slave_slow_query_20170929

```sql
SELECT DISTINCT
    co.`ORGAN_CODE`,co.`ORGAN_NAME`, pc.`name` POLICY_CHANNEL, sc.`NAME` SALES_CHANNEL, ds.name REFER_CHANNEL, ss.`NAME`
SUBSALES_CHANNEL,
    p.`PROPOSAL_NO`,p.`POLICY_NO`,p.`issue_Date`,ctr.`name` HOLDER_NAME,
    tp.`PRODUCT_NAME` PRODUCT_MAIN,pr.`TOTAL_PREM_AF`,
    CASE p.policy_status WHEN '01' THEN '有效' ELSE p.status_change_reason END policy_status,
    CASE ppr.pay_period WHEN 'Y' THEN (CONCAT(ppr.pay_year,'年')) ELSE '趸交' END pay_period,
    pa.`AGENT_CODE`,pa.`AGENT_NAME`,db.`BANK_NAME` BANK_NAME_SCAN,
    (SELECT op.`PARTNER_NAME` FROM `v_iiws_ch1_org_partner` op WHERE op.`partner_id` = pa.`service_branch`)PARTNER_NAME
    FROM`v_pa_policy` p
    LEFT JOIN `v_prop_proposal` pp ON p.proposal_no = pp.proposal_no
    LEFT JOIN `v_iiws_company_organ` co ON p.`ORGAN_ID` = co.`organ_id`
    LEFT JOIN `v_iiws_policy_channel` pc ON p.`POLICY_CHANNEL` = pc.`code`
    LEFT JOIN `v_iiws_sales_channel` sc ON p.`SALES_CHANNEL` = sc.`CODE`
    LEFT JOIN `v_iiws_subsales_channel` ss ON p.`SUB_SALES_CHANNEL` = ss.`CODE`
    LEFT JOIN `v_pa_policy_product` ppr ON ppr.policy_id = p.policy_id
    LEFT JOIN  v_iiws_submit_channel ds ON ds.code = p.submit_channel
    LEFT JOIN `v_prop_coverage` pr ON pr.`proposal_id` = pp.`proposal_id`
    LEFT JOIN `v_iiws_product` tp ON tp.`PRODUCT_ID` = pr.`PRODUCT_ID`
    LEFT JOIN `v_pa_policy_agent` pa ON pa.`policy_no` = p.`POLICY_NO`
    LEFT JOIN `v_iiws_bank` db ON db.`BANK_CODE` = pa.`service_bank`
    LEFT JOIN `v_prop_customer` ctr ON p.`HOLDER_CUST_ID` = ctr.`GLOBAL_CUST_ID`
    WHERE  pr.`MAIN_ITEM_ID` IS NULL
    AND p.`SUBMIT_CHANNEL` = '03'
    AND NOT EXISTS (
    SELECT 1 FROM `v_arch_scan_detail` i WHERE i.certi_no = p.proposal_no AND i.certi_type = '0'
    )
    AND p.issue_Date >= '2017-09-13 00:00:00'
    AND p.issue_Date <='2017-09-14 23:59:59'
    AND p.`organ_id` IN(    SELECT co.organ_id FROM
(SELECT organ_detail,LENGTH(organ_detail) detailLength FROM v_iiws_company_organ
WHERE organ_id = 10003 ) od
LEFT JOIN v_iiws_company_organ co ON od.organ_detail = SUBSTR(co.organ_detail,1,od.detailLength))
     AND p.`organ_id` IN (
SELECT co.organ_id FROM
    (SELECT organ_detail,LENGTH(organ_detail) detailLength FROM v_iiws_company_organ WHERE organ_id IN (
    SELECT organ_id FROM t_report_role_config WHERE user_id = 448 AND report_id=1008
    ) ) od LEFT JOIN v_iiws_company_organ co ON od.organ_detail = SUBSTR(co.organ_detail,1,od.detailLength)
 )
    UNION ALL
    SELECT DISTINCT
co.`ORGAN_CODE`,co.`ORGAN_NAME`, pc.`name` POLICY_CHANNEL, sc.`NAME` SALES_CHANNEL, ds.name REFER_CHANNEL, ss.`NAME`
SUBSALES_CHANNEL,
    p.`PROPOSAL_NO`,p.`POLICY_NO`,p.`issue_Date`,ctr.`name` HOLDER_NAME,
    tp.`PRODUCT_NAME` PRODUCT_MAIN,pr.`TOTAL_PREM_AF`,
    CASE p.policy_status WHEN '01' THEN '有效' ELSE p.status_change_reason END policy_status,
    CASE ppr.pay_period WHEN 'Y' THEN (CONCAT(ppr.pay_year,'年')) ELSE '趸交' END pay_period,
    pa.`AGENT_CODE`,pa.`AGENT_NAME`,NULL '银行渠道',
    NULL'网点名称'
    FROM `v_pa_policy` p
    LEFT JOIN `v_prop_proposal` pp ON p.proposal_no = pp.proposal_no
    LEFT JOIN `v_iiws_company_organ` co ON p.`ORGAN_ID` = co.`organ_id`
    LEFT JOIN `v_iiws_policy_channel` pc ON p.`POLICY_CHANNEL` = pc.`code`
    LEFT JOIN `v_iiws_sales_channel` sc ON p.`SALES_CHANNEL` = sc.`CODE`
    LEFT JOIN `v_iiws_subsales_channel` ss ON p.`SUB_SALES_CHANNEL` = ss.`CODE`
```

```sql
    LEFT JOIN `v_pa_policy_product` ppr ON ppr.policy_id = p.policy_id
    LEFT JOIN  v_iiws_submit_channel ds ON ds.code = p.submit_channel
    LEFT JOIN `v_prop_coverage` pr ON pr.`proposal_id` = pp.`proposal_id`
    LEFT JOIN `v_iiws_product` tp ON tp.`PRODUCT_ID` = pr.`PRODUCT_ID`
    LEFT JOIN `v_pa_policy_agent` pa ON pa.`policy_no` = p.`POLICY_NO`
    LEFT JOIN `v_iiws_bank`  db ON db.`BANK_CODE` = pa.`service_bank`
    LEFT JOIN `v_prop_customer` ctr ON p.`HOLDER_CUST_ID` = ctr.`GLOBAL_CUST_ID`
    WHERE  pr.`MAIN_ITEM_ID` IS NULL
    AND P.`SUB_SALES_CHANNEL` IN ('NG-02','NG-03','NG-04','NG-05')
    AND NOT EXISTS (
     SELECT 1 FROM `v_arch_scan_detail` i WHERE i.certi_no = p.proposal_no AND i.certi_type = '0' AND i.billcard_atta_type IN
('2001','2002','2003')
    )
    AND p.issue_Date >= '2017-09-13 00:00:00'
    AND p.issue_Date  <='2017-09-14 23:59:59'
    AND p.`organ_id` IN(    SELECT co.organ_id FROM
(SELECT organ_detail,LENGTH(organ_detail) detailLength FROM v_iiws_company_organ
WHERE organ_id = 10003 ) od
LEFT JOIN v_iiws_company_organ co ON od.organ_detail = SUBSTR(co.organ_detail,1,od.detailLength))
 AND p.`organ_id` IN (
SELECT co.organ_id FROM
    (SELECT organ_detail,LENGTH(organ_detail) detailLength FROM v_iiws_company_organ WHERE organ_id IN (
    SELECT organ_id FROM t_report_role_config WHERE user_id = 448 AND report_id=1008
    ) ) od LEFT JOIN v_iiws_company_organ co ON od.organ_detail = SUBSTR(co.organ_detail,1,od.detailLength)
 )
    ORDER BY `issue_Date`,`ORGAN_CODE`,`POLICY_NO`;
```

explain结果 :
```
*************************** 1. row ***************************
           id: 1
  select_type: PRIMARY
        table: t_company_organ
   partitions: NULL
         type: const
possible_keys: PRIMARY
          key: PRIMARY
      key_len: 8
          ref: const
         rows: 1
     filtered: 100.00
        Extra: Using temporary
*************************** 2. row ***************************
           id: 1
  select_type: PRIMARY
        table: t_pa_policy
   partitions: NULL
         type: range
possible_keys: INX_PA_POLICY__ISSUE_DATE
          key: INX_PA_POLICY__ISSUE_DATE
      key_len: 6
          ref: NULL
         rows: 9048
     filtered: 10.00
        Extra: Using index condition; Using where; Start temporary
*************************** 3. row ***************************
           id: 1
  select_type: PRIMARY
        table: t_company_organ
```

```
        partitions: NULL
             type: eq_ref
    possible_keys: PRIMARY
              key: PRIMARY
          key_len: 8
              ref: wift_pa.t_pa_policy.ORGAN_ID
             rows: 1
         filtered: 100.00
            Extra: NULL
*************************** 4. row ***************************
               id: 1
      select_type: PRIMARY
            table: t_company_organ
        partitions: NULL
             type: eq_ref
    possible_keys: PRIMARY
              key: PRIMARY
          key_len: 8
              ref: wift_pa.t_pa_policy.ORGAN_ID
             rows: 1
         filtered: 100.00
            Extra: Using where
*************************** 5. row ***************************
               id: 1
      select_type: PRIMARY
            table: t_proposal
        partitions: NULL
             type: ref
    possible_keys: INX_PROP_PROPOSAL__PROPOSAL_NO
              key: INX_PROP_PROPOSAL__PROPOSAL_NO
          key_len: 63
              ref: func
             rows: 1
         filtered: 100.00
            Extra: Using where
*************************** 6. row ***************************
               id: 1
      select_type: PRIMARY
            table: t_company_organ
        partitions: NULL
             type: eq_ref
    possible_keys: PRIMARY
              key: PRIMARY
          key_len: 8
              ref: wift_pa.t_pa_policy.ORGAN_ID
             rows: 1
         filtered: 100.00
            Extra: NULL
*************************** 7. row ***************************
               id: 1
      select_type: PRIMARY
            table: d_policy_channel
        partitions: NULL
             type: eq_ref
    possible_keys: PRIMARY
              key: PRIMARY
          key_len: 92
              ref: func
```

```
          rows: 1
      filtered: 100.00
         Extra: Using where
*************************** 8. row ***************************
            id: 1
   select_type: PRIMARY
         table: d_sales_channel
    partitions: NULL
          type: eq_ref
 possible_keys: PRIMARY
           key: PRIMARY
       key_len: 32
           ref: wift_pa.t_pa_policy.SALES_CHANNEL
          rows: 1
      filtered: 100.00
         Extra: NULL
*************************** 9. row ***************************
            id: 1
   select_type: PRIMARY
         table: d_subsales_channel
    partitions: NULL
          type: eq_ref
 possible_keys: PRIMARY
           key: PRIMARY
       key_len: 32
           ref: func
          rows: 1
      filtered: 100.00
         Extra: Using where
*************************** 10. row ***************************
            id: 1
   select_type: PRIMARY
         table: t_pa_policy_product
    partitions: NULL
          type: ref
 possible_keys: UNI_POLICY_PRODUCT
           key: UNI_POLICY_PRODUCT
       key_len: 123
           ref: wift_pa.t_pa_policy.POLICY_ID
          rows: 1
      filtered: 100.00
         Extra: NULL
*************************** 11. row ***************************
            id: 1
   select_type: PRIMARY
         table: d_submit_channel
    partitions: NULL
          type: eq_ref
 possible_keys: PRIMARY
           key: PRIMARY
       key_len: 32
           ref: func
          rows: 1
      filtered: 100.00
         Extra: Using where
*************************** 12. row ***************************
            id: 1
   select_type: PRIMARY
```

```
         table: t_prop_coverage
    partitions: NULL
          type: ref
possible_keys: FK_PROP_COV__PROP_ID, INX_PROP_COVERAGE__PROPOSAL_ID
           key: INX_PROP_COVERAGE__PROPOSAL_ID
       key_len: 123
           ref: wift_prop.t_proposal.PROPOSAL_ID
          rows: 1
      filtered: 10.00
         Extra: Using where
*************************** 13. row ***************************
            id: 1
   select_type: PRIMARY
         table: t_report_role_config
    partitions: NULL
          type: ALL
possible_keys: NULL
           key: NULL
       key_len: NULL
           ref: NULL
          rows: 1194
      filtered: 1.00
         Extra: Using where; Using join buffer (Block Nested Loop)
*************************** 14. row ***************************
            id: 1
   select_type: PRIMARY
         table: t_company_organ
    partitions: NULL
          type: eq_ref
possible_keys: PRIMARY
           key: PRIMARY
       key_len: 8
           ref: wift_plog.t_report_role_config.organ_id
          rows: 1
      filtered: 10.00
         Extra: Using where; End temporary
*************************** 15. row ***************************
            id: 1
   select_type: PRIMARY
         table: t_product
    partitions: NULL
          type: eq_ref
possible_keys: PRIMARY
           key: PRIMARY
       key_len: 8
           ref: wift_prop.t_prop_coverage.PRODUCT_ID
          rows: 1
      filtered: 100.00
         Extra: NULL
*************************** 16. row ***************************
            id: 1
   select_type: PRIMARY
         table: t_pa_policy_agent
    partitions: NULL
          type: ref
possible_keys: INX_PA_POLICY_AGENT__POLICY_NO
           key: INX_PA_POLICY_AGENT__POLICY_NO
       key_len: 123
```

```
          ref: func
         rows: 1
     filtered: 100.00
        Extra: Using where
*************************** 17. row ***************************
           id: 1
  select_type: PRIMARY
        table: d_bank
   partitions: NULL
         type: eq_ref
possible_keys: BANK_CODE_UNI
          key: BANK_CODE_UNI
      key_len: 122
          ref: func
         rows: 1
     filtered: 100.00
        Extra: Using where
*************************** 18. row ***************************
           id: 1
  select_type: PRIMARY
        table: t_prop_customer
   partitions: NULL
         type: ALL
possible_keys: NULL
          key: NULL
      key_len: NULL
          ref: NULL
         rows: 463032
     filtered: 100.00
        Extra: Using where; Using join buffer (Block Nested Loop)
*************************** 19. row ***************************
           id: 3
  select_type: DEPENDENT SUBQUERY
        table: t_arch_scan_detail
   partitions: NULL
         type: ref
possible_keys: INX_DETAIL__CERTI_NO
          key: INX_DETAIL__CERTI_NO
      key_len: 98
          ref: func
         rows: 1
     filtered: 10.00
        Extra: Using index condition; Using where
*************************** 20. row ***************************
           id: 2
  select_type: DEPENDENT SUBQUERY
        table: t_chl_org_partner
   partitions: NULL
         type: eq_ref
possible_keys: PRIMARY
          key: PRIMARY
      key_len: 8
          ref: func
         rows: 1
     filtered: 100.00
        Extra: Using where
*************************** 21. row ***************************
           id: 9
```

```
     select_type: UNION
          table: t_company_organ
     partitions: NULL
           type: const
  possible_keys: PRIMARY
            key: PRIMARY
        key_len: 8
            ref: const
           rows: 1
       filtered: 100.00
          Extra: Using temporary
*************************** 22. row ***************************
             id: 9
     select_type: UNION
          table: t_pa_policy
     partitions: NULL
           type: range
  possible_keys: INX_PA_POLICY__ISSUE_DATE
            key: INX_PA_POLICY__ISSUE_DATE
        key_len: 6
            ref: NULL
           rows: 9048
       filtered: 40.00
          Extra: Using index condition; Using where; Start temporary
*************************** 23. row ***************************
             id: 9
     select_type: UNION
          table: t_company_organ
     partitions: NULL
           type: eq_ref
  possible_keys: PRIMARY
            key: PRIMARY
        key_len: 8
            ref: wift_pa.t_pa_policy.ORGAN_ID
           rows: 1
       filtered: 100.00
          Extra: NULL
*************************** 24. row ***************************
             id: 9
     select_type: UNION
          table: t_company_organ
     partitions: NULL
           type: eq_ref
  possible_keys: PRIMARY
            key: PRIMARY
        key_len: 8
            ref: wift_pa.t_pa_policy.ORGAN_ID
           rows: 1
       filtered: 100.00
          Extra: Using where
*************************** 25. row ***************************
             id: 9
     select_type: UNION
          table: t_proposal
     partitions: NULL
           type: ref
  possible_keys: INX_PROP_PROPOSAL__PROPOSAL_NO
            key: INX_PROP_PROPOSAL__PROPOSAL_NO
```

```
          key_len: 63
              ref: func
             rows: 1
         filtered: 100.00
            Extra: Using where
*************************** 26. row ***************************
               id: 9
      select_type: UNION
            table: t_company_organ
       partitions: NULL
             type: eq_ref
    possible_keys: PRIMARY
              key: PRIMARY
          key_len: 8
              ref: wift_pa.t_pa_policy.ORGAN_ID
             rows: 1
         filtered: 100.00
            Extra: NULL
*************************** 27. row ***************************
               id: 9
      select_type: UNION
            table: d_policy_channel
       partitions: NULL
             type: eq_ref
    possible_keys: PRIMARY
              key: PRIMARY
          key_len: 92
              ref: func
             rows: 1
         filtered: 100.00
            Extra: Using where
*************************** 28. row ***************************
               id: 9
      select_type: UNION
            table: d_sales_channel
       partitions: NULL
             type: eq_ref
    possible_keys: PRIMARY
              key: PRIMARY
          key_len: 32
              ref: wift_pa.t_pa_policy.SALES_CHANNEL
             rows: 1
         filtered: 100.00
            Extra: NULL
*************************** 29. row ***************************
               id: 9
      select_type: UNION
            table: d_subsales_channel
       partitions: NULL
             type: eq_ref
    possible_keys: PRIMARY
              key: PRIMARY
          key_len: 32
              ref: func
             rows: 1
         filtered: 100.00
            Extra: Using where
*************************** 30. row ***************************
```

```
            id: 9
   select_type: UNION
        table: t_pa_policy_product
   partitions: NULL
         type: ref
possible_keys: UNI_POLICY_PRODUCT
          key: UNI_POLICY_PRODUCT
      key_len: 123
          ref: wift_pa.t_pa_policy.POLICY_ID
         rows: 1
     filtered: 100.00
        Extra: NULL
*************************** 31. row ***************************
            id: 9
   select_type: UNION
        table: d_submit_channel
   partitions: NULL
         type: eq_ref
possible_keys: PRIMARY
          key: PRIMARY
      key_len: 32
          ref: func
         rows: 1
     filtered: 100.00
        Extra: Using where
*************************** 32. row ***************************
            id: 9
   select_type: UNION
        table: t_prop_coverage
   partitions: NULL
         type: ref
possible_keys: FK_PROP_COV__PROP_ID, INX_PROP_COVERAGE__PROPOSAL_ID
          key: INX_PROP_COVERAGE__PROPOSAL_ID
      key_len: 123
          ref: wift_prop.t_proposal.PROPOSAL_ID
         rows: 1
     filtered: 10.00
        Extra: Using where
*************************** 33. row ***************************
            id: 9
   select_type: UNION
        table: t_report_role_config
   partitions: NULL
         type: ALL
possible_keys: NULL
          key: NULL
      key_len: NULL
          ref: NULL
         rows: 1194
     filtered: 1.00
        Extra: Using where; Using join buffer (Block Nested Loop)
*************************** 34. row ***************************
            id: 9
   select_type: UNION
        table: t_company_organ
   partitions: NULL
         type: eq_ref
possible_keys: PRIMARY
```

```
          key: PRIMARY
      key_len: 8
          ref: wift_plog.t_report_role_config.organ_id
         rows: 1
     filtered: 10.00
        Extra: Using where; End temporary
*************************** 35. row ***************************
           id: 9
  select_type: UNION
        table: t_product
   partitions: NULL
         type: eq_ref
possible_keys: PRIMARY
          key: PRIMARY
      key_len: 8
          ref: wift_prop.t_prop_coverage.PRODUCT_ID
         rows: 1
     filtered: 100.00
        Extra: NULL
*************************** 36. row ***************************
           id: 9
  select_type: UNION
        table: t_pa_policy_agent
   partitions: NULL
         type: ref
possible_keys: INX_PA_POLICY_AGENT__POLICY_NO
          key: INX_PA_POLICY_AGENT__POLICY_NO
      key_len: 123
          ref: func
         rows: 1
     filtered: 100.00
        Extra: Using where
*************************** 37. row ***************************
           id: 9
  select_type: UNION
        table: d_bank
   partitions: NULL
         type: eq_ref
possible_keys: BANK_CODE_UNI
          key: BANK_CODE_UNI
      key_len: 122
          ref: func
         rows: 1
     filtered: 100.00
        Extra: Using where; Using index
*************************** 38. row ***************************
           id: 9
  select_type: UNION
        table: t_prop_customer
   partitions: NULL
         type: ALL
possible_keys: NULL
          key: NULL
      key_len: NULL
          ref: NULL
         rows: 463032
     filtered: 100.00
        Extra: Using where; Using join buffer (Block Nested Loop)
```

```
*************************** 39. row ***************************
           id: 10
  select_type: DEPENDENT SUBQUERY
        table: t_arch_scan_detail
   partitions: NULL
         type: ref
possible_keys: INX_DETAIL__CERTI_NO
          key: INX_DETAIL__CERTI_NO
      key_len: 98
          ref: func
         rows: 1
     filtered: 4.57
        Extra: Using index condition; Using where
*************************** 40. row ***************************
           id: NULL
  select_type: UNION RESULT
        table: <union1,9>
   partitions: NULL
         type: ALL
possible_keys: NULL
          key: NULL
      key_len: NULL
          ref: NULL
         rows: NULL
     filtered: NULL
        Extra: Using temporary; Using filesort
40 rows in set, 4 warnings (0.03 sec)

mysql>
```