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// APEX MASKING POLICY
USE ROLE MASKING_ADMIN;
GRANT USAGE ON WAREHOUSE COMPUTE_WH TO ROLE MASKING_ADMIN;

create or replace masking policy NAME_MASKING_POLICY as (val VARCHAR) returns
VARCHAR ->
case
  when current_role() in ('ACCOUNTADMIN') then val
  else 'XXXXXXXXXXXXXXXXXX'
end;

create or replace masking policy FAX_MASKING_POLICY as (val VARCHAR) returns
VARCHAR ->
case
  when current_role() in ('ACCOUNTADMIN') then val
  else 'XXXXXXXXXXXXXXXXXX'
end;

create or replace masking policy EMAIL_MASKING_POLICY as (val VARCHAR) returns
VARCHAR ->
case
  when current_role() in ('ACCOUNTADMIN') then val
  else SUBSTRING(VAL,-1,6)
end;
ALTER MASKING POLICY EMAIL_MASKING_POLICY set body ->
case
  when current_role() in ('ACCOUNTADMIN') then val
  else SUBSTRING(VAL,-6,6)
end;

create or replace masking policy EMPLOYEE_MASKING_POLICY as (val VARCHAR) returns
VARCHAR ->
case
  when current_role() in ('ACCOUNTADMIN') then val
  else 'NO NAME'
end;

--DROP MASKING POLICY EMAIL_MASKING_POLICY;
ALTER TABLE IF EXISTS DEVELOPMENT.APEX.APEX_PAGE_INFO MODIFY COLUMN
FIRST_NAME SET MASKING POLICY NAME_MASKING_POLICY;
ALTER TABLE IF EXISTS DEVELOPMENT.APEX.APEX_PAGE_INFO MODIFY COLUMN
NAME SET MASKING POLICY NAME_MASKING_POLICY;
ALTER TABLE IF EXISTS DEVELOPMENT.APEX.APEX_PAGE_INFO MODIFY COLUMN
FULL_NAME SET MASKING POLICY NAME_MASKING_POLICY;

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```
ALTER TABLE IF EXISTS DEVELOPMENT.APEX.APEX_PAGE_INFO MODIFY COLUMN  
FAX SET MASKING POLICY FAX_MASKING_POLICY;
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ALTER TABLE IF EXISTS DEVELOPMENT.APEX.APEX_PAGE_INFO MODIFY COLUMN  
EMAIL SET MASKING POLICY EMAIL_MASKING_POLICY;
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```
ALTER TABLE IF EXISTS DEVELOPMENT.APEX.APEX_PAGE_INFO MODIFY COLUMN  
EMPLOYEES SET MASKING POLICY EMPLOYEE_MASKING_POLICY;
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```
USE ROLE SYSADMIN;
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SELECT EMAIL FROM DEVELOPMENT.APEX.APEX_PAGE_INFO WHERE EMAIL IS NOT  
NULL;
```

```
-----masking  
done-----
```