tr><th>200</th><th>204</th><th>400</th><th>Total</th></tr><tr><td>8202</td><td>343</td><td>93</td><td>8638</td></tr></table> <div>Data Discovery</div> <table><tr><th>200</th><th>204</th><th>400</th><th>Total</th></tr><tr><td>8202</td><td>343</td><td>93</td><td>8638</td></tr></table> <div>PostgreSQL</div> <table><tr><th>200</th><th>204</th><th>400</th><th>Total</th></tr><tr><td>8039</td><td>340</td><td>91</td><td>8470</td></tr></table>	200	204	400	Total	8202	343	93	8638	200	204	400	Total	8202	343	93	8638	200	204	400	Total	8039	340	91	8470	<div>API Proxy</div> <table><tr><th>Count</th></tr><tr><td>8638</td></tr></table> <div>Data Discovery</div> <table><tr><th>Count</th></tr><tr><td>8638</td></tr></table> <div>PostgreSQL</div> <table><tr><th>Count</th></tr><tr><td>8470</td></tr></table>	Count	8638	Count	8638	Count	8470	The api proxy count is exactly matching the data discovery count
200	204	400	Total																														
8202	343	93	8638																														
200	204	400	Total																														
8202	343	93	8638																														
200	204	400	Total																														
8039	340	91	8470																														
Count																																	
8638																																	
Count																																	
8638																																	
Count																																	
8470																																	
27 Apr 2025 7 PM - 8 PM IST	<div>API Proxy</div> <table><tr><th>200</th><th>204</th><th>400</th><th>Total</th></tr><tr><td>19345</td><td>928</td><td>453</td><td>20816</td></tr></table> <div>Data Discovery</div> <table><tr><th>200</th><th>204</th><th>400</th><th>Total</th></tr><tr><td>19435</td><td>928</td><td>453</td><td>20816</td></tr></table> <div>PostgreSQL</div> <table><tr><th>200</th><th>204</th><th>400</th><th>Total</th></tr><tr><td>19068</td><td>898</td><td>446</td><td>20412</td></tr></table>	200	204	400	Total	19345	928	453	20816	200	204	400	Total	19435	928	453	20816	200	204	400	Total	19068	898	446	20412	<div>API Proxy</div> <table><tr><th>Count</th></tr><tr><td>20816</td></tr></table> <div>Data Discovery</div> <table><tr><th>Count</th></tr><tr><td>20816</td></tr></table> <div>PostgreSQL</div> <table><tr><th>Count</th></tr><tr><td>20412</td></tr></table>	Count	20816	Count	20816	Count	20412	The api proxy count is exactly matching the data discovery count
200	204	400	Total																														
19345	928	453	20816																														
200	204	400	Total																														
19435	928	453	20816																														
200	204	400	Total																														
19068	898	446	20412																														
Count																																	
20816																																	
Count																																	
20816																																	
Count																																	
20412																																	

27 Apr 2025 8 PM - 9 PM IST	API Proxy				API Proxy	The api proxy count is exactly matching the data discovery count
	200	204	400	Total	Count	
	29312	1556	100	30968	30968	
	Data Discovery				Data Discovery	
	200	204	400	Total	Count	
	29312	1556	100	30968	30968	
	PostgreSQL				PostgreSQL	
	200	204	400	Total	Count	
	28491	1528	97	30116	30116	

### Related Queries

Below queries are used in Splunk and Data Discovery to get the reports. GMT (UTC) timezone is considered in both cases. Update the queries and run accordingly to get relevant results.

#### Splunk

- 1. [transactionHistory](#)
- 2. [inventoryActions](#)
- 3. [audit-log-svc](#)
- 4. [BULK-FEEDS](#)

#### Data Discovery

- 1. transactionHistory - SELECT COUNT(1) FROM us\_dv\_audit\_log\_prod.api\_logs WHERE date = date '2025-04-08' and endpoint\_name = 'transactionHistory' and response\_code = 200;
- 2. inventoryActions - SELECT COUNT(1) FROM us\_dv\_audit\_log\_prod.api\_logs WHERE date = date '2025-04-08' and endpoint\_name = 'inventoryActions' and response\_code = 201;
- 3. BULK-FEEDS - SELECT response\_code, COUNT(1) FROM us\_dv\_audit\_log\_prod.api\_logs WHERE response\_ts BETWEEN 1745764200000 AND 1745767800000 AND service\_name = 'BULK-FEEDS' GROUP BY response\_code ;