# Error Responses Mapping

Internal errors and external errors must be correlated by the next mapping pattern table.

**Syntax Exceptions**

|  |  |  |
| --- | --- | --- |
| External Error code | Internal Error codes | HTTP Status |
| INVALID ARGUMENT | SVC1000, SVC1001, SVC0003, SVC1023, SVC0001 | 400 |
| CONFLICT |  | 409 |
| OUT\_OF\_RANGE | SVC1011 | 400 |
| PERMISSION\_DENIED | SVC1013 | 403 |
| ABORTED |  | 409 |
| ALREADY\_EXISTS | SVC0005 | 409 |

**Service Exceptions**

|  |  |  |
| --- | --- | --- |
| Error code | Internal Error codes | HTTP Status |
| UNAUTHENTICATED | SEC1004 | 401 |
| NOT\_FOUND | SVC0004, SVC1003, SVC1006 | 404 |
| TOO\_MANY\_REQUESTS | SEC1003 | 429 |
| AUTHENTICATION\_REQUIRED | SEC1004 | 401 |

**Server Exceptions**

|  |  |  |
| --- | --- | --- |
| Error code | Internal Error codes | HTTP Status |
| FAILED\_PRECONDITION |  | 400 |
| DATA\_LOSS |  | 500 |
| INTERNAL | SVR1000 | 500 |
| BAD\_GATEWAY | - | 502 |
| UNAVAILABLE | SVR1006 | 503 |
| TIMEOUT | SVR1008 | 504 |
| NOT\_IMPLEMENTED | SVR1003 | 501 |
| METHOD\_NOT\_ALLOWED |  | 405 |
| NOT\_ACCEPTABLE |  | 406 |
| UNSUPPORTED\_MEDIA\_TYPE |  | 415 |