Flash Memory Summit - 2019

Leveraging NVMe, SDS and commodity hardware to double query performance for Oracle RAC systems

# Mosaic SD NVMe

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# <u>Agenda</u>

- Customer Environment
- Solution Description
- Evolution
- Proof of Performance
- Questions





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## **Customer Environment**

One of the largest Medicaid recipient States in the US

- Providing analytics against millions of health care recipients with 20 years of claim data (20+ billion rows of claim data)
- Processing Terabytes of new claim data per year
- Servicing thousands of analytic users running thousands of queries/day



### Current state-of-the-art platform

- A purpose built database platform Precalibrated/pre-configured Oracle platform
- Architectural components Compute / Storage / Interconnect
- Functional Components included with the solution:
  - A built in database Migration product Mosaic DART
  - Web based Console providing real time inventory, health, and alerts of HW / SW / Database components





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### Features

- Ultra high performance with very low latency
- Simple, yet elegant
- Rapid deployment
- Elastic scale-out
- Pre-installed, Pre-configured Oracle RAC cluster in a "box"
- Point and click migrations
- Rack, stacked and wired ready to ship and plug into a data center
- Calibrated and scalable configurations start small and grow quickly
- Fully redundant platform
- Compelling economics price/performance



### How did we get here?

Evolved over 10 years using state-of-the-art technology at the time

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- Why did we build the product?
  - Eliminate risk of long build process and suboptimal platform - R&D/Configuration is already done to minimize deployment time
  - > Customers demanding better Performance
  - > Data volumes continue to scale exponentially



#### **Evolution of the Customer Solution**





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#### Evolution of the Product Matrix

Generation	1	2	3
Technology:	VMAX - 400K - 2 Bay	DSSD - NVMe	Mosaic SD NVMe
Storage Protocol:	Fibre Channel	NVMe-PCIe attached	NVMeoF
Form Factor:	3 - 42U Racks	1 - 42U Rack	1 - 42U Rack
Scalability:	Difficult - Limited by monolithic storage technology, Very Expensive - Proprietary HW	Expensive and limited - Proprietary HW and firmware	Inexpensive and easily scales by adding 100s of commodity storage nodes
Performance - Bandwidth (Storage nodes):	34GB/s (6 Engine)	130GB/s (2 - D5)	154GB/s (8 - Dell 740XD)
Power Consumption:	20.6 kW	4.6 kW	3.6 kW
Cost (Storage HW & SW)	\$2,000,000 +	\$1,000,000 +	<b>~</b> \$500K



# Mosaic NVMe SD Technology

	Compute		
Optimized Kernel	(Oracle RAC / NVMe RDMA) Optimized Client Kernel		
	Configure and verify Oracle required/recommended kernel parameters (shared memory, semaphores, network, RDMA, fileslystem)		
	Configure Excelero-related kernel parameters (CPU Interrupt affinity, IRQ balancing, Mellanox affinity, performance profile)		
I/O Interconnect Drivers (IB, SDS,			
Card)	Excelero Drivers		
	Configure volumes to maximize drive and network bandwidth; configure volumes with appropriate RAID levels		
	Provision volumes to clients as block devices		
	Configure Excelero management software and supporting metadata database		
	Topology manager monitors and manages errors in the fabric (failed drives, connectivity issues, etc)		
Adapter Firmware	ConnectX5 firmware configuration		
	Configure Mellanox firmware for maximum throughput and efficiency		
	Configure target Mellanox firmware to support Excelero RDDA protocol		
	Configure optimized PCI read-ahead		





	Compute Cont.
Server	DELL R740 2U Servers
	Memory: 384G; 24 sockets (12 sockets/CPU); each set of 12 is organized into 6 channels for maximum
	bandwidth
	CPU: 2-socket, 22 cores/socket = 44 cores; Intel (R) Xeon(R) Gold 6152 CPU @ 2.10GHz
	PCIe Gen3: 2U server allows for ample PCIe Gen3 x16 slots to support massive storage traffic
I/O Adapters	ConnectX5 (X16 v X8)
	Multiple x16 slots support the bandwidth-hungry ConnectX-5 storage network adapters
	Queue pairs optimized to support RDDA protocol on target nodes
	I/O adapters balanced across NUMA nodes
Oracle NVMe Optimized	
Settings	Oracle NVMe RDMA optimized configuration
	Configure to be NUMA aware
	Configure Oracle to maximize physical i/o efficiency
Oracle RAC Software	Optimized Oracle Configuration
	Install/configure Oracle version 12c / 18c
	Pre-configured Oracle Real Application Cluster (RAC)
	Pre-configured Oracle Automatic Storage Management (ASM)
	Enable Container databases
	Pre-created diskgroups based on customer requirements
	Pre-created databases with TPCH sample data



## Mosaic NVMe SD Technology

	Storage	
Storage Switches	Mellanox SB7800 Switches (EDR -100Gbps)	
Storage Networking	NVMe client drivers/RDMA IB transport/IB network layer/IB link layer	
Storage Drives	Industry optimized NVMe SSD drives	
Storage Server	DELL R740XD 2U Servers (24 NVMe Chassis / 32 PCI Gen 3 Lanes) Cost effective CPU and memory configuration	
Storage Target Drivers	Excelero Target and Management software	
Storage Optimized Kernel / OS	(Oracle RAC / NVMe RDMA) Optimized Storage kernel	
Storage Adapters	Mellanox ConnectX5 VPI	
Storage Fabric Cabling	Mellanox-branded redundant cabling	



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## Mosaic NVMe SD Technology

Mosaic NVMe Management				
Software				
Mosaic NVMe SD Console	Version 2.1			
	Provides integrated/comprehensive real time view of the Mosaic NVMe hardware and software.			
	View inventory and health of all hardware and software components.			
	View details and state of all of the Oracle databases on the platform.			
NVMe Console Hardware	DELL R640 1U Server			
Software Infrastructure				
Wildfly	Version 15.0.0			
KeyCloak	Version 5.0.0			
389 - LDAP	Version 1.3.8.4			
Postgress	Version 11.3			



### **Proof of Performance**

- Atomic Operations
  - Create tablespace
  - Direct path load
  - Index builds
  - Max sustainable scan rate
  - Aggregate sustainable scan rate
- OBIEE query benchmarks





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#### Atomic Operations - Comparison with entry level solution

Benchmark	VMAX 400K	NVMe DSSD	Mosaic SD NVMe (2x4)
	(Oracle 8 node RAC cluster with 6 engine EMC VMAX)	(Oracle 8 node RAC cluster with 2 D5s)	(Oracle 2 node RAC cluster with 4 Dell R740xd)
Create 10TB tablespace	111 mins	82 mins	31 mins
Parallel direct path insert of 8 billion rows*	156 mins	101 Mins	77 mins
Create unique global partitioned index*	11 mins	4.6 mins	4 mins
Create local bitmap index*	92 mins	12 mins	3 mins
Query single table scan time*	27 mins	1.6 mins	2.5 mins
Aggregate sustainable scan rate	34 GB/Sec	130 GB/Sec	75 GB/Sec
Maximum sustainable scan rate per RAC node	8 GB/Sec	24.5 GB/Sec	37 GB/Sec



#### Performance - Mosaic SD NVMe Large (8x8)

Customer Benchmarks	Mosaic SD NVMe (Large: 8x8)	
General Benchmarks	(Oracle 8 node RAC cluster with 8 Dell R740xd - ASM Mirroring)	
Average direct path read time per 8k block	< 100 microseconds	
Total bytes scanned each hour by customer Total rows scanned each hour of day	137 TB (685 TB / day) .5 Trillion rows (2.5 Trillion rows/day)	
Atomic Operations		
Create unique global partitioned index on 8+ billion rows table	2.3 mins	
Parallel direct path partition to partition insert on 8+ billion row table (simultaneous read/write of 11.5TB of data)	60 mins	
Query single table(11.5TB) scan time	1.4 mins	
Maximum sustainable scan rate per RAC node (*3 - 8 lane PLX cards)	20 GB/Sec*	
Aggregate sustainable scan rate	154 GB/Sec	



#### Typical Customer Query

D1.cl2 AS c7,D1.cl3 AS c6,D1.cl6 AS c6,D1.cl4 AS c10,D1.cs AS c11,D1.cl5 AS c12,D1.cl4 AS c13,D1.cl6 AS c14, D1.cd3 AS c15,D1.cl7 AS c16,D1.c2 AS c17,D1.cl AS c13,D1.cl8 AS c13,D1.cl9 AS c20,D1.c20 AS c21,D1.c21 AS c FROM (SELECT DIFTNET T2695269.NINET_DAT_WO'RE_CD AS c1. T2695269.MCARE_TOR CD AS c5. T2695269.MCARE_TOR CD AS c5. T2695269.MCARE_TOR FROVIES AS c6. T2695269.MCARE_TOR FROVIES AS c6. T2695361.TPLF.FOLLOW FROM AS c10. T2691301.LONG_DESC AS c11. T2691301.LONG_DESC AS c11. T2691369.LONG_DESC AS c12. T2691456.MCG10_EXC AS c13. T2694354.LONG_DESC AS c14. T2694354.LONG_DESC AS c14. T2694493.LONG_DESC AS c14. T2694493.LONG_DESC AS c14. T2694493.LONG_DESC AS c14. T2694156.MCG10_DESC C54. LEFT OUTER JOIN MIGON.V.REF MCG10_DT C760791 LEFT OUTER JOIN MIGON.V.REF MCG10_DT C760791 LEFT OUTER JOIN MIGON.V.REF MCG10_DT C7607951 LEFT OUTER JOIN MIGON.V.REF MCG10_DT C7607951 LEFT OUTER JOIN MIGON.V.REF MCG10_DT C7608554 ON T2665269.MCG10_DT 27667951.CU VAL) ON T2665269.MCG10_DT 27667951.CU VAL) ON T2665269.MCG10_DT 276795954.CU VAL) ON T2665269.MCG10_DT 276795954.CU VAL) ON T2665269.MCG10_DT 276795954.CU VAL) ON T2665269.MCG10_DT 2767959595.CU T26695954. ON T2665269.MCG10_DT 2767959595.CU T26695954. ON T2665269.MCG10_DT 2767959595.CU T266959595.CU T2669595 ON T2665269.MCG10_DT 276579595.CU T2	SELECT 0 AS c1,D1.c8 AS c2,D1.c7 AS c3,D1.c9	AS	с4,	,D1.c10	AS c5	,D1.c1	1 AS c6,				
D1.c3 AS c15,D1.c17 AS c16,D1.c2 AS c17,D1.c1 AS c18,D1.c18 AS c19,D1.c19 AS c20,D1.c20 AS c21,D1.c21 AS c FROM (SELECT DISTINCT T269526).HDT[DAT_WONT DA AS c3, T2685269,JTPATCH T2695269,JTPATCH T2695269,JTPATCH T2695269,JTPATCH T2695269,JTPATCH T2695269,JTPATCH T2695269,JTPATCH T2695269,JTPATCH F2695269,JTPATCH F2695269,JTPA	D1.c12 AS c7,D1.c13 AS c8,D1.c6 AS c9,D1.	c14	AS	c10,D1	.c5 A	s c11,	D1.c15 AS	c12,D1.c4	AS c13	,D1.c16 AS	5 c14,
FROM (SELECT DISTINCT T2605269.NINETY_DAY_TWO_YR.CD As cl,         T2605269.MC.CAR       CD       As cl,         T2605269.MC.CAR       COM       As cl,         T2605269.MC.CAR       COM       As cl,         T2605269.MC.CAR       COM       As cl,         T2605269.MC.CAR       COM       As cl,         T2605269.NC.CAR       COM       As cl,         T26051360.NC.CAR       COM       As cl,         T2605161.NC.CDEC       As cl,       T2605161.NC.CDEC         T2605164.EERDS USER ID       As cl,       T260516.EERDS USER ID       As cl,         T260516.EERDS USER ID       As cl,       T260516.EERDS USER ID       As cl,         T260516.EERDS USER ID       As cl,       T26051697       As cl,         T260516.EERDS USER ID       As cl,       Cl,       T26051697       As cl,         T260516.EERDS USER ID       As cl,       Cl,       T26051697 <td>D1.c3 AS c15,D1.c17 AS c16,D1.c2 AS c17,</td> <td>D1.c</td> <td>1</td> <td>AS c18</td> <td>D1.c18</td> <td>AS C</td> <td>19,D1.c19</td> <td>AS c20,D1.c2</td> <td>0 AS</td> <td>c21,D1.c21</td> <td>AS C</td>	D1.c3 AS c15,D1.c17 AS c16,D1.c2 AS c17,	D1.c	1	AS c18	D1.c18	AS C	19,D1.c19	AS c20,D1.c2	0 AS	c21,D1.c21	AS C
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T2691301.LONG DESCAS C11,T2691301.LONG DESCAS C12,T2691339.LONG DESCAS C13,T269791.LONG DESCAS C14,T2697991.LONG DESCAS C14,T2697991.LONG DESCAS C15,T2698594.LONG DESCAS C16,T2698594.LONG DESCAS C17,T2694156.MER_IDAS C18,T2694156.MER_IDAS C20,T2694156.MCARE_HIC_NUMAS C20,T2694156.MCARE_HIC_NUMAS C21,FROM (( ( ( ( ( ( ( MISOWN.CLAIM_TRANS T2695269)LEFT OUTER JOIN MISOWN.V REF MCARE_FTB PAYRE_CD T2601991ON T268167.CD VAL. = T269526.9.MCARE PTA PAYOR CD T2601991ON T268167.CD VAL. = T269526.9.MCARE PTA PAYOR CD T2601991ON T2685269.MCARE PTB PAYRE_CD = T2601991.CD VAL)LEFT OUTER JOIN MISOWN.V REF MCARE_KORE STOPPAYRE_CD T26601991ON T2685269.MCARE PTB PAYRE_CD = T260493.CD VAL)LEFT OUTER JOIN MISOWN.V REF OL PAYOR_CD T2608594.ON T2685269.MCARE PTB PAYRE_CD = T2606193.CD VAL)LEFT OUTER JOIN MISOWN.V REF OL PAYOR_CD T2608594.ON T2685269.MCARE PTB PAYRE_CD T2601309IT 2007000.CD = T2608594.CD VAL)LEFT OUTER JOIN MISOWN.V REF MCARE_FTB PAYRE_CD T2601309If Y V REF MCARE_FTB PAYRE_CD T2601369.If Y V REF MCARE_FTB PAYRE_CD T2601369If Y V REF MCARE_FTB PAYRE_CD T2601369.If Y V REF MCARE_FTB PAYRE_CD T2601360.IF Y	T2682211.TPL_POLICY_COV_CD	AS	c10	ο,							
T2681368.APG_01_PATER_CDAS c12,T2681399.LONG_DESCAS c13,T2681697.LONG_DESCAS c14,T2681697.LONG_DESCAS c15,T2686643.LONG_DESCAS c16,T2686643.LONG_DESCAS c17,T2681656.LONG_DESCAS c17,T2694156.ERE TDAS c17,T2694156.ERE TDAS c20,T2694156.ERE TOAS c20,T2694156.ERE TO TERCATING TANK T2685269.LEFT OUTER JOIN MISONN.VEF MCD T2687591.CD.VAL)LEFT OUTER JOIN MISONN.VEF MCD T2687591.CD.VAL)LEFT OUTER JOIN MISONN.VEF C0 T 72686493.CD VAL)LEFT OUTER JOIN MISONN.VEF C10 PAYOR CD T2681549.LEFT OUTER JOIN MISONN.VEF C10 PAYOR CD T2681540.ON T2665269.SRU DT T268156.MER IDAND T2685269.SRU DT TERWERN T2694156.HIC T2694156.HIC_NUM_END_DT)LEFT OUTER JOIN MISONN.VEF MCARE PTE PAYER_CD T2681380/ Y. VEF MCARE PTB PAYER CD.A3 */ON T2661366.COI MISONN.VEF MCARE PTB PAYER_CD T2681381/ Y. VEF MCARE PTB PAYER CD.A3 */ON T2661368.CCI MT TRANS ID = T2665269.SRU_DT)LEFT OUTER JOIN MISONN.VEF MCARE PTB PAYER_CD T2681361LEFT OUTER JOIN MISONN.VERE MCARE PTB PAYER CD T2681361ON T2661368.CCI MT TRANS ID = T2665269.SRU_DT)LEFT OUTER JOIN MISONN.VERE PGLO269.SRU_DT)LEFT OUTER JOIN MISONN.VERE PGLO269.SRU_DT)LEFT OU	T2691301.LONG_DESC	AS	c11	1,							
T2681839.LONG_DESCAS C13,T2681839.LONG_DESCAS c14,T2687991.LONG_DESCAS c14,T2686594.LONG_DESCAS c16,T2686594.LONG_DESCAS c16,T2686594.LONG_DESCAS c18,T2641156.MER_IDAS c18,T2641156.MCARE_HIC_NUMAS c20,T2641156.MCARE_HIC_NUMAS c20,T2641156.MCARE_HIC_NUMAS c20,T2641156.MCARE_HIC_NUMAS c20,T2641156.MCARE_HIC_NUMAS c20,T2641156.MCARE_HIC_NUMAS c20,T2641157.CD_VAL=T268594.CAREDON T2665269.MCARE_PTB_PAYER_CDT26401697ON T2665269.MCARE_PTB_PAYER_CDT26401991ON T2665269.MCARE_PTB_PAYER_CDT26401991ON T2665269.MCARE_PTB_PAYER_CDT26401991ON T2665269.MCARE_PTB_PAYER_CDT26401991ON T2665269.MCARE_PTB_PAYER_CDT26401991ON T2665269.MCARE_TDT2680594.OVAL)LEFT OUTER JOIN MISONN.V REF_CDT2680594.OVAL)LEFT OUTER JOIN MISONN.V REF_CDT2680193ON T2665269.MCARE_PTB_PAYER_CDT2694156.HIC_NUM_END_DT)LEFT OUTER JOIN MISONN.V REF_MCARE_PTB_PAYER_CDT2694156.HIC_NUM_END_DT)AND T2681360.CLAIM_TRANS_CDT2685269.CLAIM_TRANS_IDAND T2681360.CLAIM_TRANS_CDT2685269.SRV_DT)AND T2681360.CLAIM_TRANS_IDT2685269.SRV_DT)AND T2681360.CLAIM_TRANS_IDT2685269.SRV_DT)AND T2681360.CLAIM_TRANS_IDT2685269.SRV_DT)AND T2681360.CLAIM_TRANS_IDT2685269.SRV_DT)LEFT OUTER JOIN (MISONN.CLAIM_DOLTCY COV CDT2681361.CLAIM_TRANS_ID<	T2681368.APG_OI_PAYER_CD	AS	c12	2,							
T2681697.LONG_DESC       AS c14,         T2681697.LONG_DESC       AS c15,         T2686493.LONG_DESC       AS c15,         T2686493.LONG_DESC       AS c17,         T2694156.KERDS_USER_ID       AS c19,         T2694156.KERDE_HICN_BIC_CD       AS c19,         T2694156.KCARE_HICN_BIC_CD       AS c20,         T2694156.KCARE_HICN_BIC_CD       AS c21         FROM ( ( ( ( ( ( ( ( MISONN.CLAIM_TRANS T2685269         LEFT OUTER, JOIN MISONN.V KEF MCARE_PTB_PAYOF.CD)         LEFT OUTER, JOIN MISONN,V KEF MCARE_PTB_PAYOF.CD         ON T2685269.MCARE_PTB_PAYER_CD = 72687991.CD_VAL)         LEFT OUTER, JOIN MISONN,V KEF MOVER, SCC. T2686493         ON T2685269.MCARE_VTB_PAYER_CD = 72686594.CD_VAL)         LEFT OUTER, JOIN MISONN,V KEF OI PAYOR CD T2686594         ON T2685269.MCARE_VTB_PAYER_T2694156.HIC_NUM_BEG_DT AND T2694156.HIC_NUM_END_DT)         LEFT OUTER, JOIN MISONN,V KEF OI PAYOR CT 26861380         ON T2685269.MCRE_PTB_PAYER_CD = 7268139.CD_VAL)         ON T2681368.RCAIM_TRANS_ID = 72685269.CLAIM_TRANS_ID         NAD T2681368.NCAIM_TANS_ID = 72685269.CLAIM_TRANS_ID         NAD T2681368.SCLAIM_TRANS_ID = 72685269.CLAIM_TRANS_ID         NAD T2681368.NCV_DT = 72685269.SKV_DT)         LEFT OUTER_JOIN MISONN, VERF_MCARE_PTE_PAYER_CD T268211         LEFT OUTER_JOIN MISONN, VERF_CD_A3 */         ON T2681368.	T2681839.LONG_DESC	AS	C13	3,							
Tz68/991.LONS_DESCAS C15,T2686544.LONS_DESCAS c16,T2686544.LONS_DESCAS c16,T2694156.KERETDAS c18,T2694156.KERETDAS c19,T2694156.KMARE HIC NUMAS c20,T2694156.KMARE HIC NUMAS c20,T2694156.KMARE HIC NUMAS c20,LEFT OUTER JOIN MISONN.V REF MCARE PTA PAYOR CD T2681697.LOW NUL = 7265269.KMARE PTB PAYER CD = 7268790.1C0ON 72661697.CD VAL = 7265269.KMARE PTB PAYER CD = 72686493.ON 72665269.MCARE PTB PAYER CD = 7268790.1C0VALCESS269.MCARE PTB PAYER CD = 7268549.4C0ON 72665269.MCARE PTB PAYER CD = 7268540.0CVLEFT OUTER JOIN MISONN.V REF MCARE XOVR SRC CD T2686493.ON 72665269.MCARE YDT PAYER CD = 7268540.0CVON 72665269.MCRE DYOR RACE DY T26844156.HIC T2694156ON 72665269.MCRU D BETWEEN 72644156.HIC T2694156ON 72665369.MCRU D BETWEEN 7264156.HIC T2694156ON 72665369.MCRU D BETWEEN 7264136.HIC NUM BEG DT AND T2694156.HIC NUM_END_DT)LEFT OUTER JOIN MISONN.V REF MCARE PTE_PAYER CD T2681389/* V REF MCARE PTE_PAYER CD = 7268139.CD VAL)ON 72661368.ACG OF ARD T2681368.CLAIM FRANS_IDON 72661368.NC DTECTO OTER JOIN MISONN.V REF MCARE PTE_PAYER_CD T2681269.SRV_DT)LEFT OUTER JOIN MISONN.V REF MCARE PTE_PAYER_CD T2681280/* V REF MCARE PTE PAYER CD = 72681839.CD VAL)ON 72661368.ACIAIM TRANS_ID = 72685269.CLAIM TRANS_IDND 72681368.CLAIM TRANS_ID = 72685269.CLAIM TRANS_IDND 72681368.CLAIM TRANS_ID = 72685269.CLAIM TRANS_IDND 72682211.TELAIM TANS_ID = 72685269.SRV_DT)LEFT OUTER JOIN MISONN.V.REF POLICY COV C	T2681697.LONG_DESC	AS	C14	<del>9</del> ,							
T2686493.LDNG_DESC AS C17, T2694156.EEDS_USER_ID AS c18, T2694156.KEARE_HIC_NUM AS c19, T2694156.MCARE_HIC_NUM AS c20, T2694156.MCARE_HIC_NIC_CD AS c21 FROM ( ( ( ( ( ( ( MISOWN.CLAIM_TRANS T2695269 LEFT OUTER JOIN MISOWN.V REF MCARE PTA PAYOR CD 72681697 ON 72681697.CD VAL = T2685269.MCARE PTA PAYOR CD 72681697 ON 72685269.MCARE_PTB PAYER CD = T2687991.CD VAL) LEFT OUTER JOIN MISOWN.V REF MCARE_PTA PAYOR CD 72686493 ON 72685269.MCARE_PTB PAYER CD = T2686493.CD VAL) LEFT OUTER JOIN MISOWN.V REF MCARE_YOUR_SEC_D 72686493 ON 72685269.MCARE_YOTE_SCOP_T2688594 ON 72685269.MCARE_YOTE_SCOP_T2688594 ON 72685269.MCARE_YOTE_SCOP_T2686594 ON 72685269.MCARE_YOTE_SCOP_T268594 ON 72685269.MCARE_YOTE_SCOP_T268594 ON 72685269.MCARE_YOTE_SCOP_T268594 ON 72685269.MCARE_YOTE_SCOP_T268594 ON 72685269.MCARE_YOTE_SCOP_T268529.LC VAL) LEFT OUTER JOIN MISOWN.VLAIM_PROC T268156.HIC_NUM_BEG_DT AND T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN (MISOWN.CLAIM_PROC T2681389 /* V_REF MCARE_PTB PAYER CD_73 */ ON 72681368.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID NAD 72681368.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID NAD 72681286.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID NAD 72681286.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID NAD 72681286.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID NAD 72681286.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID NAD 72682211.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID NAD 72682261.NCRE_XOVR_SRCCD = 'P') DI ORDE	T268/991.LONG_DESC	AS	CIS	5,							
T2688594.LDNG_DESC AS CI, T2694156.EDS_USER_ID AS c1, T2694156.MCARE_HIC_NUM AS c20, T2694156.MCARE_HIC_NUM AS c20, T2694156.MCARE_HIC_NUM AS c20, LEFT OUTER JOIN MISOWN.V. REF MCARE_PTA_PAYOR CD T2681697 LEFT OUTER JOIN MISOWN.V. REF MCARE_YTD_PAYER_CD T2687991 ON T2685269.MCREE_YDT_PAYER_CD = T2687991.CD VAL) LEFT OUTER JOIN MISOWN.V. REF MCARE_XOVR SRC_CD T2686493 ON T2685269.MCRE_XOVR_SRC_CD = T2686493.CD VAL) LEFT OUTER JOIN MISOWN.V. REF OI PAYOR CD T2688544 ON T2685269.MCRE_XOVR_SRC_CD = T2686493.CD VAL) LEFT OUTER JOIN MISOWN.V. REF MCARE_TD_PAYER_CD T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN MISOWN.V. REF MCARE_TD_PAYER_CD T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN MISOWN.V. REF MCARE_TD_PAYER_CD T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN MISOWN.V. REF MCARE_TD_PAYER_CD T2691803 / * V REF MCARE_PTB_PAYER_CD_A *7 ON T2681368.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2681286.SLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2681286.SLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2681286.SLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2681286.SLAIM_TRANS_ID = T2685269.SLAIM_TRANS_ID AND T2681286.SLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2682211.TEL_POLICY_COV_CD = T2691301.CD_VAL) ON T2682211.TEL_POLICY_COV_CD = T2691301.CD_VAL) ON T2682211.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2682211.CLAIM_TRANS_SEC D = T2691301.CD_VAL) ON T2682211.CLAIM_TRANS_SEC D = T2691301.CD_VAL) ON T26822211.CLAIM_TRANS_SEC D = T2691301.CD_VAL) ON T26822211.CLAIM_TRANS_SEC D = T2691301.CD_VAL) ON T26822211.CLAIM_TRANS_SEC D = T2691301.CD_VAL) ON T2682	T2686493.LONG_DESC	AS	CIG	b,							
T2694155. EEDS DSER 1D AS C18, T2694156. MCARE_HIC NUM AS C20, T2694156. MCARE_HIC NUM AS C20, T2694156. MCARE_HIC NUM AS C20, FROM ( ( ( ( ( ( ( ( MEGONN.CLAIM_TRANS T2605269 LEFT OUTER JOIN MISONN.V REF MCARE PTA PAYOR CD T2681697 ON T2681697.CD VAL = T2665269.MCARE PTA PAYOR CD T2681697 ON T2685269.MCARE_TB PAYER CD = T2687591.CD VAL) LEFT OUTER JOIN MISONN.V REF MCARE_FTB PAYER CD T2686493 ON T2685269.MCARE_XOVR_SRC_CD = T2606493.CD_VAL) LEFT OUTER JOIN MISONN.V REF MCARE XOVR SRC_CD T2686594 ON T2685269.MCARE_XOVR_SRC_CD = T2606493.CD_VAL) LEFT OUTER JOIN MISONN.V REF MCARE HIC T2694156. LEFT OUTER JOIN MISONN.V REF MCARE HIC T2694156. MIC T00TER JOIN MISONN.V REF MCARE HIC T2694156. LEFT OUTER JOIN MISONN.V REF MCARE TO T2605360 LEFT OUTER JOIN MISONN.CLAIM PROC T2681360 LEFT OUTER JOIN MISONN.V REF MCARE PTB PAYER CD T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN MISONN.V. REF MCARE PTB PAYER CD T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN MISONN.V. REF MCARE PTB PAYER CD T2691306 LEFT OUTER JOIN MISONN.V. REF MCARE PTB PAYER CD T2691360 ON T2681366.ARG_OI PAYER CD = T2685269.SCLAIM TRANS_ID AND T2681366.ARG_OI PAYER CD = T2685269.SCLAIM TRANS_ID AND T2681366.CLAIM_TRANS_ID = T2685269.SCLAIM TRANS_ID AND T2681266.SRV_DT = T2685269.SCLAIM TRANS_ID AND T2681266.SRV_DT = T2685269.SCLAIM TRANS_ID AND T2681266.SRV_DT = T2685269.SRV_DT] LEFT OUTER JOIN MISONN.V. REF POLICY_COV_CD = T2691301. LEFT OUTER JOIN MISONN.V. REF POLICY_COV_CD = T2685269.SCLAIM TRANS_ID AND T2682211.TLAIM TRANS_ID = T2685269.SCLAIM TRANS_ID AND T2682211.SCLAIM TRANS_ID = T2685269.SCLAIM TRANS_ID AND T2682211.TLAIM TRANS_ID = T2685269.SCLAIM TRANS_ID AND T2682211.TLAIM TRANS_ID = T2685269.SCLAIM TRANS_ID AND T2682211.TLAIM TRANS_ID = T2685269.SCLAIM TRANS_ID AND T2682211.TLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2682211.SCLAIM TRANS_STO = T2685269.CLAIM_TRANS_ID AND T2682560.MCARE X/OVE, SCC_D = T2691301.CL_VAL) ON T2682261.SCLAIM_SPRCS_CCYLE_VIM = '2167' WHERE ( T2681286.MARS PRCS CYLE NUM = '2167' AND	T2688594.LONG_DESC	AS	CI								
<pre>12094136.KERE HICNUM AS C20, 12094156.MCARE HICN BIC_CD AS c21 FROM ( ( ( ( ( MISOWN.CLAIM_TRANS T2685269 LEFT OUTER JOIN MISOWN.V REF MCARE PTA PAYOR CD 72681697. CD VAL 0N 72681697. CD VAL = 72685269.MCARE PTA PAYOR CD 72681697. 0N 72685269.MCARE PTB PAYER CD = 72687591.CD VAL) LEFT OUTER JOIN MISOWN.V REF MCARE XOVR SRC CD 72686493 0N 72685269.MCARE XOVR SRC CD = 72686493.CD VAL) LEFT OUTER JOIN MISOWN.V REF MCARE XOVR SRC CD 7268594 0N 72685269.MCARE XOVR SRC CD = 72686493.CD VAL) LEFT OUTER JOIN MISOWN.V REF DI PAYOR CD 72685594 0N 72685269.MCARE XOVR SRC CD = 72684156.HIC NUM_BEG DT AND 72694156.HIC_NUM_END_DT) LEFT OUTER JOIN MISOWN.V REF MCARE YTB PAYER CD 72681369 LEFT OUTER JOIN MISOWN.V REF MCARE PTB PAYER CD 72681369 LEFT OUTER JOIN MISOWN.V REF MCARE PTB PAYER CD 72681369 LEFT OUTER JOIN MISOWN.V REF MCARE PTB PAYER CD 72681369 LEFT OUTER JOIN MISOWN.V REF MCARE PTB PAYER CD 72681389 /* V REF MCARE PTB PAYER CD = 72685269.CLAIM TRANS_ID AND 72681366.AFG OI PAYER CD = 72685269.CLAIM TRANS_ID AND 72681366.SRV DT = 12685269.SRV DT) LEFT OUTER JOIN MISOWN.CLAIM POLY 2681286 ON 72681286.CLAIM TRANS_ID = 72685269.CLAIM TRANS_ID AND 72681366.SRV DT = 72685269.CLAIM TRANS_ID AND 72681286.CLAIM TRANS_ID = 72685269.CLAIM TRANS_ID AND 72681286.CLAIM TRANS_ID = 72685269.CLAIM TRANS_ID AND 72681286.SRV DT = 72685269.CLAIM TRANS_ID AND 72681286.CLAIM TRANS_ID = 72685269.SRV DT) LEFT OUTER JOIN MISOWN.CLAIM POLICY_COV T2682211 LEFT OUTER JOIN MISOWN.V REF POLICY_COV CD T2691301 ON 72682211.CLAIM TRANS_ID = 72665269.SRV DT WERE ( T2681286.MRS FRCS CYCLE NUM = '2167' WAERE ( T2681286.MRS FRCS CYCLE NUM = '2167' ND 72685280.SRV SRC _D = ''') ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6 </pre>	T2694156.EEDSS_USER_ID	AS	C18	з,							
12094136.UCARE_HIC_NOMAS C201FROM ( ( ( ( ( ( ( MISOWN.CLAIM_TRANS T2685269LEFT OUTER JOIN MISOWN.V REF MCARE_PTA_PAYOR_CD T2681697ON T2681697.CD_VAL = T2685269.MCARE_PTA_PAYOR_CD T2681697ON T2685269.MCARE_PTE PAYER_CD = T2687591.CD_VAL)LEFT OUTER JOIN MISOWN.V. REF MCARE_PTE_PAYER_CD T2687991ON T2685269.MCARE_PTE PAYER_CD = T2687591.CD_VAL)LEFT OUTER JOIN MISOWN.V. REF MCARE_XOVR_SCC_CD 42686493ON T2685269.MCARE_XOVR_SCC_D = T2686594.CD_VAL)LEFT OUTER JOIN MISOWN.V REF OF PAYER_CD 72685549.ON T2685269.NER ID = T2694156.HCR_VUL)LEFT OUTER JOIN MISOWN.V REF OF PAYER_CD 72681366ON T2685269.NER ID = T2694156.HER IDAND T2685269.NER ID = T2694156.HER IDNAND T2685269.NER ID = T2694156.HER IDAND T2685269.NER ID = T2694156.HER IDAND T2685269.NER ID = T2694156.HER IDNAND T2685269.NER ID = T2685269.CLAIM_TRANS_IDLEFT OUTER JOIN MISOWN.V REF MCARE_PTE PAYER_CD T2681839  /* V REF MCARE_PTE PAYER_CD = T2685269.CLAIM_TRANS_IDAND T2681366.LCAIM_TRANS_ID = T2685269.CLAIM_TRANS_IDAND T2681366.LCAIM_TRANS_ID = T2685269.CLAIM_TRANS_IDAND T2681266.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_IDAND T2681266.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_IDAND T2681266.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_IDAND T2681266.CLAIM_TRANS_ID = T2685269.SEV_DTLEFT OUTER JOIN MISOWN.V REF POLICY_COV CD T2691301ON T2682211.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_IDAND T2682211.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_IDAND T2682211.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_IDON T2682211.CLAIM_TRANS_ID = T2685269	T2694156.MBR_ID	AS	-20	9,							
<pre>Tresting the set of the set</pre>	T2694156.MCARE_HIC_NOM	AS	021	1							
<pre>New ('( ('( (') KIGOWALV REF MCARE PTA PAYOR CD 72681697 ON 72681697.CD VAL = T2685265.MCARE PTA PAYOR CD) LEFT OUTER JOIN MISOWN.V REF MCARE PTB PAYER CD 726867991 ON 72685269.MCARE PTB PAYER CD = T2687691.CD VAL) LEFT OUTER JOIN MISOWN.V REF MCARE XOVR SRC CD 72686493 ON 72685269.MCARE_XOVR_SRC_CD = 72686594.CD VAL) LEFT OUTER JOIN MISOWN.V REF OI PAYOR CD 72688594 ON 72685269.MCARE_XOVR_SRC_CD = 72686594.CD VAL) LEFT OUTER JOIN MISOWN.V REF MCARE XOVA LEFT OUTER JOIN MISOWN.V REF MCARE XOVAL) LEFT OUTER JOIN MISOWN.TH_MCARE HIC T2694156.HIC NUM_END_DT) LEFT OUTER JOIN MISOWN.TH_MCARE HIC T2694156.HIC NUM_END_DT) LEFT OUTER JOIN MISOWN.CLAIM_PROC 72681368 LEFT OUTER JOIN MISOWN.V REF MCARE PTB PAYER CD 72681839 //* V_REF_MCARE PTB PAYER CD = 72685269.CLAIM TRANS_ID AND 72681368.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND 72681368.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND 72681266.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND 72681286.NRV_DT = T2685269.CLAIM_TRANS_ID AND 72681286.NRV_DT = T2685269.CLAIM_TRANS_ID AND 72681286.NRV_DT = T2685269.CLAIM_TRANS_ID AND 72681281.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND 72681281.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND 72682211.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND 72685269.MCARE_XOVR_SRSC_CC = = P' ) DI O</pre>	FROM ( / ( / ( / MICOWN CIATM TRANG T269526	:0 AD	CZ I	L							
<pre>DEFI COLLE COLL TABLE DATE: In TABLE INFORMATE PROPERED TO TREAT ON TREE OF THE PAYOR CD) DEFT COUTER JOIN MISOWN.V REF MCARE PTB PAYER CD T2687991 CO N T2685269.MCARE PTB PAYER CD = T2687591.CD VAL) LEFT OUTER JOIN MISOWN.V REF MCARE XOVR SRC CD T2686493 ON T2685269.MCARE YOR SRC CD = T2686593.CD VAL) LEFT OUTER JOIN MISOWN.V REF OI PAYOR CD T2685294 ON T2685269.MER ID = T26949156.HC NUM BEG_DT AND T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN MISOWN.V REF OI PAYOR CD T2685269. DAT2685269.SRV DT BETWEEN T2694156.HC NUM BEG_DT AND T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN MISOWN.V REF OI PAYOR CD T2681368 LEFT OUTER JOIN MISOWN.V REF MCARE PTB PAYER CD T2681839     /* V REF MCARE PTB PAYER CD A3 *7 ON T2681368.CLAIM TRANS_ID = T2685269.CLAIM TRANS_ID AND T2681286.CLAIM TRANS_ID = T2685269.CLAIM TRANS_ID LEFT OUTER JOIN MISOWN.V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN.V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV T2682211 LEFT OUTER JOIN MISOWN V REF POLICY COV CD T2682201 ON T2682211.FPL POLICY COVE T2682569.CLAIM TRANS_ID AND T2682211.CLAIM TRANS_ID = T2685269.CLAIM TRANS_ID AND T2682211.CLAIM TRANS_FRCS_</pre>	LEFT OUTED JOIN MISOWN V DEE MCADE DTA DAVOD	CD T	2681	1697							
LEFT OUTER JOIN MISOWN.V REF_MCARE_PTB_PAYER_CD T2607991 ON T2655269.MCARE_PTB_PAYER_CD = T2687991.CD VAL) LEFT OUTER JOIN MISOWN.V REF_MCARE_YOVR_SRC_CD T2606493 ON T2655269.MCARE_XOVR_SRC_CD = T2606493.CD_VAL) LEFT OUTER JOIN MISOWN.V REF_MCARE_YOVR_SRC_CD T26086493 ON T2655269.MCARE_XOVR_SRC_CD = T2608594.CD_VAL) LEFT OUTER JOIN MISOWN.V REF_MCARE_YOLD T2608594 ON T2655269.SRV_DT BETWEEN T2694156.HIC_NUM_BEG_DT AND T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN MISOWN.VREF_MCARE_PTB_PAYER_CD T2601368 LEFT OUTER JOIN MISOWN.VREF_MCARE_PTB_PAYER_CD T2681869 /* V REF_MCARE_PTB_PAYER_CD_A3 */ ON T2681368.DRE_OIT_PAYER_CD_A269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681268.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681266 ON T2681266.CLAIM_TRANS_ID = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681269 ON T2681266.CLAIM_TRANS_ID = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681209.SRV_DT) LEFT OUTER JOIN MISOWN.VREF_FOLICY COV T2682211 LEFT OUTER JOIN MISOWN.VREF_FOLICY COV T2681301 ON T2682211.TEL POLICY COV_CD = T2691301.CD VAL) ON T2682211.TEL POLICY COV_CD = T2691301.CD VAL) ON T2682211.SRV_DT = T2685269.SRV_DT WHERE (T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2685269.MARE_YNCR SRC_CT	ON T2681697 CD VAL - T2685269 MCARE PTA DAVOR	CDI	2001	1057							
<pre>Dif to the information of t</pre>	LEFT OUTER JOIN MISOWN V REF MCARE DTB DAVER	CD T	2683	7991							
LEFT OUTER JOIN MISONN.V REF MCARE_XOVR SRC_CD T2686493 ON T2685269.MCARE_XOVR_SRC_CD = T2686493.CC VAL) LEFT OUTER JOIN MISONN.V REF OI PAYOR CD T268594 ON T2685269.OI PAYOR_CD = T2698594.CD VAL) LEFT OUTER JOIN MISONN.THL MCARE HIC T2694156. NT 2685269.MBR_ID = T2694156.MBR_ID AND T2685269.SRV_DT BETWEEN T2694156.HIC_NUM_BEG_DT AND T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN (MISOWN.V REF MCARE_PTB_PAYER_CD T2681839 /* V REF MCARE_PTB_PAYER_CD = T2681839.CD_VAL) ON T2681366.APG_OI_PAYER_CD = T2681839.CD_VAL) ON T2681366.APG_OI_PAYER_CD = T2681639.CD_VAL) ON T2681366.SRV_DT = T2685269.CLAIM_TRANS_ID AND T2681266.SRV_DT = T2685269.CLAIM_TRANS_ID AND T2681266.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN (MISOWN.CLAIM_DX T2681286 ON T2681286.CLAIM_TRANS_ID = T2685269.SRV_DT) LEFT OUTER JOIN (MISOWN.CLAIM_POLICY_COV T2682211 LEFT OUTER JOIN (MISOWN.V REF POLICY_COV CT 2681301 ON T2682211.TEL POLICY_COV_CD _ = T2691301.CD_VAL) ON T2682211.TEL POLICY_COV_CD _ = T2685269.SRV_DT MERE (T2681286.MARS_PRCS_CYCLE_NUM = '2167' WHERE (T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2682211.SRV_DT = T2685269.SRV_DT WHERE (T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2682211.SRV_DT = T2685269.SRV_DT ON T2682211.SRV_DT = T2685269.SRV_DT ON T2682211.SRV_DT = T2685269.CLAIM_TRANS_ID AND T2682211.SRV_DT = T2685269.SRV_DT ON T2682211.SRV_DT = T2685269.SRV_DT WHERE (T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2682211.SRV_DT = T2685269.SRV_DT WHERE (T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2682211.SRV_DT = T2685269.SRV_DT WHERE (T2681286.MARS_PRCS_CYCLE_NUM = '2167', ON CHARS_SC, ON CHARS_SC	ON T2685269 MCARE PTB PAYER CD = T2687991 CD	VAL	2001								
<pre>ON T2685269.MCARE_XOVR_SRC_CD = T2686493.cD_VAL) LEFT OUTER JOIN MISOWN.V REF OI PAYOR CD T2688594 ON T2685269.OI PAYOR CD = T2685594.CD_VAL) LEFT OUTER JOIN MISOWN.TLL MCARE_HIC T2694156 ON T2685269.MBR_ID = T2694156.HBR_ID AND T2685269.SRV_DT BBTWEEN T2694156.HIC_NUM_BEG_DT AND T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN MISOWN.V REF MCARE_PTB_PAYER_CD T2681839 (* V REF MCARE_PTB_PAYER_CD_A3 */ ON T2681368.APC_OI PAYER_CD_A3 */ ON T2681368.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2681368.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286 ON T2681286.SRV_DT = T2685269.CLAIM_TRANS_ID AND T2681286.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286 ON T2681286.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286 ON T2681286.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.V REF POLICY COV CD T2681231 LEFT OUTER JOIN MISOWN.V REF POLICY COV CD T2681230 ON T2682211.TPL_POLICY COV_CD = T2691301.CD_VAL) ON T2682211.TPL_POLICY_COV_CD = T2685269.SRV_DT AND T2682211.SRV_DT = T2685269.SRV_DT MISOWN.V REF POLICY COV_CD = T268130.CD_VAL) ON T2682211.SRV_DT = T2685269.SRV_DT MERE (T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2682211.SRV_SRC_SC_CTL = 'P') ) D1 ORDER BY C2,C3,C13,C14,C9,C10,C11,C12,C15,C16,C4,C20,C21,C22,C19,C17,C18,C7,C8,C5,C6</pre>	LEFT OUTER JOIN MISOWN V REF MCARE XOVE SEC O	D T2	6864	493							
LEFT OUTER JOIN MISOWN.V REF OI PAYOR CD T2688594 ON T2685269.OI PAYOR CD = T2688594.CD VAL) LEFT OUTER JOIN MISOWN.TPL MCARE HIC T2694156 ON T2685269.MBR ID = T2694156.MBR ID AND T2685269.SRV DT BETWEEN T2694156.HIC NUM BEG_DT AND T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN ( MISOWN.V REF MCARE PTB PAYER CD T2681839 /* V REF MCARE PTB PAYER CD A3 *7 ON T2681368.CLAIM TRANS_ID = T2685269.CLAIM TRANS_ID AND T2681368.CLAIM TRANS_ID = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286 ON T2681286.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286 ON T2681286.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286 ON T2681286.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DOLCY_COV T2682211 LEFT OUTER JOIN MISOWN.CLAIM_POLCY_COV T2691301 ON T2682211.TFL POLICY_COV_CD = T2685269.SRV_DT ON T2682211.SRV_DT = T2685269.SRV_DT AND T2681286.MARS_FOLLY COV_CD = T2685269.SRV_DT MISOWN.V REF POLICY_COV_CD T2682310 ON T2682211.SRV_DT = T2685269.SRV_DT MERE ( T2681286.MARS_FOLLY COV_CD = T2685269.SRV_DT WHERE ( T2681286.MARS_FOLLY COV_ST = T2685269.SRV_DT MISOWNER SOUND	ON T2685269. MCARE XOVE SEC CD = T2686493. CD V	(AL)									
ON T2685269.OI PAYOR_CD = T268594.CD_VAL) LEFT OUTER JOIN MISOWN.TPL_MCARE_HIC T2694156 ON T2685269.MBR ID = T2694156.MBR ID AND T2685269.SRV DT BETWEEN T2694156.HIC_NUM_BEG_DT AND T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN ( MISOWN.V REF MCARE_PTB_PAYER_CD T2681839 / * V REF MCARE_PTB_PAYER_CD_33 */ ON T2681366.AFG_OI PAYER_CD = T2681639.CD_VAL) ON T2681366.AFG_OI PAYER_CD = T2681529.CLAIM_TRANS_ID AND T2681366.SRV DT = T2685269.CLAIM_TRANS_ID LEFT OUTER JOIN ( MISOWN.CLAIM_DX T2681286 ON T2681286.SRV DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286 ON T2681286.SRV DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_POLICY_COV_T2681201 LEFT OUTER JOIN MISOWN.CLAIM_POLICY_COV_T2691301 ON T2682211.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_POLICY_COV_CD T2691301 ON T2682211.TPL POLICY_COV_CD = T2691301.CD_VAL) ON T2682211.SRV_DT = T2685269.SRV_DT WHERE ( T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2682210.SRV_DT = T2685269.SRV_DT WHERE ( T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2685269.SRV_DT SRC_CYCLE_SCN = 'P') ) D1 ORDER BY C2,C3,C13,C14,C9,C10,C11,C12,C15,C16,C4,C20,C21,C22,C19,C17,C18,C7,C8,C5,C6	LEFT OUTER JOIN MISOWN.V REF OI PAYOR CD T268	8594									
LEFT OUTER JOIN MISOWN.TPL MCARE HIC T2694156 ON T2685269.SRV DT BETWEEN T2694156.HIC_NUM_BEG_DT AND T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN (MISOWN.CLAIM_PROC T2691368 LEFT OUTER JOIN MISOWN.VREF_MCARE_PTB_PAYER_CD T2681839 / * V_REF_MCARE_PTB_PAYER_CD_A3 */ ON T2681368.APG_OI_PAYER_CD_= T2681839.CD_VAL) ON T2681368.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2681368.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2681286.SRV_DT = T2685269.CLAIM_TRANS_ID AND T2681286.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2681286.SRV_DT = T2685269.CLAIM_TRANS_ID AND T2681286.SRV_DT = T2685269.CLAIM_TRANS_ID AND T2681286.SRV_DT = T2685269.CLAIM_TRANS_ID AND T2681286.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN (MISOWN.CLAIM_DOLICY_COV_T2682211 LEFT OUTER JOIN (MISOWN.V REF_POLICY_COV_CD T2691301 ON T2682211.TPL_POLICY_COV_CD = T2691301.CD_VAL) ON T2682211.SRV_DT = T2685269.SRV_DT WHERE (T2681286.MARS_PCS_CYCLE_NUM = '2167' WHERE (T2681286.MARS_PCS_CYCLE_NUM = '2167' AND T2681286.MARS_PCS_CYCLE_NUM = '2167' AND T2682269.SRC_ARS_PCS_CYCLE_NUM = '2167' AND T2682269.CLAIM_SPC_CD = 'P') ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	ON T2685269.01 PAYOR CD = T2688594.CD VAL)										
<pre>ON T2685269.MBE ID = T2694T56.MBE ID AND T2685269.SRU_DT BETWEEN T2694T56.HIC_NUM_BEG_DT AND T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN ( MISOWN.CLAIM_PROC T2681368 LEFT OUTER JOIN MISOWN.V REF MCARE PTB PAYER_CD T2681839 / * V REF MCARE PTB PAYER_CD A3 * 7 ON T2681368.APG OI_PAYER_CD = T2681839.CD_VAL) ON T2681366.CLAIM TRANS_ID = T2685269.CLAIM TRANS_ID AND T2681366.SRU_DT = T2685269.SRU_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286 ON T2681286.SRU_DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286.CLAIM_TRANS_ID AND T2681286.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_POLICY_COV T2682211 LEFT OUTER JOIN MISOWN.CLAIM_POLICY_COV CD T2691301 ON T2682211.TFL POLICY_COV_CD = T2691301.CD_VAL) ON T2682211.TFL POLICY_COV_CD = T2685269.SRV_DT ON T2682211.SRV_DT = T2685269.SRV_DT MHERE ( T2681286.MARS_PCS_CYCLE_NUM = '2167' AND T268228.MCARE_XOWR_SRC_CD = 'P') ) D1 ORDER BY C2,C3,C13,C14,C9,C10,C11,C12,C15,C16,C4,C20,C21,C22,C19,C17,C18,C7,C8,c5,C6</pre>	LEFT OUTER JOIN MISOWN.TPL MCARE HIC T2694156	5									
AND T2685269.SRU DT BETWEEN T2694156.HIC NUM_BEG_DT AND T2694156.HIC_NUM_END_DT) LEFT OUTER JOIN ( MISOWN.CLAIM_PROC T2681369 LEFT OUTER JOIN MISOWN.V REF MCARE_PTB_PAYER_CD T2681839 / * V.REF_MCARE_PTB_PAYER_CD_A3 */ ON T2681368.CLAIM_TRANS_ID = T2681269.CLAIM_TRANS_ID AND T2681368.SRU DT = T2685269.CLAIM_TRANS_ID LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286 ON T2681286.CLAIM_TRANS_ID = T2685269.SRU_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286 ON T2681286.CLAIM_TRANS_ID = T2685269.SRU_DT) LEFT OUTER JOIN MISOWN.CLAIM_OLICY_COV_T2682211 LEFT OUTER JOIN MISOWN.CLAIM_POLICY_COV_T2691301 ON T2682211.CLAIM_TRANS_ID = T2685269.SRU_DT) LEFT OUTER JOIN MISOWN.CLAIM_POLICY_COV_CD T2691301 ON T2682211.CLAIM_TRANS_ID = T2685269.SRV_DT MEXEMPLOYER JOIN MISOWN.CLAIM_POLICY_COV_CD T2691301 ON T2682211.SRU_DT = T2685269.SRV_DT WHERE ( T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2682269.SRCARE_XOR_SRCS_CTCLE_ = 'P') ) D1 ORDER BY C2,C3,C13,C14,C9,C10,C11,C12,C15,C16,C4,C20,C21,C22,C19,C17,C18,C7,C8,C5,C6	ON T2685269.MBR ID = T2694156.MBR ID										
LEFT OUTER JOIN T MISOWN.CLAIM PROC T268 368 LEFT OUTER JOIN MISOWN.V REF MCARE_PTB_PAYER_CD T2681839 /* V REF MCARE_PTB_PAYER_CD_A3 *7 ON T2681368.AFG_OI_PAYER_CD_= T2681839.CD_VAL) ON T2681368.CLAIM TRANS_ID = T2685269.CLAIM TRANS_ID AND T2681368.CLAIM TRANS_ID = T2685269.CLAIM TRANS_ID AND T2681286.CLAIM TRANS_ID = T2685269.CLAIM TRANS_ID AND T2681286.SRV_DT = T2685269.CLAIM TRANS_ID AND T2681286.SRV_DT = T2685269.CLAIM TRANS_ID AND T2681286.SRV_DT = T2685269.CLAIM TRANS_ID AND T2681286.SRV_DT = T2685269.CLAIM TRANS_ID ON T2681286.SRV_DT = T2685269.CLAIM TRANS_ID AND T2681281.TPL POLICY_COV_CD T2691301 ON T2682211.TPL POLICY_COV_CD = T2691301.CD_VAL) ON T2682211.SRV_DT = T2685269.SRV_DT WHERE (T2681286.MARS_PRCS_CYCLE_NUM = '2167' WHERE (T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2682269.SRC_ARE_XOVR_SRC_CD = 'P') ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	AND T2685269.SRV DT BETWEEN T2694156.HIC NUM	BEG	DT I	AND T26	94156.H	IC NUM	END DT)				
LEFT OUTER JOIN MISOWN.V REF MCARE PTB PAYER_CD 72681839 /* V REF_MCARE_PTB_PAYER_CD_A3 */ ON 72681366.AFG_OI PAYER_CD = 72681839.CD_VAL) ON 72681366.CLAIM TRANS_ID = 72685269.CLAIM TRANS_ID AND 72681286.SRV_DT = 72685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX 72681286 ON 72681286.SRV_DT = 72685269.CLAIM TRANS_ID AND 72681286.SRV_DT = 72685269.CLAIM_TRANS_ID AND 72681286.SRV_DT = 72685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_POLICY_COV T2682211 LEFT OUTER JOIN MISOWN.VREF POLICY_COV CD 726812011 ON 72682211.TEL POLICY_COV_CD = 72691301.CD_VAL) ON 72682211.CLAIM_TRANS_ID = 72685269.CLAIM_TRANS_ID AND 72682211.SRV_DT = 72685269.SRV_DT WHERE ( T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND 72682210.SRV_DT = Y') ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	LEFT OUTER JOIN ( MISOWN.CLAIM PROC T2681368					_	`				
<pre>/* V.REF_MCARE_PTB_PAYER_CD_A3 */</pre>	LEFT OUTER JOIN MISOWN.V REF MCARE PTB PAYER	CD T	2681	1839							
ON T2681368.AFG OI PÄYER_CD = T2681839.CD_VAL) ON T2681368.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2681368.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286 ON T2681286.CLAIM_TRANS_ID = T2685269.SRV_DT) LEFT OUTER JOIN ( MISOWN.CLAIM_POLICY_COV_T2682211 LEFT OUTER JOIN MISOWN.V REF POLICY_COV_CD T2691301 ON T2682211.TPL POLICY_COV_CD = T2691301.CD_VAL) ON T2682211.CLAIM_TRANS_ID = T2685269.SRV_DT AND T2682211.SRV_DT = T2685269.SRV_DT MERE ( T2681286.MARS_PCS_CYCLE_NUM = '2167' AND T268226.MCARE_XOVR_SRC_CD = 'P') ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	/* V_REF_MCARE_PTB_PAYER_CD_A3 */										
ON T2681368.CLAIM TRANS_ID = T2685269.CLAIM TRANS_ID AND T2681368.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286 ON T2681286.CLAIM TRANS_ID = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_POLICY_COV_T2682211 LEFT OUTER JOIN MISOWN.CLAIM_POLICY_COV_T2691301 ON T2682211.TPL POLICY_COV_CD = T2691301.CD_VAL) ON T2682211.CLAIM_TRANS_ID = T2685269.SRV_DT = T2685269.SRV_DT WHERE (T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2682210.SRV_RS_RCS_CYCLE_NUM = '2167' AND T268226.MCARE_XOVR_SRC_DT = 'P') ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	ON T2681368.APG_OI_PAYER_CD = T2681839.CD_VAI	.)									
AND T2681368.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286 ON T2681286.CLAIM TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2681286.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN (MISOWN.VIALM_POLICY_COV_T2682211 LEFT OUTER JOIN MISOWN.V REF POLICY_COV_CD T2691301 ON T2682211.TPL_POLICY_COV_CD = T2691301.CD_VAL) ON T2682211.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2682211.SRV_DT = T2685269.SRV_DT WHERE ( T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T268226.MCARE_XOVR_SRC_CD = 'P') ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	ON T2681368.CLAIM_TRANS_ID = T2685269.CLAIM_	TRAN	S_II	D							
LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286 ON T2681286.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2681286.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN MISOWN.CLAIM_POLICY_COV T2682211 LEFT OUTER JOIN MISOWN.V REF POLICY_COV_CD T2691301 ON T2682211.TFL POLICY_COV_CD = T2691301.CD_VAL) ON T2682211.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2682211.SRV_DT = T2685269.SRV_DT WHERE ( T2681286.MARS_PCS_CYCLE_NUM = '2167' WHERE ( T2681286.MARS_PCS_CYCLE_NUM = '2167' AND T2682269.MCARE_XOVR_SRC_CD = 'P') ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	AND T2681368.SRV_DT = T2685269.SRV_DT	·)									
ON T2681286.CLAIM TRANS_ID = T2685269.CLAIM TRANS_ID AND T2681286.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN ( MISOWN.CLAIM_POLICY_COV T2682211 LEFT OUTER JOIN ( MISOWN.V.REF_POLICY_COV_CD T2691301 ON T2682211.TPL_POLICY_COV_CD = T2691301.CD_VAL) ON T2682211.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2682211.SRV_DT = T2685269.SRV_DT WHERE ( T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2685269.MCARE_XOVR_SRC_CD = 'P') ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	LEFT OUTER JOIN MISOWN.CLAIM_DX T2681286										
AND T2681286.SRV_DT = T2685269.SRV_DT) LEFT OUTER JOIN ( MISOWN.CLAIM_POLICY_COV_T2682211 LEFT OUTER JOIN MISOWN.V REF POLICY_COV_CD T2691301 ON T2682211.TPL_POLICY_COV_CD = T2691301.CD_VAL) ON T2682211.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2682211.SRV_DT = T2685269.SRV_DT WHERE ( T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2685269.MCARE_XOVR_SRC_CD = 'P') ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	ON T2681286.CLAIM_TRANS_ID = T2685269.CLAIM_T	RANS	_ID								
LEFT OUTER JOIN (MISOWN.CLAIM_POLICY_COV_T2682211 LEFT OUTER JOIN MISOWN.VEREF POLICY_COV_CD_T2691301 ON T2682211.TPL POLICY_COV_CD = T2691301.CD_VAL) ON T2682211.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2682211.SRV_DT = T2685269.SRV_DT WHERE (T2681286_MARS_PRCS_CYCLE_NUM = '2167' AND T2685269.GNCARE_XOVE_SRC_CD = 'P') ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	AND T2681286.SRV_DT = T2685269.SRV_DT)										
LEFT OUTER JOIN MISOWN.V.REF POLICY COV_CD T2691301 ON T2682211.TPL POLICY COV_CD = T2691301.CD_VAL) ON T2682211.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2682211.SRV_DT = T2685269.SRV_DT WHERE ( T2681286_MARS_PRCS_CYCLE_NUM = '2167' AND T2685269.MCARE_XOVR_SRC_CD = 'P') ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	LEFT OUTER JOIN ( MISOWN.CLAIM_POLICY_COV T26	8221	1								
ON T2682211.TPL_POLICY_COV_CD = T2691301.CD_VAL) ON T2682211.CLAIM_TRANS_ID = T2685269.CLAIM_TRANS_ID AND T2682211.SRV_DT = T2685269.SRV_DT WHERE ( T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2685269.MCARE_XOVR_SRC_CD = 'P') ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	LEFT OUTER JOIN MISOWN.V_REF_POLICY_COV_CD T2	26913	01								
ON T2682211.CLAIM TRANS_ID = T2685269.CLAIM TRANS_ID AND T2682211.SRV_DT = T2685269.SRV_DT WHERE ( T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2685269.MCARE_XOVR_SRC_CD = 'P' ) ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	ON T2682211.TPL_POLICY_COV_CD = T26913	301.C	D_V/	AL)							
AND T26852211.SRV_DT = T2685269.SRV_DT WHERE ( T2681286.MARS_PRCS_CYCLE_NUM = '2167' AND T2685269.MCARE_XOVR_SRC_CD = 'P') ) D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	ON T2682211.CLAIM_TRANS_ID = T26852	69.C	LAIN	M_TRANS	_ID						
WHERE ( 12651286.MARS_EXCS_CYCLE_NUM = '216' AND T2685269.MCARE_XOVT_SRC_C = 'P') D1 ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	AND T2682211.SRV_DT = $T26852$	:69.S	KV_I	D.I.							
AND T2685269.MCARE_X0VK_SKC_CD = 'P' ) DI ORDER BY c2,c3,c13,c14,c9,c10,c11,c12,c15,c16,c4,c20,c21,c22,c19,c17,c18,c7,c8,c5,c6	WHERE ( T2681286.MARS_PRCS_CYCLE_NUM = '2167'										
UKUEK BI CZ,C3,C13,C14,C3,C10,C11,C12,C15,C16,C4,C20,C21,C22,C19,C17,C18,C7,C8,C5,C6	AND T2665269.MCARE_XOVR_SRC_CD = 'P') ODDED DX c2 c2 c12 c14 c0 c10 c11 c12 c15 c16	) D	1	21 ~20	10 017	-10 -	7				
	UKDEK BI C2,C3,C13,C14,C9,C10,C11,C12,C15,C16,C	:4 <b>,</b> C2	0,02	<1,CZZ,	519 <b>,</b> CI7	, C18, C	1,08,05,06				





Day 2

#### **Customer OBIEE Usage Statistics**

#### Day 1

STATUS	COUNT	PERCENTAGE
0 - The query completed successfully with no	690	99.9%
errors		
2 - The query failed because row limits were exceeded	0	0%
3 = The query failed due to some other reason	1	0.1%

TIME	COUNT	PERCENTAGE
A - Less than 1 minute	629	91.0%
B - 1-3 minutes	49	7.1%
C - 3-5 minutes	6	0.9%
D - 5-10 minutes	7	1.0%

STATUS	COUNT	PERCENTAGE
0 - The query completed successfully with no	732	100.0%
errors		
2 - The query failed because row limits were	0	0%
exceeded		
3 = The query failed due to some other reason	0	0%

TIME	COUNT	PERCENTAGE
A - Less than 1 minute	718	98.1%
B - 1-3 minutes	10	1.4%
C - 3-5 minutes	2	0.3%
D - 5-10 minutes	1	0.1%
E - 10-20 minutes	1	0.1%



Excelero

# **Questions?**