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CREATE OR REPLACE VIEW wcv_dw_cost_center_dh (
  x_cost_center_hierarchy_valueset_code,
  x_cost_center_tree_filter,
  x_cost_center_tree_code_version,
  x_cost_center_hierarchy_version_name,
  x_cost_center_hierarchy_name,
  x_cost_center_valueset_code,
  x_cost_center_tree_version_effective_start_date,
  x_cost_center_tree_version_effective_end_date,
  x_cost_center_tree_version_status,
  x_cost_center_base_level_code,
  x_cost_center_base_level_description,
  x_cost_center_base_level_name,
  x_cost_center_base_level_valueset_code,
  x_cost_center_level_28_code,
  x_cost_center_level_28_description,
  x_cost_center_level_28_name,
  x_cost_center_level_28_valueset_code,
  x_cost_center_level_29_code,
  x_cost_center_level_29_description,
  x_cost_center_level_29_name,
  x_cost_center_level_29_valueset_code,
  x_cost_center_level_30_code,
  x_cost_center_level_30_description,
  x_cost_center_level_30_name,
  x_cost_center_level_30_valueset_code,
  x_cost_center_level_31_code,
  x_cost_center_level_31_description,
  x_cost_center_level_31_name,
  x_cost_center_level_31_valueset_code
) AS
  WITH costcenterhierarchy AS (
    SELECT DISTINCT
      dcch.hierarchy_valueset_code      AS hierarchy_valueset_code,
      dcch.hierarchy_tree_code
      || '~'
      || dcch.hierarchy_version_id      AS hierarchy_tree_code_version,
      dcch.hierarchy_tree_code,
      dcch.hierarchy_name_hierarchy_version_name AS
hierarchy_name_hierarchy_version_name,
      dcch.hierarchy_version_name      AS hierarchy_version_name,
      CASE
        WHEN dcch.tree_code_ver_eff_end_date IN ( TO_DATE('01/01/1901', 'MM/DD/YYYY'),
TO_DATE('12/31/4712', 'MM/DD/YYYY') ) THEN
          NULL
        ELSE
          dcch.tree_code_ver_eff_end_date
        END
        AS tree_version_end_date,

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dcch.tree_code_ver_eff_start_date      AS tree_version_start_date,
dcch.hierarchy_version_status          AS hierarchy_status,
dcc.cost_center_valueset_code          AS cost_center_valueset_code,
dcch.hierarchy_version_id,
dcch.source_record_id,
dcch.hierarchy_name,
dcc.cost_center_segment                AS cost_center_segment,
dcch.level0_segment                   AS level_0_segment_value,
dcch.level0_segment,
dcch.level0_segment_id                AS level0_segment_id,
dcch.level0_valueset_code,
dcch.level28_segment                 AS level_28_segment,
dcch.level28_segment_id              AS level28_segment_id,
dcch.level28_valueset_code,
dcch.level29_segment                 AS level_29_segment,
dcch.level29_segment_id              AS level29_segment_id,
dcch.level29_valueset_code,
dcch.level30_segment                 AS level_30_segment,
dcch.level30_segment_id              AS level30_segment_id,
dcch.level30_valueset_code,
dcch.level31_segment                 AS level_31_segment,
dcch.level31_segment_id              AS level31_segment_id,
dcch.level31_valueset_code
FROM
  oax$oac.dw_cost_center_d dcc
  LEFT OUTER JOIN oax$oac.dw_cost_center_dh dcch ON dcc.cost_center_segment =
dcch.cost_center_segment
                                AND dcc.cost_center_valueset_code =
dcch.hierarchy_valueset_code
), costcenterdescription AS (
  SELECT /*+ no_merge */
    dcct.cost_center_segment_description AS cost_center_description,
    dcct.cost_center_segment            AS cost_center_segment,
    dcct.cost_center_valueset_code      AS cost_center_valueset_code,
    dcct.cost_center_segment_name       AS cost_center_segment_name
  FROM
    oax$oac.dw_cost_center_d_tl dcct
  WHERE
    dcct.language = 'US'
), treeversionstatusdescription AS (
  SELECT /*+ no_merge */
    tvstl.name                        AS tree_version_status_name,
    tvstl.tree_version_status_lkp_code AS tree_version_status_code
  FROM
    oax$oac.dw_tree_version_status_lkp_tl tvstl
  WHERE
    tvstl.language = 'US'
)

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SELECT
    ch.hierarchy_valueset_code,
    ch.hierarchy_name_hierarchy_version_name,
    ch.hierarchy_tree_code_version,
    ch.hierarchy_version_name,
    ch.hierarchy_name,
    ch.cost_center_valueset_code,
    ch.tree_version_start_date,
    ch.tree_version_end_date,
    ch.hierarchy_status,
    ch.level0_segment,
    ch.cost_center_segment
    || '~'
    || nvl(ccd1.cost_center_description, ch.cost_center_segment) AS cost_center_description,
    ch.level0_segment_id,
    ch.level0_valueset_code,
    ch.level_28_segment,
    ch.level_28_segment
    || '~'
    || nvl(ccd2.cost_center_description, ch.level_28_segment) AS level_28_description,
    ch.level28_segment_id,
    ch.level28_valueset_code,
    ch.level_29_segment,
    ch.level_29_segment
    || '~'
    || nvl(ccd3.cost_center_description, ch.level_29_segment) AS level_29_description,
    ch.level29_segment_id,
    ch.level29_valueset_code,
    ch.level_30_segment,
    ch.level_30_segment
    || '~'
    || nvl(ccd4.cost_center_description, ch.level_30_segment) AS level_30_description,
    ch.level30_segment_id,
    ch.level30_valueset_code,
    ch.level_31_segment,
    ch.level_31_segment
    || '~'
    || nvl(ccd5.cost_center_description, ch.level_31_segment) AS level_31_description,
    ch.level31_segment_id,
    ch.level31_valueset_code
FROM
    costcenterhierarchy      ch
    LEFT OUTER JOIN costcenterdescription      ccd1 ON ch.cost_center_segment =
ccd1.cost_center_segment
                                AND ch.cost_center_valueset_code =
ccd1.cost_center_valueset_code
    LEFT OUTER JOIN costcenterdescription      ccd2 ON ch.level_28_segment =
ccd2.cost_center_segment

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                AND ch.cost_center_valueset_code =
ccd2.cost_center_valueset_code
        LEFT OUTER JOIN costcenterdescription    ccd3 ON ch.level_29_segment =
ccd3.cost_center_segment
                AND ch.cost_center_valueset_code =
ccd3.cost_center_valueset_code
        LEFT OUTER JOIN costcenterdescription    ccd4 ON ch.level_30_segment =
ccd4.cost_center_segment
                AND ch.cost_center_valueset_code =
ccd4.cost_center_valueset_code
        LEFT OUTER JOIN costcenterdescription    ccd5 ON ch.level_31_segment =
ccd5.cost_center_segment
                AND ch.cost_center_valueset_code =
ccd5.cost_center_valueset_code
        LEFT OUTER JOIN treeversionstatusdescription tvs ON ch.hierarchy_status =
tvs.tree_version_status_code;

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GRANT SELECT ON wcv_dw_cost_center_dh TO oax$oac;

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SELECT

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FROM

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    wcv_dw_cost_center_dh;

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