**Problem Statement:**

**Business would like to associate correct rollup-customer Name on a transaction. This would allow 360 view of Customer’s Opportunity vs. Bookings vs. Services vs. Financials and business intelligence improved.**

**A single Global Customer Name for Intelligence, when there are multiple Global Ultimates.**

**Discrepancy of an end customer rolling up to an incorrect Global Ultimate , on certain transactions.**

Application of AID Logic:

Demand Gen (to report on additional opportunities outside of SuperGroup customers)

AS Bookings/Renewals

AS Financials

TS Bookings

Pipeline

Use Cases:-

Bookings has end-customer as Ship-To.

* Customer Registry not yet undergone 100% Clean Core Initiative.
* Business says that the 60% CR clean-up is not enough, for a number of existing end Customers.

**DRR/AID Logic**

Restated DRR Bookings is associated to DRR Customer Name, which is currently derived based on one of the two Keys available on a bookings record – Sales\_Territory\_Key and End\_Customer\_Key.

1. End\_Customer\_Key is matched against Sales Data such as Sales Account Name which is of type Super\_Group, or matched against the end customer’s roll-up global\_ultimate\_name.
2. Sales\_territory\_Key is matched against Sales Hierarchy, for only Global Service Providers and Global Enterprise Services.

Using the above derivations, which is waterfall method, around 7300+ End Customers are identified and associated to AS Bookings. Many of these have been identified as not appropriate, or not rolling up to the correct parent customer.

This document is focused on end customer name extraction from the Sales Hierarchy at all level, with the application of pattern matching, across all theatres, and not restricting it to merely GSP and GES.

The Sales Hierarchy will be run through a set of criteria and pattern matching to fetch customer names in the best possible manner.

Thus far 17 methods have been identified, and to be tabled in Table B.

**APPROACH**:

* When new Fiscal Year is in effect ( Jul 31 typically), review the new Sales Hierarchy’s introduction of new nodes, or update of nodes. [Business]
* Review the Sales Hierarchy ( about 104k Nodes, active and inactive), and spot Customer Names in any theatre. [Business]
* Review if the new/updated nodes belong in the established/available criteria-pattern combination as listed in Table B.
* ETL to run all SQL queries from Table B, and capture new customer names into Table C.
* ETL to run all SQL queries from Table B, and capture Sales\_Order\_Line\_Key and the criteria the end\_customer\_key on the Sales\_Order Line falls under.
* Review All End Customers captured in Table C, and identify if any need to be roll-up to a proper Customer Name ( not in Sales Hierarchy and not in Customer Registry) [Business]
* Review All End Customers captured in Table C, and identify if ay need to be excluded from being considered as a roll-up customer. {Business}
* AS Bookings to be processed to associate Normalized Customer Name from Table A, and mapped from Table C.

**Table A** AS Bookings from current Fiscal Year.

Sales\_Order\_line\_Key This will be picked from AS Bookings for AS Bookings Use-case.

Criteria Descriptive and to be leveraged in a sql where clause.

Pattern The pattern identified on the Node Name which can be used to uniformly extract

Exclusion Patterns in the node\_name which should be excluded from consideration in customer name extraction, and to be leveraged in a sql where clause.

Theatre Theatre from the Sales Hierarchy , typically Level 1 .

Creation\_Date

**Table B Master Table to capture SQL script for each critera-pattern identified in Sales Hierrachy for Current Fiscal Year.**

Criteria Descriptive and to be leveraged in a sql where clause.

Pattern The pattern identified on the Node Name which can be used to uniformly extract

Exclusion Patterns in the node\_name which should be excluded from consideration in customer name extraction, and to be leveraged in a sql where clause.

Theatre Theatre from the Sales Hierarchy , typically Level 1 .

Creation\_Date

Sql This will store the sql used in each criteria/pattern extraction.

**Table C** Load all customers into new table, MT\_AID\_NORMALIZED\_CUSTOMER

After action of Execute all Queries from Table B and load unique customer names.

End\_Customer

Exclude Y/N

Parent\_End\_Customer

Parent\_end\_customer\_ind

Validated\_Flg Y/N

Date\_Created

Theatre

*DRR Logic Join is on sales\_territory\_Key ( table C). , Normalized Name attached to the bookings from Table B ( including the customer name mappings).*

Process:-

1. ETL to load customers
2. Excel to upload finalized data as backup.

* ETL to process the sales hierarchy once a month, first Monday after Month-end Close.  [Will double-check if EDW pulls Node Names as and when created in SHARE, even if their effective\_date is in the next fiscal month.] Check ETL if it runs daily, and what is the source table.
* Sales Hierrachy End Customer extractions maintained in a EDW table, N\_AS\_SHARE\_END\_CUSTOMER. (Table 2 below)
* Pattern Matches maintained in a EDW table, N\_AS\_END\_CUST\_PATTERN.
* ~~Exclusions maintained in a EDW table, N\_AS\_END\_CUST\_EXC.~~
* Business/IT to review the data every month for any new Nodes added. If any new patterns are to be applied, these need to be added to the EDW tables. This will act as a repository.
* Facility to upload Excel, in case, End Customer extraction manually is an easier option now and then.
* Facility to upload Excel, indicating whether the end customer in N\_AS\_SHARE\_END\_CUSTOMER should be considered as End Customers or Not, indicator with a flag ‘Y’. Dashboards/Reports/transactions to pick those with flag=Y.

Sal look at level 4 for

Criteria GSP and GES

Pattern was ‘NA’

Extract Level 4

Standalone ETL🡪 Run 13 queries, dump ‘Company\_Name’ into new table End\_customer.

DRR Logic 🡪 replace step 2 with new End\_customer table.

Existing DRR Logic (step2) , zero records of the 112 are end cutomer

New DRR logic (step 2), about 4000 end customers.

MT\_AS\_DRR\_END\_CUSTOMER 🡪

DRR >Logic

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Criteria\_Num** | **Criteria** | **Pattern** | **Column** | **Exclusion** | **Sql** | **Version** | **Theatre** |
| 1 | STRUCTURE\_NODE\_NAME\_L1=’GLOBAL SERVICE PROVIDER’ | GSP\_US\_MS | structure\_node\_name |  | Sql1 | 1.0 | ’GLOBAL SERVICE PROVIDER |
| 1 | STRUCTURE\_NODE\_NAME\_L1=’GLOBAL SERVICE PROVIDER’ | GSP\_US\_TH | structure\_node\_name |  | Sql1 | 1.0 | ’GLOBAL SERVICE PROVIDER |
| 2 ( Can ignore, ties in with 3 ) | STRUCTURE\_NODE\_NAME\_L1=’GLOBAL SERVICE PROVIDER’  Node\_Type=Area | NA | structure\_node\_name | %MULTIYEAR%, %MULTI YEAR%, %MISC%, %\_SP, %OFFSET%, %SELLING%, %OTHER%, %CLOUD%,  DT% | Sql2 |  | GLOBAL SERVICE PROVIDER |
| 3 | STRUCTURE\_NODE\_NAME\_L1=’GLOBAL SERVICE PROVIDER’  Node\_Type=Operation | Scrub | structure\_node\_name | %MULTIYEAR%, %MULTI YEAR%, %MISC%, %\_SP, %OFFSET%, %SELLING%, %OTHER%, %CLOUD%,  DT%, BT%,HOSTING%,%EMEAR%, %NORTH%, %SOUTH%, %AMERICAS%, %REGION%, %\_SID\_%,  GSP% | Sql3 |  | GLOBAL SERVICE PROVIDER |
| 4 | STRUCTURE\_NODE\_NAME\_L1=’Americas’  STRUCTURE\_NODE\_NAME\_L3 like 'US\_EGT%' STRUCTURE\_NODE\_NAME\_L7 is NULL | US\_EGT\_REMOTE\_HQ | structure\_node\_name |  | Sql4 |  | Americas |
| 5 | STRUCTURE\_NODE\_NAME\_L2='Americas' STRUCTURE\_NODE\_NAME\_L3 ='US\_CHANNELS'  structure\_node\_name like 'USA\_PC%'  STRUCTURE\_NODE\_NAME\_L7 is NULL | USA\_PC | structure\_node\_name | %SVC%,DNU%, %DVAR%, CMSO%, %CLOUD% | Sql5 |  | Americas |
| 5 | STRUCTURE\_NODE\_NAME\_L2='Americas' STRUCTURE\_NODE\_NAME\_L3 ='US\_CHANNELS'  structure\_node\_name like 'USA\_CH%'  STRUCTURE\_NODE\_NAME\_L7 is NULL | USA\_CH | structure\_node\_name | %SVC%,DNU%, %DVAR%, CMSO%, %CLOUD% | Sql5 |  | Americas |
| 5 | STRUCTURE\_NODE\_NAME\_L2='Americas' STRUCTURE\_NODE\_NAME\_L3 ='US\_CHANNELS'  structure\_node\_name like 'USA\_CH%'  STRUCTURE\_NODE\_NAME\_L7 is NULL | Not USA\_PC\_or\_USA\_CH | structure\_node\_name | %SVC%,DNU%, %DVAR%, CMSO%, %CLOUD%, USA\_PC%, USA\_CH% | Sql5 |  | Americas |
| 6 | STRUCTURE\_NODE\_NAME\_L2='Americas' STRUCTURE\_NODE\_NAME\_L3 like 'LATIN AMERICA%' STRUCTURE\_NODE\_NAME\_L7 like '%CLOUD%'  node\_type='Region' | CLOUD | Structure\_node\_name | % HQ,%REMOTE, %OTHER%, % HQ %,, % RMT % | Sql6 |  | Americas |
| 7 | STRUCTURE\_NODE\_NAME\_L2='Americas'  STRUCTURE\_NODE\_NAME\_L7 like 'CA\_CH\_%’  node\_type='Region' | CA\_CH |  | %CENTRAL%, %REGIONAL%, DNU%, %FED%, RP W%, %CGEM%, RP%WEST% | Sql7 |  | Americas |
| 8 | STRUCTURE\_NODE\_NAME\_L2='Americas' STRUCTURE\_NODE\_NAME\_L3 ='GLOBAL ENTERPRISE SEGMENT'  node\_type='Region'  STRUCTURE\_NODE\_NAME\_L4 like 'GES MWA' or STRUCTURE\_NODE\_NAME\_L4 like 'GES SOUTH' or STRUCTURE\_NODE\_NAME\_L4 like 'GES EAST' or STRUCTURE\_NODE\_NAME\_L4 like 'GES NE'  or STRUCTURE\_NODE\_NAME\_L4 like 'GES WEST' | Multi |  | %SPARE%, %ENTERPRISE%, DNU%, % MISC %,  % HQ, %HQ%,  %MULTI%,  GLL% | Sql8 |  | GES |
| 9 | STRUCTURE\_NODE\_NAME\_L2='Americas' STRUCTURE\_NODE\_NAME\_L3 ='GLOBAL ENTERPRISE SEGMENT'  node\_type='Region'  structure\_node\_name like 'GLL\_P%' or structure\_node\_name like 'GLL\_G%' | GLL\_P\_ GLL\_G\_ |  | %REMOTE,  %SPARE%, %ENTERPRISE%, DNU%, % MISC %,  % HQ, %HQ%,  %MULTI%, | Sql9 |  | GES |
| 10 | STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION'  structure\_node\_name like ‘DE\_CH '  node\_type in ('Area','Operation') | DE\_CH |  | %REMOTE, %REB% | Sql10 |  | EMEAR |
| 10 | STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION'  structure\_node\_name like 'ENT\_GER\_%'  node\_type in ('Area','Operation', 'Region') | ENT\_GER |  | %WEST%, %EAST%, %VPAM%, %SOUTH%, %NORTH%, %DNU\_%, %REMOTE, %REB% | Sql10 |  | EMEAR |
| 10 | STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION'  structure\_node\_name like 'ENT-GER-T1%'  node\_type in ('Area','Operation', 'Region') | ENT-GER-T1 |  |  | Sql10 |  | EMEAR |
| 10 | STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION',  structure\_node\_name not like 'ENT\_GER\_T1%'  , node\_type in ('Area','Operation', 'Region') | ENT-GER | Structure\_node\_name | %WEST%, %EAST%, %CENTRAL%, %SOUTH%, %NORTH%, %VPAM% | Sql10 |  | EMEAR |
| 10 | STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION',  structure\_node\_name not like 'ENT\_GER\_T1%'  , node\_type in ('Area','Operation', 'Region') | ENT GER | Structure\_node\_name | %WEST%, %EAST%, %CENTRAL%, %SOUTH%, %NORTH%, %VPAM% | Sql10 |  | EMEAR |
| 10 | STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION',  STRUCTURE\_NODE\_NAME\_L3='EMEAR-UKI'  structure\_node\_name like 'GLL\_%' | GLL\_ | Structure\_node\_name |  | Sql10 |  | EMEAR |
| 10 | STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION'  , structure\_node\_name like 'GLL\_%' , node\_type in ('Area','Operation', 'Region') | GLL\_ | Structure\_node\_name\_L5 |  | SQL 10 |  | EMEAR |
| 10 | STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION'  structure\_node\_name like 'ENT\_GER\_T1%'  node\_type in ('Area','Operation', 'Region') | ENT\_GER\_T1 | Structure\_node\_name | %WEST%, %EAST%, %VPAM%, %SOUTH%, %NORTH%, % HQ %, %DNU\_%, % HQ, %REMOTE, %REB% | Sql10 |  | EMEAR |
| 10 | STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' , STRUCTURE\_NODE\_NAME\_L3='EMEAR-UKI'  ,structure\_node\_name like 'UK\_ENT%' ) | UK\_ENT | Structure\_node\_name |  | Sql 10 |  | EMEAR |
| 10 | STRUCTURE\_NODE\_NAME\_L2=’EMEAR-REGION’ , STRUCTURE\_NODE\_NAME\_L3=’EMEAR-UKI’  , STRUCTURE\_NODE\_NAME\_L4=’UK EGT’ | UK EGT | Structure\_node\_name |  | Sql 10 |  | EMEAR |
| 10 | STRUCTURE\_NODE\_NAME\_L2=’EMEAR-REGION’ , STRUCTURE\_NODE\_NAME\_L3=’EMEAR-UKI’  , STRUCTURE\_NODE\_NAME like ’UK\_CH’ | UK\_CH | Structure\_node\_name |  | Sql 10 |  | EMEAR |
| 11 | STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' STRUCTURE\_NODE\_NAME\_L3 ='EMEAR\_FRANCE\_OPS' STRUCTURE\_NODE\_NAME\_L4 ='FR\_ENT\_MULTINATIONALS'  STRUCTURE\_NODE\_NAME like 'FR\_MN%'  STRUCTURE\_NODE\_NAME\_L7 is not NULL  node\_type in ('Region') | FR\_MN\_ |  |  | Sql11 |  | EMEAR |
| 11 | STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' STRUCTURE\_NODE\_NAME\_L3 ='EMEAR\_FRANCE\_OPS' STRUCTURE\_NODE\_NAME\_L4 ='FRANCE\_OVERLAYS'  STRUCTURE\_NODE\_NAME like 'FR\_CH%'  STRUCTURE\_NODE\_NAME\_L7 is not NULL  node\_type in ('Area','Region','Operation') | FR\_CH\_ |  | %OTHER% | Sql11 |  | EMEAR |
| 11 | STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' STRUCTURE\_NODE\_NAME\_L3 ='EMEAR\_FRANCE\_OPS' STRUCTURE\_NODE\_NAME\_L4 ='FR\_ENT\_MULTINATIONALS'  STRUCTURE\_NODE\_NAME like 'FR\_%'  node\_type in ('Region') | FR\_ |  | %RETAIL%, FR\_CH%, FR\_MN% | Sql11 |  | EMEAR |
| 11 | STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION'  (STRUCTURE\_NODE\_NAME like '%EGT%'  STRUCTURE\_NODE\_NAME\_L7 is not NULL  node\_type in ('Account') | \_EGT |  | %RETAIL% | Sql11 |  | EMEAR |
| 12 | STRUCTURE\_NODE\_NAME\_L2='APJ'  STRUCTURE\_NODE\_NAME like '%EGT%'  node\_type in ('Account') | \_EGT |  | %INFRA% | Sql12 |  | APJ |
| 12 | STRUCTURE\_NODE\_NAME\_L2='APJ'  structure\_node\_name like '%ENT%'  node\_type='Region'  structure\_node\_name\_l5 like '%MAJOR%' | \_ENT |  | %INFRA%, %PAD%, %ACCENTURE% | Sql12 |  | APJ |
| 12 | STRUCTURE\_NODE\_NAME\_L2='APJ'  structure\_node\_name\_l5 like '%CHANNEL%'  node\_type='Region' | \_CH |  | %INFRA%, %PAD%, %ACCENTURE%,%OTHER% | Sql12 |  | APJ |
| 13 | STRUCTURE\_NODE\_NAME\_L2='GREATER\_CHINA'  structure\_node\_name\_l5 like '%\_CHANNEL%'  node\_type in ('Account','Region') | \_ENT |  | %INFRA%, %PAD%, %DIST%,%OTHER%,  %RMT%,%MISC%, %CLOUD%, %ENT%, %OTT%, %VPAM%, %CLD%, %TM | Sql13 |  | GREATER\_CHINA |
|  |  |  |  |  |  |  |  |
| 14 |  |  |  |  | SQL14 |  | GES |
| 15 | node\_type='Region' STRUCTURE\_NODE\_NAME\_L3 = 'GSP AMERICAS' |  |  |  | SQL15 |  | GLOBAL SERVICE PROVIDER |
| 16 | structure\_node\_name\_L2='Americas' , structure\_node\_name\_l4 ='PS FEDERAL AREA' ,  structure\_node\_name like '%FED-%' | FED- | Structure\_Node\_Name\_L5 |  | SQL16 |  | Americas |
| 17 |  |  |  |  | SQL17 |  | GSP |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

**Maintain above in a table.**

**Sql1**

SELECT structure\_node\_name , substr(structure\_node\_name,11,length(structure\_node\_name)) Company\_Name , 'GSP\_US\_MS' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name like 'GSP\_US\_MS%' *--and substr(structure\_node\_name, -3)=" HQ"*

UNION

SELECT structure\_node\_name , substr(structure\_node\_name,11,length(structure\_node\_name)) Company\_Name , 'GSP\_US\_TH' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name like 'GSP\_US\_TH%' *--and substr(structure\_node\_name, -3)=" HQ"*

**Sql2**

SELECT *--node\_type,*

structure\_node\_name,

case WHEN substr(company\_name,-1 ) = '\_' THEN substr(company\_name,1,length(company\_name)-1)

WHEN substr(company\_name,-3 ) = ' HQ' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '-L4' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_L4' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,1,4 ) = 'GSP\_' THEN substr(company\_name,5,length(company\_name))

WHEN substr(company\_name,1,4 ) = 'GSP ' THEN substr(company\_name,5,length(company\_name))

ELSE company\_name

END company\_name , 'Scrub' Pattern, Theatre, ‘Area’ Criteria , STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6, node\_id

FROM (

SELECT node\_type, structure\_node\_name,

case WHEN substr(company\_name,-1 ) = '\_' THEN substr(company\_name,1,length(company\_name)-1)

WHEN substr(company\_name,-3 ) = '\_HQ' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '-L4' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_L4' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = ' L4' THEN substr(company\_name,1,length(company\_name)-3)

ELSE company\_name

END company\_name , 'Scrub' Pattern, STRUCTURE\_NODE\_NAME\_L2 Theatre, 'Operation' Criteria , STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6, node\_id

FROM (

SELECT node\_type,structure\_node\_name, decode(substr(structure\_node\_name,1,1), '\_', substr(structure\_node\_name,2,length(structure\_node\_name)),structure\_node\_name) Company\_Name,

level\_id, STRUCTURE\_NODE\_NAME\_L2, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6, node\_id

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2 = 'GLOBAL SERVICE PROVIDER'

and upper(structure\_node\_name) not like '%MULTIYEAR%' and structure\_node\_name not like '%MULTI YEAR%' and structure\_node\_name not like '%MISC%'

and structure\_node\_name not like '%\_SP'

and structure\_node\_name not like '%OFFSET%' and structure\_node\_name not like '%SELLING%' and structure\_node\_name not like '%OTHER%'

and structure\_node\_name not like '%CLOUD%' and structure\_node\_name not like 'DT%'

and structure\_node\_name not in (

SELECT structure\_node\_name *--, substr(structure\_node\_name,11,length(structure\_node\_name)) Company\_Name , 'GSP\_US\_MS' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre*

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name like 'GSP\_US\_MS%' *--and substr(structure\_node\_name, -3)=" HQ"*

UNION

SELECT structure\_node\_name *--, substr(structure\_node\_name,11,length(structure\_node\_name)) Company\_Name , 'GSP\_US\_MS' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre*

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name like 'GSP\_US\_TH%' *--and substr(structure\_node\_name, -3)=" HQ"*

)

and ( STRUCTURE\_NODE\_NAME\_L5 is not NULL or STRUCTURE\_NODE\_NAME\_L6 is not NULL )

and node\_type='Area' and structure\_node\_name not like '%EMEAR%' and structure\_node\_name not like '%NORTH%'

and structure\_node\_name not like '%SOUTH%'

and structure\_node\_name not like '%AMERICAS%' and structure\_node\_name not like '%SELECT%' and structure\_node\_name not like '%\_SID\_%'

and structure\_node\_name not like '%\_SS\_%'

)) order by 3

**Sql3**

SELECT distinct *-- company\_name, structure\_node\_name, -- decode(substr(company\_name,-3), '-L4', substr(company\_name,1,length(company\_name)-3), company\_name) company\_name,*

case WHEN substr(company\_name,-3 ) = '\_L5' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-5 ) = '\_LVL5' THEN substr(company\_name,1,length(company\_name)-5)

WHEN substr(company\_name,-1 ) = '\_' THEN substr(company\_name,1,length(company\_name)-1)

WHEN substr(company\_name,-3 ) = '\_L4' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '-L4' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-5 ) = 'HQ L4' THEN substr(company\_name,1,length(company\_name)-5)

WHEN substr(company\_name,-5 ) = 'HQ L5' THEN substr(company\_name,1,length(company\_name)-5)

WHEN substr(company\_name,-5 ) = 'HQ L6' THEN substr(company\_name,1,length(company\_name)-5)

WHEN substr(company\_name,-5 ) = 'LATAM' THEN substr(company\_name,1,length(company\_name)-5)

WHEN substr(company\_name,-6 ) = 'CANADA' THEN substr(company\_name,1,length(company\_name)-6)

WHEN substr(company\_name,-2 ) = 'GC' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-3 ) = 'APJ' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-6 ) = '\_LATAM' THEN substr(company\_name,1,length(company\_name)-6)

WHEN substr(company\_name,-7 ) = '\_CANADA' THEN substr(company\_name,1,length(company\_name)-7)

WHEN substr(company\_name,-3 ) = '\_GC' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-4 ) = '\_APJ' THEN substr(company\_name,1,length(company\_name)-4)

WHEN substr(company\_name,-6 ) = 'LATAM\_' THEN substr(company\_name,1,length(company\_name)-7)

WHEN substr(company\_name,-7 ) = 'CANADA\_' THEN substr(company\_name,1,length(company\_name)-8)

WHEN substr(company\_name,-3 ) = 'GC\_' THEN substr(company\_name,1,length(company\_name)-4)

WHEN substr(company\_name,-3 ) = 'GCT' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-4 ) = 'APJ\_' THEN substr(company\_name,1,length(company\_name)-5)

WHEN substr(company\_name,-13 ) = 'GREATER CHINA' THEN substr(company\_name,1,length(company\_name)-13)

WHEN substr(company\_name,-9 ) = 'CANADA OP' THEN substr(company\_name,1,length(company\_name)-9)

WHEN substr(company\_name,-7 ) = 'EMEA OP' THEN substr(company\_name,1,length(company\_name)-7)

WHEN substr(company\_name,-8 ) = 'LATAM OP' THEN substr(company\_name,1,length(company\_name)-8)

WHEN substr(company\_name,-5 ) = 'US OP' THEN substr(company\_name,1,length(company\_name)-5)

WHEN substr(company\_name,-5 ) = 'HQ OP' THEN substr(company\_name,1,length(company\_name)-5)

WHEN substr(company\_name,-6 ) = 'APJ OP' THEN substr(company\_name,1,length(company\_name)-6)

WHEN substr(company\_name,-2 ) = 'HQ' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-1 ) = '\_' THEN substr(company\_name,1,length(company\_name)-1)

ELSE company\_name

END company\_name , 'Scrub' Pattern, STRUCTURE\_NODE\_NAME\_L2 Theatre, 'Operation' Criteria

*-- level\_id --, STRUCTURE\_NODE\_NAME\_L2, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6*

FROM (

SELECT node\_type,structure\_node\_name, decode(substr(structure\_node\_name,-1,1), '\_', substr(structure\_node\_name,1,length(structure\_node\_name)-1),structure\_node\_name) Company\_Name,

level\_id, STRUCTURE\_NODE\_NAME\_L2, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6

FROM (

SELECT node\_type,structure\_node\_name, decode(substr(structure\_node\_name,1,1), '\_', substr(structure\_node\_name,2,length(structure\_node\_name)),structure\_node\_name) Company\_Name,

level\_id, STRUCTURE\_NODE\_NAME\_L2, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL ) *--or expiration\_date > sysdate-1270 )*

and STRUCTURE\_NODE\_NAME\_L2 = 'GLOBAL SERVICE PROVIDER'

and upper(structure\_node\_name) not like '%MULTIYEAR%' and structure\_node\_name not like '%MULTI YEAR%'

and structure\_node\_name not like '%MULTI\_YEAR%' and structure\_node\_name not like '%MISC%'

and structure\_node\_name not like '%\_SP'

and structure\_node\_name not like '%OFFSET%' and structure\_node\_name not like '%SELLING%' and structure\_node\_name not like '%OTHER%' and structure\_node\_name not like '%CLOUD%'

and structure\_node\_name not in (

SELECT structure\_node\_name *--, substr(structure\_node\_name,11,length(structure\_node\_name)) Company\_Name , 'GSP\_US\_MS' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre*

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name like 'GSP\_US\_MS%' *--and substr(structure\_node\_name, -3)=" HQ"*

UNION

SELECT structure\_node\_name *--, substr(structure\_node\_name,11,length(structure\_node\_name)) Company\_Name , 'GSP\_US\_MS' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre*

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name like 'GSP\_US\_TH%' *--and substr(structure\_node\_name, -3)=" HQ"*

)

and ( STRUCTURE\_NODE\_NAME\_L5 is not NULL or STRUCTURE\_NODE\_NAME\_L6 is not NULL )

and node\_type='Operation'

and structure\_node\_name not like '%EMEAR%' and structure\_node\_name not like '%NORTH%'

and structure\_node\_name not like '%SOUTH%'

and structure\_node\_name not like '%AMERICAS%' and structure\_node\_name not like '%REGION%' and structure\_node\_name not like '%\_SID\_%'

and structure\_node\_name not like '%\_SS\_%' and structure\_node\_name not like 'DT%' and structure\_node\_name not like 'BT%'

and structure\_node\_name not like 'HOSTING%' and structure\_node\_name not like 'GSP%'

) ) order by 2

**Sql4**

SELECT \* from (

SELECT structure\_node\_name, decode(substr(Company\_Name,-1),'\_',substr(Company\_Name,1,length(Company\_Name)-1), Company\_Name) Company\_Name, Pattern, Theatre ,'Americas-SL3' Criteria

FROM (

SELECT Node\_Type,structure\_node\_name , decode(substr(structure\_node\_name,-2),'HQ',substr(structure\_node\_name, 1,length(structure\_node\_name)-2)) Company\_Name ,

' HQ' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

-- and structure\_node\_name not like '% HQ' --and substr(structure\_node\_name, -3)=" HQ"

and structure\_node\_name not like '%REMOTE'

and STRUCTURE\_NODE\_NAME\_L2='Americas' and STRUCTURE\_NODE\_NAME\_L3 like 'US\_EGT%' and STRUCTURE\_NODE\_NAME\_L7 is NULL

-- and structure\_node\_name not like '% HQ %'

and structure\_node\_name not like '% RMT %' --and node\_type='Region'

)

order by 1

) WHere Company\_Name is not NULL

SELECT structure\_node\_name,

CASE WHEN substr(structure\_node\_name, length(structure\_node\_name)-6) = ' REMOTE' THEN

substr(STRUCTURE\_NODE\_NAME, 1, length(STRUCTURE\_NODE\_NAME)-6)

WHEN substr(structure\_node\_name,-2)='HQ' THEN

CASE WHEN substr(structure\_node\_name,instr(structure\_node\_name,'RMT'),3) ='RMT' THEN

substr(structure\_node\_name, 1, instr(structure\_node\_name, 'RMT')-1)

ELSE

substr(structure\_node\_name, 1,length(structure\_node\_name)-3)

END

*-- WHEN STRUCTURE\_NODE\_NAME\_L5 = NULL THEN*

*-- substr(STRUCTURE\_NODE\_NAME\_L4, 8, length(STRUCTURE\_NODE\_NAME\_L5))*

WHEN substr(structure\_node\_name, instr(structure\_node\_name,'\_HQ'),3) = '\_HQ' THEN

substr(structure\_node\_name, 1, instr(structure\_node\_name, '\_HQ')-1)

WHEN substr(structure\_node\_name, instr(structure\_node\_name,'\_HQ'),3) = '\_HQ' THEN

substr(structure\_node\_name, 1, instr(structure\_node\_name, '\_HQ')-1)

WHEN substr(structure\_node\_name, instr(structure\_node\_name,' HQ'),3) = ' HQ' THEN

CASE WHEN substr(structure\_node\_name,instr(structure\_node\_name,'RMT'),3) ='RMT' THEN

substr(structure\_node\_name, 1, instr(structure\_node\_name, 'RMT')-1)

ELSE

*-- substr(structure\_node\_name, 1,length(structure\_node\_name)-3)*

substr(structure\_node\_name, 1, instr(structure\_node\_name, ' HQ')-1)

END

WHEN substr(STRUCTURE\_NODE\_NAME\_L6, length(STRUCTURE\_NODE\_NAME\_L6)-2) = ' HQ' THEN

substr(STRUCTURE\_NODE\_NAME\_L5, 8, length(STRUCTURE\_NODE\_NAME\_L5))

WHEN substr(STRUCTURE\_NODE\_NAME\_L6, length(STRUCTURE\_NODE\_NAME\_L6)-6) = ' REMOTE' THEN

substr(STRUCTURE\_NODE\_NAME\_L6,1, length(STRUCTURE\_NODE\_NAME\_L6)-6)

WHEN substr(STRUCTURE\_NODE\_NAME\_L4, length(STRUCTURE\_NODE\_NAME\_L4)-6) = ' REMOTE' THEN

substr(STRUCTURE\_NODE\_NAME\_L4,1, length(STRUCTURE\_NODE\_NAME\_L4)-6)

WHEN substr(STRUCTURE\_NODE\_NAME\_L6, length(STRUCTURE\_NODE\_NAME\_L6)-6) = '\_REMOTE' THEN

substr(STRUCTURE\_NODE\_NAME\_L6,1, length(STRUCTURE\_NODE\_NAME\_L6)-7)

WHEN substr(STRUCTURE\_NODE\_NAME\_L5, length(STRUCTURE\_NODE\_NAME\_L5)-6) = ' REMOTE' THEN

substr(STRUCTURE\_NODE\_NAME\_L5,1, length(STRUCTURE\_NODE\_NAME\_L5)-7)

WHEN substr(STRUCTURE\_NODE\_NAME,1, 7) = 'US\_EGT\_' THEN *-- Select substr('US\_EGT\_VMWARE',1,6) from dual*

substr(STRUCTURE\_NODE\_NAME,8, length(STRUCTURE\_NODE\_NAME))

WHEN substr(STRUCTURE\_NODE\_NAME\_l5,1, 7) = 'US\_EGT\_' THEN

substr(STRUCTURE\_NODE\_NAME\_l5,8, length(STRUCTURE\_NODE\_NAME\_l5))

*--*

END Company2,

Pattern, Theatre ,'Americas-SL3' Criteria

, STRUCTURE\_NODE\_NAME\_L3, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

FROM (

SELECT Node\_Type,structure\_node\_name , decode(substr(structure\_node\_name,-2),'HQ',substr(structure\_node\_name, 1,length(structure\_node\_name)-2)) Company\_Name ,

'US\_EGT\_REMOTE\_HQ' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre , STRUCTURE\_NODE\_NAME\_L3, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6, STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

*-- and structure\_node\_name not like '% HQ' --and substr(structure\_node\_name, -3)=" HQ"*

*-- and structure\_node\_name like '%REMOTE'*

and STRUCTURE\_NODE\_NAME\_L2='Americas' and STRUCTURE\_NODE\_NAME\_L3 like 'US\_EGT%' *--and STRUCTURE\_NODE\_NAME\_L7 is NULL*

*-- and structure\_node\_name like 'YAHOO%'*

*-- and structure\_node\_name not like '% RMT %' --and node\_type='Region'*

)

order by 2

Sql5

SELECT distinct structure\_node\_name, Company\_Name, Pattern, Theatre, Criteria FROM (

SELECT distinct structure\_node\_name, decode(substr(COMpany\_Name,1,1),'\_',substr(COMpany\_Name,2),COMpany\_Name) Company\_Name, Pattern, Theatre , Criteria

FROM (

SELECT structure\_node\_name , substr(structure\_node\_name,8,length(structure\_node\_name)) Company\_Name , 'USA\_PC' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre, 'Americas-US\_CHANNELS' Criteria

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name not like '%SVC%' --and substr(structure\_node\_name, -3)=" HQ"

and structure\_node\_name not like '%CLOUD%'

and STRUCTURE\_NODE\_NAME\_L2='Americas' and STRUCTURE\_NODE\_NAME\_L3 ='US\_CHANNELS'

and STRUCTURE\_NODE\_NAME\_L7 is NULL

and structure\_node\_name not like 'DNU%' and structure\_node\_name not like '%DVAR%'

and structure\_node\_name not like 'CMSO%' and structure\_node\_name like 'USA\_PC%'

-- and node\_type='Consolidation'

)

UNION

SELECT distinct structure\_node\_name, decode(substr(COMpany\_Name,1,1),'\_',substr(COMpany\_Name,2),COMpany\_Name) Company\_Name, Pattern, Theatre ,'Americas-US\_CHANNELS' Criteria

FROM (

SELECT structure\_node\_name , substr(structure\_node\_name,6,length(structure\_node\_name)) Company\_Name , 'US\_CH' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name not like '%SVC%' --and substr(structure\_node\_name, -3)=" HQ"

and structure\_node\_name not like '%CLOUD%'

and STRUCTURE\_NODE\_NAME\_L2='Americas' and STRUCTURE\_NODE\_NAME\_L3 ='US\_CHANNELS'

and STRUCTURE\_NODE\_NAME\_L7 is NULL

and structure\_node\_name not like 'DNU%' and structure\_node\_name not like '%DVAR%'

and structure\_node\_name not like 'CMSO%' and structure\_node\_name like 'US\_CH%'

-- and node\_type='Consolidation'

) UNION

SELECT distinct structure\_node\_name, decode(substr(COMpany\_Name,1,1),'\_',substr(COMpany\_Name,2),COMpany\_Name) Company\_Name, Pattern, Theatre , 'Americas-US\_CHANNELS' Criteria

FROM (

SELECT structure\_node\_name , substr(structure\_node\_name,8,length(structure\_node\_name)) Company\_Name , 'Not USA\_PC\_or\_USA\_CH' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name not like '%SVC%' --and substr(structure\_node\_name, -3)=" HQ"

and structure\_node\_name not like '%CLOUD%'

and STRUCTURE\_NODE\_NAME\_L2='Americas' and STRUCTURE\_NODE\_NAME\_L3 ='US\_CHANNELS'

and STRUCTURE\_NODE\_NAME\_L7 is NULL

and structure\_node\_name not like 'DNU%' and structure\_node\_name not like '%DVAR%'

and structure\_node\_name not like 'CMSO%' and (structure\_node\_name not like 'USA\_PC%' or structure\_node\_name not like 'US\_CH%')

-- and node\_type='Consolidation'

) order by 2

)

**Sql6**

SELECT \* from (

SELECT structure\_node\_name , substr(structure\_node\_name,6,length(structure\_node\_name)) Company\_Name , 'CLOUD' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name not like '% HQ' --and substr(structure\_node\_name, -3)=" HQ"

and structure\_node\_name not like '%REMOTE' and structure\_node\_name not like '%OTHER%'

and STRUCTURE\_NODE\_NAME\_L2='Americas' and STRUCTURE\_NODE\_NAME\_L3 like 'LATIN AMERICA%' and STRUCTURE\_NODE\_NAME\_L7 like '%CLOUD%'

and structure\_node\_name not like '% HQ %'

and structure\_node\_name not like '% RMT %' and node\_type='Region')

**Sql7**

SELECT structure\_node\_name,

CASE

WHEN substr(company\_name,1,3 ) = 'IN\_' THEN substr(company\_name,4,length(company\_name))

WHEN substr(company\_name,1,2 ) = 'G\_' THEN substr(company\_name,3,length(company\_name))

WHEN substr(company\_name,-7 ) = '\_QUEBEC' THEN substr(company\_name,1,length(company\_name)-7)

WHEN substr(company\_name,-8 ) = '\_QUEBEC\_' THEN substr(company\_name,1,length(company\_name)-8)

WHEN substr(company\_name,-7 ) = ' QUEBEC' THEN substr(company\_name,1,length(company\_name)-7)

WHEN substr(company\_name,-5 ) = ' WEST' THEN substr(company\_name,1,length(company\_name)-5)

ELSE company\_name

END company\_name , Pattern, Theatre, 'Region' Criteria FROM (

SELECT structure\_node\_name , substr(structure\_node\_name,7,length(structure\_node\_name)) Company\_Name , 'CA\_CH' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name not like '%CENTRAL%' --and substr(structure\_node\_name, -3)=" HQ"

and structure\_node\_name not like '%REGIONAL%'

and STRUCTURE\_NODE\_NAME\_L2='Americas' --and STRUCTURE\_NODE\_NAME\_L3 like 'LATIN AMERICA%'

and STRUCTURE\_NODE\_NAME\_L7 like 'CA\_CH\_%'

and structure\_node\_name not like 'DNU%' and structure\_node\_name not like '%FED%' and structure\_node\_name not like 'RP W%'

and structure\_node\_name not like '%CGEM%' and node\_type='Region') WHERE company\_name not like 'RP%WEST%'

**Sql8**

SELECT *--effective\_date, expiration\_date,*

structure\_node\_name ,

case WHEN substr(company\_name,-3 ) = '\_SR' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_GG' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-2 ) = '\_2' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-1 ) = '\_' THEN substr(company\_name,1,length(company\_name)-1)

WHEN substr(company\_name,-1 ) = '2' THEN substr(company\_name,1,length(company\_name)-1)

WHEN substr(company\_name,-4 ) = 'EAST' THEN substr(company\_name,1,length(company\_name)-4)

ELSE company\_name

END company\_name , Pattern, Theatre, Criteria

FROM (

SELECT structure\_node\_name , structure\_node\_name Company\_Name , 'None' Pattern , STRUCTURE\_NODE\_NAME\_L3 Theatre ,

'Region\_GES' Criteria

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name not like '% HQ' *--and substr(structure\_node\_name, -3)=" HQ"*

and structure\_node\_name not like '%REMOTE' and structure\_node\_name not like '%SPARE%'

and STRUCTURE\_NODE\_NAME\_L2='Americas' and STRUCTURE\_NODE\_NAME\_L3 ='GLOBAL ENTERPRISE SEGMENT'

and STRUCTURE\_NODE\_NAME not like '%MULTI%YR%'

and structure\_node\_name not like '% HQ %' and ( structure\_node\_name not like 'GLL\_P%' and structure\_node\_name not like 'GLL\_G%')

and structure\_node\_name not like '%DNU\_%' *--and node\_type='Region'*

and structure\_node\_name\_l4 !='GES SOLUTIONS SELLING' and structure\_node\_name\_l4 !='GLOBALS OVERLAY'

)

SELECT structure\_node\_name\_l5 , structure\_node\_name, substr(structure\_node\_name\_l5,7,length(structure\_node\_name\_l5)) Company\_Name , 'GLL\_P\_ GLL\_G\_' Pattern , STRUCTURE\_NODE\_NAME\_L3 Theatre ,

'Region\_GES' Criteria

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name not like '% HQ' *--and substr(structure\_node\_name, -3)=" HQ"*

and structure\_node\_name not like '%REMOTE' and structure\_node\_name not like '%SPARE%'

and STRUCTURE\_NODE\_NAME\_L2='Americas' and STRUCTURE\_NODE\_NAME\_L3 ='GLOBAL ENTERPRISE SEGMENT'

and STRUCTURE\_NODE\_NAME not like '%MULTI%YEAR%'

and structure\_node\_name not like '% HQ %' and ( structure\_node\_name like 'GLL\_P%' or structure\_node\_name like 'GLL\_G%')

and structure\_node\_name not like '%DNU\_%' *--and node\_type='Region'*

SELECT structure\_node\_name,

CASE

WHEN substr(company\_name,1,3 ) = 'IN\_' THEN substr(company\_name,4,length(company\_name))

WHEN substr(company\_name,1,2 ) = 'G\_' THEN substr(company\_name,3,length(company\_name))

ELSE company\_name

END company\_name , Pattern, Theatre, Criteria FROM (

SELECT *--effective\_date, expiration\_date,*

structure\_node\_name , case WHEN substr(structure\_node\_name,-2 ) = '\_2' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-2)

WHEN substr(structure\_node\_name,-1 ) = '\_' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-1)

WHEN substr(structure\_node\_name,-3 ) = '\_US' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-3)

WHEN substr(structure\_node\_name,-5 ) = '\_EAST' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-5)

WHEN substr(structure\_node\_name,-4 ) = 'EAST' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-4)

WHEN substr(structure\_node\_name,-1 ) = '1' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-1)

WHEN substr(structure\_node\_name,-1 ) = '2' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-1)

WHEN substr(structure\_node\_name,-1 ) = '3' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-1)

WHEN substr(structure\_node\_name,-1 ) = '4' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-1)

WHEN substr(structure\_node\_name,-1 ) = '5' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-1)

WHEN substr(structure\_node\_name,-7 ) = '\_SOUTH' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-6)

WHEN substr(structure\_node\_name,-5 ) = '-WEST' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-5)

WHEN substr(structure\_node\_name,-3 ) = '\_FR' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-3)

WHEN substr(structure\_node\_name,-3 ) = '\_SR' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-3)

WHEN substr(structure\_node\_name,-3 ) = '\_PC' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-3)

WHEN substr(structure\_node\_name,-3 ) = '\_GW' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-3)

WHEN substr(structure\_node\_name,-3 ) = '\_SW' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-3)

WHEN substr(structure\_node\_name,-3 ) = '\_NC' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-3)

WHEN substr(structure\_node\_name,-3 ) = '\_BA' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-3)

WHEN substr(structure\_node\_name,-3 ) = '\_GG' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-3)

WHEN substr(structure\_node\_name,-4 ) = '\_SCR' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-4)

WHEN substr(structure\_node\_name,-2 ) = '\_1' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-2)

WHEN substr(structure\_node\_name,-8 ) = '\_APJ\_OTH' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-8)

WHEN substr(structure\_node\_name,-9 ) = '\_MULTI\_YR' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-9)

WHEN substr(structure\_node\_name,1,3 ) = 'IN\_' THEN substr(structure\_node\_name,4,length(structure\_node\_name))

WHEN substr(structure\_node\_name,1,2 ) = 'G\_' THEN substr(structure\_node\_name,3,length(structure\_node\_name))

ELSE structure\_node\_name

END company\_name , 'Multi' Pattern, STRUCTURE\_NODE\_NAME\_L4 Theatre, 'Region\_GES' Criteria

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name not like 'GLL%' *--and substr(structure\_node\_name, -3)=" HQ"*

and structure\_node\_name not like 'DNU%' and structure\_node\_name not like '% HQ' and structure\_node\_name not like '%MULTI%' and structure\_node\_name not like '% HQ%'

and structure\_node\_name not like '%REMOTE' and structure\_node\_name not like '% RMT %' and structure\_node\_name not like '% MISC %'

and structure\_node\_name not like '%SPARE%' and structure\_node\_name not like '%ENTERPRISE%'

and STRUCTURE\_NODE\_NAME\_L2='Americas' and STRUCTURE\_NODE\_NAME\_L3 ='GLOBAL ENTERPRISE SEGMENT'

and node\_type='Region'

and ( STRUCTURE\_NODE\_NAME\_L4 like 'GES MWA' or STRUCTURE\_NODE\_NAME\_L4 like 'GES SOUTH' or STRUCTURE\_NODE\_NAME\_L4 like 'GES EAST' or STRUCTURE\_NODE\_NAME\_L4 like 'GES NE'

or STRUCTURE\_NODE\_NAME\_L4 like 'GES WEST' )

*-- and structure\_node\_name='BOOZ\_ALLEN\_HAMILTON\_INCORPORATED'*

*-- and structure\_node\_name like '%MICRON%'*

)*-- WHERE structure\_node\_name != Company\_Name and structure\_node\_name='BOOZ\_ALLEN\_HAMILTON\_INCORPORATED'*

order by 4,2

UNION

SELECT *--effective\_date, expiration\_date,*

structure\_node\_name ,

CASE WHEn substr(structure\_node\_name\_l5,-10)='MULTI-YEAR' THEN

case WHEN substr(structure\_node\_name\_l6,1,6 ) = 'GLL\_P\_' THEN substr(structure\_node\_name\_l6,7,length(structure\_node\_name\_l6))

WHEN substr(structure\_node\_name\_l6,1,6 ) = 'GLL\_G\_' THEN substr(structure\_node\_name\_l6,7,length(structure\_node\_name\_l6))

WHEN substr(structure\_node\_name\_l6,1,7 ) = 'GLL\_MY\_' THEN substr(structure\_node\_name\_l6,8,length(structure\_node\_name\_l6))

*-- ELSE structure\_node\_name\_l6*

END

ELSE

case WHEN substr(structure\_node\_name\_l5,1,6 ) = 'GLL\_P\_' THEN substr(structure\_node\_name\_l5,7,length(structure\_node\_name\_l5))

WHEN substr(structure\_node\_name\_l5,1,6 ) = 'GLL\_G\_' THEN substr(structure\_node\_name\_l5,7,length(structure\_node\_name\_l5))

ELSE structure\_node\_name\_l5

END

END company\_name , 'GLL' Pattern, STRUCTURE\_NODE\_NAME\_L3 Theatre, 'Acc\_Region\_GES' Criteria

*--, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6*

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name like 'GLL\_%' *--and substr(structure\_node\_name, -3)=" HQ"*

*-- and structure\_node\_name not like 'DNU%'*

and structure\_node\_name not like '% HQ' and structure\_node\_name not like '%MULTI%' and structure\_node\_name not like '% HQ%'

and structure\_node\_name not like '%REMOTE' and structure\_node\_name not like '% RMT %' and structure\_node\_name not like '% MISC %'

and structure\_node\_name not like '%SPARE%' and structure\_node\_name not like '%ENTERPRISE%'

and STRUCTURE\_NODE\_NAME\_L2='Americas' and STRUCTURE\_NODE\_NAME\_L3 ='GLOBAL ENTERPRISE SEGMENT'

and node\_type IN ('Account','Region')

and ( STRUCTURE\_NODE\_NAME\_L4 like 'GES MWA' or STRUCTURE\_NODE\_NAME\_L4 like 'GES SOUTH' or STRUCTURE\_NODE\_NAME\_L4 like 'GES EAST' or STRUCTURE\_NODE\_NAME\_L4 like 'GES NE'

or STRUCTURE\_NODE\_NAME\_L4 like 'GES WEST' )

*-- and STRUCTURE\_NODE\_NAME\_L5 like '%MULTI-%'*

**Sql9**

--SELECT Distinct company\_name\_2 from (

SELECT \* from (

SELECT distinct structure\_node\_name, company\_name\_2 , Pattern, Theatre, Criteria from (

SELECT structure\_node\_name,

case WHEN substr(company\_name\_2,-3 ) = '\_L5' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name\_2,-3 ) = '\_L4' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name\_2,-3 ) = '-L4' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name\_2,-5 ) = 'HQ L4' THEN substr(company\_name,1,length(company\_name)-5)

WHEN substr(company\_name\_2,-5 ) = 'HQ L5' THEN substr(company\_name,1,length(company\_name)-5)

WHEN substr(company\_name\_2,-6 ) = '\_EMEAR' THEN substr(company\_name,1,length(company\_name)-6)

WHEN substr(company\_name\_2,-10 ) = '\_LATAM\_OTH' THEN substr(company\_name,1,length(company\_name)-10)

WHEN substr(company\_name\_2,-6 ) = '\_LATAM' THEN substr(company\_name,1,length(company\_name)-6)

WHEN substr(company\_name\_2,-7 ) = '\_CANADA' THEN substr(company\_name,1,length(company\_name)-7)

WHEN substr(company\_name\_2,-3 ) = '\_GB' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name\_2,-4 ) = '\_APJ' THEN substr(company\_name,1,length(company\_name)-4)

WHEN substr(company\_name\_2,-3 ) = '\_GC' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name\_2,-8 ) = '\_APJ\_OTH' THEN substr(company\_name,1,length(company\_name)-8)

WHEN substr(company\_name\_2,-9 ) = '\_MULTI\_YR' THEN substr(company\_name,1,length(company\_name)-9)

WHEN substr(company\_name\_2,-4 ) = '\_APJ' THEN substr(company\_name,1,length(company\_name)-4)

WHEN substr(company\_name\_2,-10 ) = '\_EMEAR\_OTH' THEN substr(company\_name,1,length(company\_name)-10)

ELSE company\_name\_2

END company\_name\_2 , Pattern, Theatre, Criteria

from (

SELECT structure\_node\_name , structure\_node\_name company\_name\_2,substr(structure\_node\_name,7,length(structure\_node\_name)) Company\_Name , 'GLL\_P\_ GLL\_G\_' Pattern , STRUCTURE\_NODE\_NAME\_L3 Theatre ,

'GES' Criteria

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name not like '% HQ' --and substr(structure\_node\_name, -3)=" HQ"

and structure\_node\_name not like '%REMOTE' and structure\_node\_name not like '%SPARE%'

and STRUCTURE\_NODE\_NAME\_L2='Americas' and STRUCTURE\_NODE\_NAME\_L3 ='GLOBAL ENTERPRISE SEGMENT'

-- and STRUCTURE\_NODE\_NAME\_L7 like 'CA\_CH\_%'

and structure\_node\_name not like '% HQ %' and ( structure\_node\_name like 'GLL\_P%' or structure\_node\_name like 'GLL\_G%')

and structure\_node\_name not like '%DNU\_%' and node\_type='Region'

)

) WHERE structure\_node\_name != Company\_Name\_2

) WHERE structure\_node\_name != Company\_Name\_2 Order by 2

**SQl10**

SELECT structure\_node\_name,

case

WHEN substr(company\_name,-1 ) = '\_' THEN substr(company\_name,1,length(company\_name)-1)

WHEN substr(company\_name,-3 ) = '\_HQ' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_L5' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_L6' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = ' L5' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = ' L6' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_L4' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '-L5' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = ' 1' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = ' 2' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = '\_1' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = '\_2' THEN substr(company\_name,1,length(company\_name)-10)

WHEN substr(company\_name,-6 ) = '\_LATAM' THEN substr(company\_name,1,length(company\_name)-6)

WHEN substr(company\_name,-7 ) = '\_CANADA' THEN substr(company\_name,1,length(company\_name)-7)

WHEN substr(company\_name,-3 ) = '\_GB' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-4 ) = '\_APJ' THEN substr(company\_name,1,length(company\_name)-4)

WHEN substr(company\_name,-3 ) = '\_GC' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-8 ) = '\_APJ\_OTH' THEN substr(company\_name,1,length(company\_name)-8)

WHEN substr(company\_name,-9 ) = '\_MULTI\_YR' THEN substr(company\_name,1,length(company\_name)-9)

WHEN substr(company\_name,-4 ) = '\_APJ' THEN substr(company\_name,1,length(company\_name)-4)

WHEN substr(company\_name,-10 ) = '\_EMEAR\_OTH' THEN substr(company\_name,1,length(company\_name)-10)

ELSE company\_name

END company\_name , Pattern, Theatre, Criteria

from (

SELECT structure\_node\_name , substr(structure\_node\_name,7,length(structure\_node\_name)) Company\_Name , 'DE\_CH' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Area\_Operation' Criteria

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name not like '%REMOTE' and structure\_node\_name not like '%REB%'

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' and structure\_node\_name like 'DE\_CH%' and structure\_node\_name not like '%DNU\_%' and node\_type in ('Area','Operation')

**UNION**

SELECT structure\_node\_name , substr(structure\_node\_name,9,length(structure\_node\_name)) Company\_Name , 'ENT\_GER' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Area\_Operation\_Region' Criteria

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL ) --or expiration\_date > sysdate-1270 )

and structure\_node\_name not like '% HQ' --and substr(structure\_node\_name, -3)=" HQ"

and structure\_node\_name not like '%REMOTE' and structure\_node\_name not like '%REB%'

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' --and STRUCTURE\_NODE\_NAME\_L3 ='GLOBAL ENTERPRISE SEGMENT'

and ( STRUCTURE\_NODE\_NAME not like '%WEST%' and STRUCTURE\_NODE\_NAME not like '%SOUTH%' and STRUCTURE\_NODE\_NAME not like '%NORTH%' and

STRUCTURE\_NODE\_NAME not like '%EAST%' and STRUCTURE\_NODE\_NAME not like '%VPAM%' )

and structure\_node\_name not like '% HQ %' and ( structure\_node\_name not like 'ENT\_GER\_T1%' and structure\_node\_name like 'ENT\_GER\_%')

and structure\_node\_name not like '%DNU\_%' and node\_type in ('Area','Operation', 'Region')

**UNION**

SELECT structure\_node\_name , substr(structure\_node\_name,12,length(structure\_node\_name)) Company\_Name , 'ENT-GER-T1' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Area\_Operation\_Region' Criteria

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION'

and ( structure\_node\_name like 'ENT-GER-T1%')

and node\_type in ('Area','Operation', 'Region')

**UNION**

SELECT structure\_node\_name , substr(structure\_node\_name\_l5,5,length(structure\_node\_name\_l5)) Company\_Name , 'GLL\_' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Area\_Operation\_Region' Criteria, STRUCTURE\_NODE\_NAME\_L3, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6, STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION'

and ( structure\_node\_name like 'GLL\_%' ) and node\_type in ('Area','Operation', 'Region')

**UNION**

SELECT structure\_node\_name , substr(structure\_node\_name\_l5,5,length(structure\_node\_name\_l5)) Company\_Name , 'GLL\_' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Area\_Operation\_Region' Criteria, STRUCTURE\_NODE\_NAME\_L3, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6, STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION'

and structure\_node\_name not like '% HQ %' and ( structure\_node\_name like 'GLL\_%' ) *-- or structure\_node\_name like 'ENT\_GER\_T1%')*

and structure\_node\_name not like '%DNU\_%' and node\_type in ('Area','Operation', 'Region')

*-- and STRUCTURE\_NODE\_NAME\_L6 like '%HQ%'*

and STRUCTURE\_NODE\_NAME\_L7 is not NULL

**UNION**

SELECT structure\_node\_name , substr(structure\_node\_name,9,length(structure\_node\_name)) Company\_Name , 'ENT-GER' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Area\_Operation\_Region' Criteria

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL ) *--or expiration\_date > sysdate-1270 )*

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' *--and STRUCTURE\_NODE\_NAME\_L3 ='GLOBAL ENTERPRISE SEGMENT'*

and ( structure\_node\_name not like 'ENT\_GER\_T1%' and structure\_node\_name like 'ENT-GER\_%')

and node\_type in ('Area','Operation', 'Region')

**UNION**

SELECT structure\_node\_name , substr(structure\_node\_name,9,length(structure\_node\_name)) Company\_Name , 'ENT GER' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Area\_Operation\_Region' Criteria

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL ) *--or expiration\_date > sysdate-1270 )*

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' *--and STRUCTURE\_NODE\_NAME\_L3 ='GLOBAL ENTERPRISE SEGMENT'*

and ( STRUCTURE\_NODE\_NAME not like '%WEST%' and STRUCTURE\_NODE\_NAME not like '%SOUTH%' and STRUCTURE\_NODE\_NAME not like '%NORTH%'

and STRUCTURE\_NODE\_NAME not like '%CENTRAL%'

and STRUCTURE\_NODE\_NAME not like '%EAST%' and STRUCTURE\_NODE\_NAME not like '%VPAM%' )

and ( structure\_node\_name not like 'ENT\_GER\_T1%' and structure\_node\_name like 'ENT GER\_%')

and node\_type in ('Area','Operation', 'Region')

**UNION**

SELECT structure\_node\_name , substr(structure\_node\_name,8,length(structure\_node\_name)) Company\_Name , 'UK\_ENT' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Area\_Operation\_Region' Criteria

--, STRUCTURE\_NODE\_NAME\_L3, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6, STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' and STRUCTURE\_NODE\_NAME\_L3='EMEAR-UKI'

and ( structure\_node\_name like 'UK\_ENT%' ) and node\_type in ('Area','Operation', 'Region')

**UNION**

SELECT structure\_node\_name ,

case WHEN substr(structure\_node\_name,-2 ) = 'HQ' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-3)

WHEN substr(structure\_node\_name,-6 ) = 'REMOTE' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-7)

WHEN substr(structure\_node\_name,-5 ) = 'HQ EU' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-6)

WHEN substr(structure\_node\_name,-8 ) = 'RMT APAC' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-9)

WHEN substr(structure\_node\_name,-7 ) = 'RMT CAN' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-8)

WHEN substr(structure\_node\_name,-7 ) = 'RMT GCH' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-8)

WHEN substr(structure\_node\_name,-9 ) = 'RMT EMNLA' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-10)

WHEN substr(structure\_node\_name,-9 ) = 'RMT JAPAN' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-10)

WHEN substr(structure\_node\_name,-9 ) = 'RMT LATAM' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-10)

WHEN substr(structure\_node\_name,-6 ) = 'RMT US' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-7)

WHEN substr(structure\_node\_name,-9 ) = 'RMT US HQ' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-10)

WHEN substr(structure\_node\_name,-11 ) = 'RMT US ROUS' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-12)

WHEN substr(structure\_node\_name,-5 ) = 'HQ US' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-6)

WHEN substr(structure\_node\_name,-6 ) = 'RMT EU' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-7)

WHEN substr(structure\_node\_name,-10 ) = 'RMT USROUS' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-11)

WHEN substr(structure\_node\_name\_l7,1,6 ) = 'UK\_EGT\_' THEN substr(structure\_node\_name\_l7,8,length(structure\_node\_name\_l7))

ELSE substr(structure\_node\_name\_l7,8,length(structure\_node\_name\_l7))

END Company\_Name ,

'UK EGT' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'UK EGT ' Criteria

*-- , STRUCTURE\_NODE\_NAME\_L3, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6, STRUCTURE\_NODE\_NAME\_L7*

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' and STRUCTURE\_NODE\_NAME\_L3='EMEAR-UKI'

and ( STRUCTURE\_NODE\_NAME\_L4='UK EGT' )

*-- and node\_type in ('Area','Operation', 'Region')*

order by structure\_node\_name, structure\_node\_name\_l4

**UNION**

SELECT structure\_node\_name , substr(structure\_node\_name,7,length(structure\_node\_name)) Company\_Name , 'UK\_CH' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Area\_Operation' Criteria

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name not like '%REMOTE' and structure\_node\_name not like '%REB%'

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' and STRUCTURE\_NODE\_NAME\_L3='EMEAR-UKI'

and structure\_node\_name like 'UK\_CH%' and node\_type in ('Area','Operation')

**UNION**

SELECT structure\_node\_name , substr(structure\_node\_name\_l5,5,length(structure\_node\_name\_l5)) Company\_Name , 'GLL\_' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'EMEAR\_UKI' Criteria *--, STRUCTURE\_NODE\_NAME\_L3, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6, STRUCTURE\_NODE\_NAME\_L7*

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' and STRUCTURE\_NODE\_NAME\_L3='EMEAR-UKI'

and ( structure\_node\_name like 'GLL%' )

)

**SQL11**

SELECT structure\_node\_name,

case WHEN substr(company\_name,-3 ) = '\_L5' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_L6' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = ' L5' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = ' L6' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_L4' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '-L5' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = ' 1' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = ' 2' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = '\_1' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = '\_2' THEN substr(company\_name,1,length(company\_name)-10)

WHEN substr(company\_name,-3 ) = '\_AM' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-5 ) = '\_VSAM' THEN substr(company\_name,1,length(company\_name)-5)

ELSE company\_name

END company\_name , Pattern, Theatre, Criteria , STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

from (

SELECT structure\_node\_name, substr(structure\_node\_name,7,length(structure\_node\_name)) Company\_Name , 'FR\_MN\_' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Area\_EMEAR\_FRANCE\_OPS' Criteria, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' and STRUCTURE\_NODE\_NAME\_L3 ='EMEAR\_FRANCE\_OPS' and STRUCTURE\_NODE\_NAME\_L4 ='FR\_ENT\_MULTINATIONALS'

and STRUCTURE\_NODE\_NAME like 'FR\_MN%'

and STRUCTURE\_NODE\_NAME\_L7 is not NULL

and node\_type in ('Region')

UNION

SELECT structure\_node\_name, substr(structure\_node\_name,7,length(structure\_node\_name)) Company\_Name , 'FR\_CH\_' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Area\_EMEAR\_FRANCE\_OPS' Criteria, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' and STRUCTURE\_NODE\_NAME\_L3 ='EMEAR\_FRANCE\_OPS' and STRUCTURE\_NODE\_NAME\_L4 ='FRANCE\_OVERLAYS'

and STRUCTURE\_NODE\_NAME like 'FR\_CH%'

and STRUCTURE\_NODE\_NAME\_L7 is not NULL and structure\_node\_name not like '%OTHER%'

and node\_type in ('Area','Region','Operation')

UNION

SELECT structure\_node\_name, substr(structure\_node\_name,4,length(structure\_node\_name)) Company\_Name , 'FR\_' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Area\_EMEAR\_FRANCE\_OPS' Criteria, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION' and STRUCTURE\_NODE\_NAME\_L3 ='EMEAR\_FRANCE\_OPS' and STRUCTURE\_NODE\_NAME\_L4 ='FR\_ENT\_MULTINATIONALS'

and STRUCTURE\_NODE\_NAME like 'FR\_%' and (STRUCTURE\_NODE\_NAME not like 'FR\_CH%' and STRUCTURE\_NODE\_NAME not like 'FR\_MN%')

and STRUCTURE\_NODE\_NAME\_L7 is not NULL and structure\_node\_name not like '%RETAIL%'

and node\_type in ('Region')

UNION

Select structure\_node\_name, substr(structure\_node\_name, length(substr(structure\_node\_name,1,instr(structure\_node\_name,'EGT')+2))+2 ,

length(structure\_node\_name)) Company\_Name , '\_EGT' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Area\_EMEAR\_FRANCE\_OPS' Criteria, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2='EMEAR-REGION'

and (STRUCTURE\_NODE\_NAME like '%EGT%')

and STRUCTURE\_NODE\_NAME\_L7 is not NULL and structure\_node\_name not like '%RETAIL%'

and node\_type in ('Account') )

**SQL12**

SELECT structure\_node\_name,

case WHEN substr(company\_name,-3 ) = '\_MS' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_RS' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-4 ) = '\_CLD' THEN substr(company\_name,1,length(company\_name)-4)

WHEN substr(company\_name,-3 ) = ' L6' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_L4' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '-L5' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = ' 1' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = ' 2' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = '\_1' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = '\_2' THEN substr(company\_name,1,length(company\_name)-10)

WHEN substr(company\_name,-3 ) = '\_AM' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-5 ) = '\_VSAM' THEN substr(company\_name,1,length(company\_name)-5)

ELSE company\_name

END company\_name , Pattern, Theatre, Criteria --, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

from (

Select structure\_node\_name, substr(structure\_node\_name, length(substr(structure\_node\_name,1,instr(structure\_node\_name,'EGT')+2))+2 ,

length(structure\_node\_name)) Company\_Name , '\_EGT' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Account\_APJ' Criteria, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2='APJ'

and STRUCTURE\_NODE\_NAME like '%EGT%'

-- and STRUCTURE\_NODE\_NAME\_L7 is not NULL

and structure\_node\_name not like '%INFRA%'

and node\_type in ('Account')

UNION

Select structure\_node\_name, substr(structure\_node\_name, length(substr(structure\_node\_name,1,instr(structure\_node\_name,'ENT\_MAJOR')+9))+1 ,

length(structure\_node\_name)) Company\_Name , '\_ENT' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Region\_L5\_MAJOR' Criteria, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2='APJ' and structure\_node\_name like '%ENT%' --'GLL%HQ' and structure\_node\_name\_l7 is NULL

and structure\_node\_name not like '%INFRA%' and structure\_node\_name not like '%PAD%'

and node\_type='Region' and structure\_node\_name not like '%ACCENTURE%' and structure\_node\_name\_l5 like '%MAJOR%' --'%CHANNEL%'

UNION

Select structure\_node\_name, substr(structure\_node\_name, length(substr(structure\_node\_name,1,instr(structure\_node\_name,'CH')+2))+1 ,

length(structure\_node\_name)) Company\_Name , '\_CH' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Region\_L5\_CHANNEL' Criteria, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL ) --or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2='APJ' --and structure\_node\_name like '%ENT%' --'GLL%HQ' and structure\_node\_name\_l7 is NULL

and structure\_node\_name not like '%INFRA%' and structure\_node\_name not like '%PAD%' and structure\_node\_name not like '%DIST%'

and node\_type='Region' and structure\_node\_name not like '%ACCENTURE%' and structure\_node\_name\_l5 like '%CHANNEL%' and structure\_node\_name not like '%OTHER%'

UNION

Select structure\_node\_name, substr(structure\_node\_name\_l5,5,length(structure\_node\_name\_l5)) Company\_Name , 'GLL\_' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'APJ\_GLL' Criteria, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL ) *--or expiration\_date > sysdate-1270 )*

and STRUCTURE\_NODE\_NAME\_L2='APJ' and structure\_node\_name like 'GLL%' )

**SQL13**

SELECT structure\_node\_name,

case WHEN substr(company\_name,-3 ) = '\_MS' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_RS' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-4 ) = '\_CLD' THEN substr(company\_name,1,length(company\_name)-4)

WHEN substr(company\_name,-3 ) = ' L6' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_L4' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '-L5' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = ' 1' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = ' 2' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = '\_1' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-2 ) = '\_2' THEN substr(company\_name,1,length(company\_name)-10)

ELSE company\_name

END company\_name , Pattern, Theatre, Criteria --, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

from (

Select node\_type,structure\_node\_name, substr(structure\_node\_name, length(substr(structure\_node\_name,1,instr(structure\_node\_name,'CH')+2))+1 ,

length(structure\_node\_name)) Company\_Name , '\_ENT' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre ,

'Account\_Region\_L5\_CHANNEL' Criteria, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2='GREATER\_CHINA' --and structure\_node\_name like '%ENT%' --'GLL%HQ' and structure\_node\_name\_l7 is NULL

and structure\_node\_name not like '%INFRA%' and structure\_node\_name not like '%PAD%' and structure\_node\_name not like '%DIST%'

and structure\_node\_name not like '%CLOUD%' and structure\_node\_name not like '%RMT%' and structure\_node\_name not like '%MISC%'

-- and node\_type='Region' and structure\_node\_name not like '%ACCENTURE%'

and structure\_node\_name\_l5 like '%\_CHANNEL%' and structure\_node\_name not like '%OTHER%' and structure\_node\_name not like '%ENT%' and structure\_node\_name not like '%OTT%'

and structure\_node\_name not like '%VPAM%' and structure\_node\_name not like '%CLD%' and structure\_node\_name not like '%TM'

and node\_type in ('Account','Region')

)

**SQL14**

SELECT *--effective\_date, expiration\_date,*

structure\_node\_name , case WHEN substr(company\_name,-2 ) = '\_2' THEN substr(company\_name,1,length(company\_name)-2)

WHEN substr(company\_name,-1 ) = '\_' THEN substr(company\_name,1,length(company\_name)-1)

WHEN substr(company\_name,-3 ) = '\_SC' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-5 ) = '\_EAST' THEN substr(company\_name,1,length(company\_name)-5)

WHEN substr(company\_name,-1 ) = '2' THEN substr(company\_name,1,length(company\_name)-1)

WHEN substr(company\_name,-7 ) = '\_SOUTH' THEN substr(company\_name,1,length(company\_name)-6)

WHEN substr(company\_name,-5 ) = '\_WEST' THEN substr(company\_name,1,length(company\_name)-5)

WHEN substr(company\_name,-3 ) = '\_NC' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_SV' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_GG' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-3 ) = '\_PC' THEN substr(company\_name,1,length(company\_name)-3)

WHEN substr(company\_name,-4 ) = '\_SCR' THEN substr(company\_name,1,length(company\_name)-4)

WHEN substr(structure\_node\_name,-3 ) = '\_BA' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-3)

*/\* WHEN substr(structure\_node\_name,-8 ) = '\_APJ\_OTH' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-8)*

*WHEN substr(structure\_node\_name,-9 ) = '\_MULTI\_YR' THEN substr(structure\_node\_name,1,length(structure\_node\_name)-9)*

*WHEN substr(structure\_node\_name,1,3 ) = 'IN\_' THEN substr(structure\_node\_name,4,length(structure\_node\_name))*

*WHEN substr(company\_name,1,2 ) = 'G\_' THEN substr(company\_name,3,length(company\_name)) \*/*

ELSE company\_name

END company\_name , Pattern, Theatre, Criteria, node\_type , STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6, STRUCTURE\_NODE\_NAME\_L7

FROM ( SELECT node\_type,structure\_node\_name\_l5 , structure\_node\_name ,substr(structure\_node\_name,5,length(structure\_node\_name)) Company\_Name , 'DNU\_' Pattern , STRUCTURE\_NODE\_NAME\_L3 Theatre ,

'Region\_GES' Criteria, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name not like '% HQ' *--and substr(structure\_node\_name, -3)=" HQ"*

and structure\_node\_name not like '%REMOTE' and structure\_node\_name not like '%SPARE%'

and STRUCTURE\_NODE\_NAME\_L2='Americas' and STRUCTURE\_NODE\_NAME\_L3 ='GLOBAL ENTERPRISE SEGMENT'

and STRUCTURE\_NODE\_NAME not like '%MULTI%YEAR%' *--and STRUCTURE\_NODE\_NAME like '%MISC%'*

and structure\_node\_name not like '% HQ %' *-- and ( structure\_node\_name like 'GLL\_P%' or structure\_node\_name like 'GLL\_G%')*

and structure\_node\_name like 'DNU\_%' and node\_type in ('Consolidation','Region')

UNION

SELECT node\_type,structure\_node\_name\_l5 , structure\_node\_name ,substr(structure\_node\_name\_l5,7,length(structure\_node\_name\_l5)) Company\_Name , 'DNU\_' Pattern , STRUCTURE\_NODE\_NAME\_L3 Theatre ,

'Region\_GES' Criteria, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L6 , STRUCTURE\_NODE\_NAME\_L7

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and structure\_node\_name not like '% HQ' *--and substr(structure\_node\_name, -3)=" HQ"*

and structure\_node\_name not like '%REMOTE' and structure\_node\_name not like '%SPARE%'

and STRUCTURE\_NODE\_NAME\_L2='Americas' and STRUCTURE\_NODE\_NAME\_L3 ='GLOBAL ENTERPRISE SEGMENT'

and STRUCTURE\_NODE\_NAME not like '%MULTI%YEAR%' *--and STRUCTURE\_NODE\_NAME like '%MISC%'*

and structure\_node\_name not like '% HQ %' *-- and ( structure\_node\_name like 'GLL\_P%' or structure\_node\_name like 'GLL\_G%')*

and structure\_node\_name like 'DNU\_%' and node\_type in ('Account')

)

**SQL15**

SELECT node\_type,structure\_node\_name,

case WHEN substr(company\_name,-1 ) = '\_' THEN substr(company\_name,1,length(company\_name)-1)

ELSE Company\_Name

END Company\_Name ,

level\_id, 'L5\_L6' Pattern, STRUCTURE\_NODE\_NAME\_L2 Theatre , 'GSP AMER WEB\_Reg' Criteria,

STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6, STRUCTURE\_NODE\_NAME\_L7 , node\_id

FROM (

SELECT node\_type,structure\_node\_name, *--decode(substr(structure\_node\_name,1,1), '\_', substr(structure\_node\_name,2,length(structure\_node\_name)),structure\_node\_name) Company\_Name,*

Decode(STRUCTURE\_NODE\_NAME\_L5,'WEB REGION',

DECODE( substr(STRUCTURE\_NODE\_NAME\_L6 ,1,1),'\_',substr(structure\_node\_name\_l6,2,length(structure\_node\_name\_l6)),STRUCTURE\_NODE\_NAME\_L6),

DECODE( substr(STRUCTURE\_NODE\_NAME\_L5 ,1,1),'\_',substr(structure\_node\_name\_l5,2,length(structure\_node\_name\_l5)),STRUCTURE\_NODE\_NAME\_L5)) Company\_Name ,

level\_id, STRUCTURE\_NODE\_NAME\_L2, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6,

STRUCTURE\_NODE\_NAME\_L7 , node\_id

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2 = 'GLOBAL SERVICE PROVIDER'

*-- and upper(structure\_node\_name) not like '%MULTIYEAR%' and structure\_node\_name not like '%MULTI YEAR%' and structure\_node\_name not like '%MISC%'*

and node\_type='Region' and STRUCTURE\_NODE\_NAME\_L3 = 'GSP AMERICAS'

and STRUCTURE\_NODE\_NAME\_L4 = 'GSP AMER WEB' and ( STRUCTURE\_NODE\_NAME\_L6 not like '%SWEEPS%' and STRUCTURE\_NODE\_NAME\_L6 not like '%MULTIYEAR%')

)

UNION

SELECT node\_type,structure\_node\_name, substr(structure\_node\_name\_l6,1,instr(structure\_node\_name\_l6,'SWEEPS')-1) Company\_Name,

*-- Decode(STRUCTURE\_NODE\_NAME\_L5,'WEB REGION',STRUCTURE\_NODE\_NAME\_L6,STRUCTURE\_NODE\_NAME\_L5) Company\_Name ,*

level\_id, 'SWEEPS' Pattern ,

STRUCTURE\_NODE\_NAME\_L2 Theatre, 'GSP AMER WEB\_Reg' Criteria, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6,

STRUCTURE\_NODE\_NAME\_L7 , node\_id

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2 = 'GLOBAL SERVICE PROVIDER'

*-- and upper(structure\_node\_name) not like '%MULTIYEAR%' and structure\_node\_name not like '%MULTI YEAR%' and structure\_node\_name not like '%MISC%'*

and node\_type='Region' and STRUCTURE\_NODE\_NAME\_L3 = 'GSP AMERICAS'

and STRUCTURE\_NODE\_NAME\_L4 = 'GSP AMER WEB' and STRUCTURE\_NODE\_NAME\_L5 = 'WEB REGION'

and ( STRUCTURE\_NODE\_NAME\_L6 like '%SWEEPS%' and STRUCTURE\_NODE\_NAME\_L6 not like '%MULTIYEAR%')

UNION

SELECT node\_type,structure\_node\_name,

CASE WHEN GC\_Position > 0 THEN SUBSTR ( Company\_Name,1,GC\_Position-2)

WHEN APJ\_Position > 0 THEN SUBSTR ( Company\_Name,1,APJ\_Position-2)

WHEN EMEAR\_Position > 0 THEN SUBSTR ( Company\_Name,1,EMEAR\_Position-2)

WHEN LATAM\_Position > 0 THEN SUBSTR ( Company\_Name,1,LATAM\_Position-2)

WHEN US\_Position > 0 THEN SUBSTR ( Company\_Name,1,US\_Position-2)

WHEN INDIA\_Position > 0 THEN SUBSTR ( Company\_Name,1,INDIA\_Position-2)

WHEN CANADA\_Position > 0 THEN SUBSTR ( Company\_Name,1,CANADA\_Position-2)

WHEN SINGAPORE\_Position > 0 THEN SUBSTR ( Company\_Name,1,SINGAPORE\_Position-2)

WHEN FINLAND\_Position > 0 THEN SUBSTR ( Company\_Name,1,FINLAND\_Position-2)

WHEN CAN\_Position > 0 THEN SUBSTR ( Company\_Name,1,CAN\_Position-2)

ELSE COMpany\_Name

END COMpany\_Name , level\_id, 'MULTIYEAR' Pattern, STRUCTURE\_NODE\_NAME\_L2 Theatre, 'GSP AMER WEB\_Reg' Criteria,

STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6,

STRUCTURE\_NODE\_NAME\_L7 , node\_id

FROM (

SELECT node\_type,structure\_node\_name,

instr(structure\_node\_name\_l7,'GC') GC\_Position,

instr(structure\_node\_name\_l7,'APJ') APJ\_Position,

instr(structure\_node\_name\_l7,'EMEAR') EMEAR\_Position,

instr(structure\_node\_name\_l7,'LATAM') LATAM\_Position,

instr(structure\_node\_name\_l7,'US SVC') US\_Position,

instr(structure\_node\_name\_l7,'INDIA') INDIA\_Position,

instr(structure\_node\_name\_l7,'CANADA') CANADA\_Position,

instr(structure\_node\_name\_l7,'SINGAPORE') SINGAPORE\_Position,

instr(structure\_node\_name\_l7,'FINLAND') FINLAND\_Position,

instr(structure\_node\_name\_l7,'CAN') CAN\_Position,

substr(structure\_node\_name\_l7,1,instr(structure\_node\_name\_l7,'SVC')-1) Company\_Name,

level\_id, STRUCTURE\_NODE\_NAME\_L2, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6,

STRUCTURE\_NODE\_NAME\_L7 , node\_id

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2 = 'GLOBAL SERVICE PROVIDER'

*-- and upper(structure\_node\_name) not like '%MULTIYEAR%' and structure\_node\_name not like '%MULTI YEAR%' and structure\_node\_name not like '%MISC%'*

and node\_type='Region' and STRUCTURE\_NODE\_NAME\_L3 = 'GSP AMERICAS'

and STRUCTURE\_NODE\_NAME\_L4 = 'GSP AMER WEB'*-- and STRUCTURE\_NODE\_NAME\_L5 = 'WEB REGION'*

and STRUCTURE\_NODE\_NAME\_L6 like '%MULTIYEAR%'

)

UNION

SELECT node\_type,structure\_node\_name,

DECODE(structure\_node\_name\_l5, 'SELECT GAMING REGION', structure\_node\_name\_l6, COmpany\_Name) COMpany\_Name,

level\_id, 'GSP' Pattern, STRUCTURE\_NODE\_NAME\_L2 Theatre, 'GSO\_Region' Criteria,STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6,

STRUCTURE\_NODE\_NAME\_L7 , Node\_ID

FROM (

SELECT node\_type,structure\_node\_name, CASE

WHEN substr(STRUCTURE\_NODE\_NAME\_L4,1,10) = 'GSP\_CANADA' THEN substr( STRUCTURE\_NODE\_NAME\_L5,5)

WHEN substr(STRUCTURE\_NODE\_NAME\_L4,1,3) = 'GSP' THEN substr( STRUCTURE\_NODE\_NAME\_L4,5)

ELSE STRUCTURE\_NODE\_NAME\_L5

END Company\_Name,

level\_id, STRUCTURE\_NODE\_NAME\_L2, STRUCTURE\_NODE\_NAME\_L4, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6,

STRUCTURE\_NODE\_NAME\_L7 , node\_id

from shr\_strct\_node\_denorm where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

and STRUCTURE\_NODE\_NAME\_L2 = 'GLOBAL SERVICE PROVIDER'

*-- and upper(structure\_node\_name) not like '%MULTIYEAR%' and structure\_node\_name not like '%MULTI YEAR%' and structure\_node\_name not like '%MISC%'*

and node\_type='Region' and STRUCTURE\_NODE\_NAME\_L3 = 'GSP AMERICAS'

and ( STRUCTURE\_NODE\_NAME\_L6 is not NULL and STRUCTURE\_NODE\_NAME\_L7 is not NULL ) and STRUCTURE\_NODE\_NAME\_L6 not like '%MULTIYEAR%'

and STRUCTURE\_NODE\_NAME\_L4 not like '%HQ'

and STRUCTURE\_NODE\_NAME\_L4 != 'GSP AMER WEB'*-- and STRUCTURE\_NODE\_NAME\_L5 = 'WEB REGION'*

*--and structure\_node\_name\_l5!='SELECT GAMING REGION'*

)

**SQL16**

Select structure\_node\_name , decode(substr(structure\_node\_name\_L5,1,4),'FED-',substr(structure\_node\_name\_L5, 5,length(structure\_node\_name\_L5))) Company\_Name ,

'FED' Pattern , STRUCTURE\_NODE\_NAME\_L2 Theatre , 'PS FEDERAL' Criteria, STRUCTURE\_NODE\_NAME\_L5, STRUCTURE\_NODE\_NAME\_L6

from shr\_strct\_node\_denorm

where version\_id = 14921 and ( expiration\_date is NULL or expiration\_date > sysdate-1270 )

*-- and ( SALES\_TERR\_EXPIRATION\_DATE is NULL or SALES\_TERR\_EXPIRATION\_DATE > CURRENT\_DATE-1270 )*

and structure\_node\_name\_L2='Americas' and structure\_node\_name\_l4 ='PS FEDERAL AREA'

and structure\_node\_name like '%FED-%'

**SQL17**