

R&R Cassandra DDL and DML Release-5(Production)

DDLs

```
CREATE KEYSPACE
reviews_platform
WITH REPLICATION =
{ 'class' : 'SimpleStrategy', 'replication_factor' : 2 };

CREATE TABLE reviews_platform.reviews (
object_owner_id int,
object_type int,
object_id_hash int,
has_only_rating boolean,
id blob,
checked_out_by uuid,
comments text,
created_at timestamp,
disliked_by set<text>,
headline text,
images list<text>,
is_certified_buyer boolean,
is_checked_out boolean,
is_flagged boolean,
liked_by set<text>,
marked_as_abuse set<text>,
marked_as_spam set<text>,
moderated_at timestamp,
moderator_id uuid,
moderator_rating int,
modified_at timestamp,
nickname text,
object_id text,
rating int,
recommended int,
rejection_comment text,
rejection_reason uuid,
review_quality_score float,
rich_data text,
status int,
user_id text,
user_review_count int,
user_source_id int,
videos list<text>,
PRIMARY KEY ((object_owner_id, object_type, object_id_hash), has_only_rating, id)
) WITH CLUSTERING ORDER BY (has_only_rating ASC, id DESC)
AND bloom_filter_fp_chance = 0.01
AND caching = '{"keys":"ALL", "rows_per_partition":"NONE"}'
AND comment = ""
AND compaction = {'min_threshold': '4', 'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32'}
AND compression = {'sstable_compression': 'org.apache.cassandra.io.compress.LZ4Compressor'}
AND dclocal_read_repair_chance = 0.1
AND default_time_to_live = 0
AND gc_grace_seconds = 864000
AND max_index_interval = 2048
AND memtable_flush_period_in_ms = 0
AND min_index_interval = 128
AND read_repair_chance = 0.0
AND speculative_retry = '99.0PERCENTILE';
CREATE INDEX checked_out_by_index ON reviews_platform.reviews (checked_out_by);
CREATE INDEX reviews_is_flagged_idx ON reviews_platform.reviews (is_flagged);
CREATE INDEX moderator_id_index ON reviews_platform.reviews (moderator_id);
CREATE INDEX status_index ON reviews_platform.reviews (status);
CREATE INDEX user_id_index ON reviews_platform.reviews (user_id);

CREATE TABLE reviews_platform.object_stats (
object_owner_id int,
object_type int,
object_id text,
```

```

most_helpful_negative_review text,
most_helpful_positive_review text,
not_recommended_count int,
num_of_reviews int,
num_of_reviews_with_image int,
num_of_reviews_with_video int,
ratings_histogram map<int, int>,

reviews_histogram map<int, int>,
recommended_count int,
rich_data_cumulate text,
PRIMARY KEY ((object_owner_id, object_type), object_id)
) WITH CLUSTERING ORDER BY (object_id ASC)
AND bloom_filter_fp_chance = 0.01
AND caching = '{"keys":"ALL", "rows_per_partition":"NONE"}'
AND comment = ""
AND compaction = {'min_threshold': '4', 'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32'}
AND compression = {'sstable_compression': 'org.apache.cassandra.io.compress.LZ4Compressor'}
AND dclocal_read_repair_chance = 0.1
AND default_time_to_live = 0
AND gc_grace_seconds = 864000
AND max_index_interval = 2048
AND memtable_flush_period_in_ms = 0
AND min_index_interval = 128
AND read_repair_chance = 0.0
AND speculative_retry = '99.0PERCENTILE';

```

```

CREATE TABLE reviews_platform.configurations (
configuration_type int PRIMARY KEY,
configuration text,
default_configuration text
) WITH bloom_filter_fp_chance = 0.01
AND caching = '{"keys":"ALL", "rows_per_partition":"NONE"}'
AND comment = ""
AND compaction = {'min_threshold': '4', 'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32'}
AND compression = {'sstable_compression': 'org.apache.cassandra.io.compress.LZ4Compressor'}
AND dclocal_read_repair_chance = 0.1
AND default_time_to_live = 0
AND gc_grace_seconds = 864000
AND max_index_interval = 2048
AND memtable_flush_period_in_ms = 0
AND min_index_interval = 128
AND read_repair_chance = 0.0
AND speculative_retry = '99.0PERCENTILE';

```

```

CREATE TABLE reviews_platform.unsubscribed_users (
user_id text PRIMARY KEY
) WITH bloom_filter_fp_chance = 0.01
AND caching = '{"keys":"ALL", "rows_per_partition":"NONE"}'
AND comment = ""
AND compaction = {'min_threshold': '4', 'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32'}
AND compression = {'sstable_compression': 'org.apache.cassandra.io.compress.LZ4Compressor'}
AND dclocal_read_repair_chance = 0.1
AND default_time_to_live = 0
AND gc_grace_seconds = 864000
AND max_index_interval = 2048
AND memtable_flush_period_in_ms = 0
AND min_index_interval = 128
AND read_repair_chance = 0.0
AND speculative_retry = '99.0PERCENTILE';

```

```

CREATE TABLE reviews_platform.master_data (
key text PRIMARY KEY,
valueset set<text>
) WITH bloom_filter_fp_chance = 0.01
AND caching = '{"keys":"ALL", "rows_per_partition":"NONE"}'

```

```

AND comment = "
AND compaction = {'min_threshold': '4', 'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32'}
AND compression = {'sstable_compression': 'org.apache.cassandra.io.compress.LZ4Compressor'}
AND dclocal_read_repair_chance = 0.1
AND default_time_to_live = 0
AND gc_grace_seconds = 864000
AND max_index_interval = 2048
AND memtable_flush_period_in_ms = 0
AND min_index_interval = 128
AND read_repair_chance = 0.0
AND speculative_retry = '99.0PERCENTILE';

```

```

CREATE TABLE reviews_platform.review_forms (
object_owner_id int,
object_type int,
object_id text,
form_json text,
PRIMARY KEY ((object_owner_id, object_type, object_id))
) WITH bloom_filter_fp_chance = 0.01
AND caching = {'keys': "ALL", "rows_per_partition": "NONE"}
AND comment = "
AND compaction = {'min_threshold': '4', 'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32'}
AND compression = {'sstable_compression': 'org.apache.cassandra.io.compress.LZ4Compressor'}
AND dclocal_read_repair_chance = 0.1
AND default_time_to_live = 0
AND gc_grace_seconds = 864000
AND max_index_interval = 2048
AND memtable_flush_period_in_ms = 0
AND min_index_interval = 128
AND read_repair_chance = 0.0
AND speculative_retry = '99.0PERCENTILE';

```

```

CREATE TABLE reviews_platform.pogid_mapping (
child_pog_id bigint PRIMARY KEY,
child_pog_name text,
parent_pog_id bigint,
parent_pog_name text
) WITH bloom_filter_fp_chance = 0.01
AND caching = {'keys': "ALL", "rows_per_partition": "NONE"}
AND comment = "
AND compaction = {'min_threshold': '4', 'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32'}
AND compression = {'sstable_compression': 'org.apache.cassandra.io.compress.LZ4Compressor'}
AND dclocal_read_repair_chance = 0.1
AND default_time_to_live = 0
AND gc_grace_seconds = 864000
AND max_index_interval = 2048
AND memtable_flush_period_in_ms = 0
AND min_index_interval = 128
AND read_repair_chance = 0.0
AND speculative_retry = '99.0PERCENTILE';
CREATE INDEX parent_pog_index ON reviews_platform.pogid_mapping (parent_pog_id);

```

```

CREATE TABLE reviews_platform.shippment_data (
actual_delivered_date bigint,
customer_id text,
sub_order_code text,
actual_delivered_timestamp timestamp,
catlog_id text,
customer_name text,
delivered_mark_date timestamp,
image_url text,
order_code text,
pdp_link text,
pog_id text,
product_name text,
sent_email_count int,

```

```

supc_code text,
PRIMARY KEY (actual_delivered_date, customer_id, sub_order_code)
) WITH CLUSTERING ORDER BY (customer_id ASC, sub_order_code ASC)
AND bloom_filter_fp_chance = 0.01
AND caching = '{"keys":"ALL", "rows_per_partition":"NONE"}'
AND comment = ""
AND compaction = {'min_threshold': '4', 'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32'}
AND compression = {'sstable_compression': 'org.apache.cassandra.io.compress.LZ4Compressor'}
AND dclocal_read_repair_chance = 0.1
AND default_time_to_live = 0
AND gc_grace_seconds = 864000
AND max_index_interval = 2048
AND memtable_flush_period_in_ms = 0
AND min_index_interval = 128
AND read_repair_chance = 0.0
AND speculative_retry = '99.0PERCENTILE';

```

```

CREATE TABLE reviews_platform.reviews_sample (
label text PRIMARY KEY,
comments text,
created_at timestamp,
headline text,
nick_name text,
rating int
) WITH bloom_filter_fp_chance = 0.01
AND caching = '{"keys":"ALL", "rows_per_partition":"NONE"}'
AND comment = ""
AND compaction = {'min_threshold': '4', 'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32'}
AND compression = {'sstable_compression': 'org.apache.cassandra.io.compress.LZ4Compressor'}
AND dclocal_read_repair_chance = 0.1
AND default_time_to_live = 0
AND gc_grace_seconds = 864000
AND max_index_interval = 2048
AND memtable_flush_period_in_ms = 0
AND min_index_interval = 128
AND read_repair_chance = 0.0
AND speculative_retry = '99.0PERCENTILE';

```

DMLs

Profanity API:

```
insert into reviews_platform.master_data (key, valueset ) values ('MODERATION' , { });
```

```
insert into reviews_platform.master_data (key, valueset ) values ('REVIEW_CREATION' , { });
```

Configuration API:

```

insert into reviews_platform.configurations(configuration_type, configuration, default_configuration) values (1,
'{"createReviewRecommendationVisibility":true,
"createReviewRecommendationMandatory":true,
"createReviewRichDataVisibilty":true,
"defaultMinTitleSize":10,
"defaultMaxTitleSize":100,
"defaultMinCommentSize":100,
"defaultMaxCommentSize":5000,
"defaultPaginationSize":10,
"defaultReviewListingSortType":"HELPFUL_DESC",
"defaultAutoCheckInTimeForTwentyReviews": 45,
"defaultAutoCheckInTimeForFiftyReviews": 45,
"defaultAutoCheckInTimeAboveFiftyReviews": 45}',
'{"createReviewRecommendationVisibility":true,
"createReviewRecommendationMandatory":true,
"createReviewRichDataVisibilty":true,
"defaultMinTitleSize":10,
"defaultMaxTitleSize":100,
"defaultMinCommentSize":100,
"defaultMaxCommentSize":5000,
"defaultPaginationSize":10,

```

```
"defaultReviewListingSortType":"HELPFUL_DESC",
"defaultAutoCheckInTimeForTwentyReviews": 45,
"defaultAutoCheckInTimeForFiftyReviews": 45,
"defaultAutoCheckInTimeAboveFiftyReviews": 45}');

```

```
insert into reviews_platform.configurations(configuration_type, configuration, default_configuration) values
(2, '{"moderatorConfiguration":{"weightage":0.15,"isEnabled":true},"freshnessConfiguration":{"isEnabled":true,"weightage":0.15,"rangeConfiguration":{
{"startValue":0,"endValue":7,"points":10},{
"startValue":8,"endValue":90,"points":9},{
"startValue":91,"endValue":180,"points":8},{
"startValue":181,"endValue":360,"points":5},{
"startValue":361,"endValue":2147483647,"points":3}}},"lengthOfReviewConfiguration":{"isEnabled":true,"weightage":0.05,"rangeConfiguration":{
{"startValue":0,"endValue":100,"points":2},{
"startValue":101,"endValue":300,"points":5},{
"startValue":301,"endValue":600,"points":7},{
"startValue":601,"endValue":900,"points":9},{
"startValue":901,"endValue":2147483647,"points":10}}},"helpFulVoteConfiguration":{"weightage":0.25,"isEnabled":true,"staticConfigurations":{
{"label":"EVERY_UP_VOTE","points":10}}},"typeOfReviewerConfiguration":{"weightage":0.4,"isEnabled":true,"staticConfigurations":{
{"label":"CERTIFIED","points":10},{
"label":"NON_CERTIFIED","points":5}}}}',

```

```
'{"moderatorConfiguration":{"weightage":0.15,"isEnabled":true},"freshnessConfiguration":{"isEnabled":true,"weightage":0.15,"rangeConfiguration":{
{"startValue":0,"endValue":7,"points":10},{
"startValue":8,"endValue":90,"points":9},{
"startValue":91,"endValue":180,"points":8},{
"startValue":181,"endValue":360,"points":5},{
"startValue":361,"endValue":2147483647,"points":3}}},"lengthOfReviewConfiguration":{"isEnabled":true,"weightage":0.05,"rangeConfiguration":{
{"startValue":0,"endValue":100,"points":2},{
"startValue":101,"endValue":300,"points":5},{
"startValue":301,"endValue":600,"points":7},{
"startValue":601,"endValue":900,"points":9},{
"startValue":901,"endValue":2147483647,"points":10}}},"helpFulVoteConfiguration":{"weightage":0.25,"isEnabled":true,"staticConfigurations":{
{"label":"EVERY_UP_VOTE","points":10}}},"typeOfReviewerConfiguration":{"weightage":0.4,"isEnabled":true,"staticConfigurations":{
{"label":"CERTIFIED","points":10},{
"label":"NON_CERTIFIED","points":5}}}}');

```

```
insert into reviews_platform.configurations(configuration_type, configuration,default_configuration) values(3,

```

```
{
  "firstReviewRequestEmailConfiguration":{
    "NDaysAfterDelivery":5,
    "isTaskEnabled":false,
    "emailSubject":"Dear Customer regarding your recent purchase of products",
    "numberOfPreviousOrders":3,
    "isTestingEnabled":true,
    "testCustomerEmail":"testsnapdeal11@gmail.com",
    "unsubscribeURL":"http://52.5.191.173:11160/reviews-api/api/service/reviews/mailers/unsubscribe?userId="
  },
  "secondReviewRequestEmailConfiguration":{
    "NDaysAfterDelivery":10,
    "isTaskEnabled":false,
    "emailSubject":"Dear Customer, kindly rate your purchase of recent products",
    "numberOfPreviousOrders":3,
    "isTestingEnabled":true,
    "testCustomerEmail":"testsnapdeal11@gmail.com",
    "unsubscribeURL":"http://52.5.191.173:11160/reviews-api/api/service/reviews/mailers/unsubscribe?userId="
  },
  "reviewApprovedEmailConfiguration":{
    "isTaskEnabled":false,
    "emailSubject":"Hi-five! Your review just went live.",
    "numberOfPreviousOrders":3,
    "isTestingEnabled":true,
    "testCustomerEmail":"testsnapdeal11@gmail.com",
    "unsubscribeURL":"http://52.5.191.173:11160/reviews-api/api/service/reviews/mailers/unsubscribe?userId="
  },
  "reviewAcknowledgementEmailConfiguration":{
    "isTaskEnabled":false,
    "emailSubject":"Thank you for your latest review!",
    "numberOfPreviousOrders":3,
    "isTestingEnabled":true,
    "testCustomerEmail":"testsnapdeal11@gmail.com",
    "unsubscribeURL":"http://52.5.191.173:11160/reviews-api/api/service/reviews/mailers/unsubscribe?userId="
  },
  "rejectedReviewEmailConfiguration":{
    "isTaskEnabled":false,
    "emailSubject":"Oops! Something wrong with your review.",
    "numberOfPreviousOrders":3,
    "isTestingEnabled":true,
    "testCustomerEmail":"testsnapdeal11@gmail.com",
    "unsubscribeURL":"http://52.5.191.173:11160/reviews-api/api/service/reviews/mailers/unsubscribe?userId="
  },
  "welcomeToLeaderboardEmailConfiguration":{
    "isTaskEnabled":false,
    "emailSubject":"Welcome to Snapdeal Reviewer community",
    "numberOfPreviousOrders":3,
    "isTestingEnabled":true,

```

```

"testCustomerEmail":"testsnapdeal11@gmail.com",
"unsubscribeURL":"http://52.5.191.173:11160/reviews-api/api/service/reviews/mailers/unsubscribe?userId="
},
"reviewHelpfulEmailConfiguration":{
"numberOfUpVote":5,
"isTaskEnabled":false,
"emailSubject":"You are a hero for others. Keep reviewing!",
"numberOfPreviousOrders":3,
"isTestingEnabled":true,
"testCustomerEmail":"testsnapdeal11@gmail.com",
"unsubscribeURL":"http://52.5.191.173:11160/reviews-api/api/service/reviews/mailers/unsubscribe?userId="
},
"leaderboardUpdateEmailConfiguration":{
"isTaskEnabled":false,
"emailSubject":"Check your reviewer scorecard!",
"numberOfPreviousOrders":3,
"isTestingEnabled":true,
"testCustomerEmail":"testsnapdeal11@gmail.com",
"unsubscribeURL":"http://52.5.191.173:11160/reviews-api/api/service/reviews/mailers/unsubscribe?userId="
}
}, null
);

```

insert into reviews_platform.configurations(configuration_type, configuration,default_configuration) values(4, null, null);

Fetch Master Data API:

```

insert into reviews_platform.review_forms (object_owner_id ,object_type, object_id,form_json) values
(0,0,'1001',{'richDataElements':{'pros':{'options':{'name':"screen size","value":"screen size"},{'name':"email","value":"email"},{'name':"battery","value":"battery"}},'name':"pros","dataType":"MULTISELECT"},"price":{"options":{"name":"value for money","value":"value for money"},{'name':"underpriced","value":"underpriced"},{'name':"over-priced","value":"over-priced"}},'name':"price","dataType":"SINGLESELECT"},"cons":{"options":{"name":"screen size","value":"screen size"},{'name':"email","value":"email"},{'name':"battery","value":"battery"}},'name':"cons","dataType":"MULTISELECT"}},'name':"root","dataType":"RICHDATASET"});insert into reviews_platform.review_forms (object_owner_id ,object_type, object_id,form_json) values
(0,0,'1002',{'richDataElements':{'pros':{'options':{'name':"grip","value":"grip"},{'name':"material","value":"material"},{'name':"weight","value":"weight"}},'name':"pros","dataType":"MULTISELECT"},"price":{"options":{"name":"value for money","value":"value for money"},{'name':"underpriced","value":"underpriced"},{'name':"over-priced","value":"over-priced"}},'name':"price","dataType":"SINGLESELECT"},"best uses":{"options":{"name":"big match","value":"big match"},{'name':"weekend match","value":"weekend match"},{'name':"top spin","value":"top spin"}},'name':"best uses","dataType":"MULTISELECT"},"cons":{"options":{"name":"grip","value":"grip"},{'name':"material","value":"material"},{'name':"weight","value":"weight"}},'name':"cons","dataType":"MULTISELECT"}},'name':"root","dataType":"RICHDATASET"});

```