Appendix 1

Setting up Data Label- Label Component-policy1

Appendix 2

Setting up Data Label of policy1

Appendix 3

Setting up Use's Label of policy1

Appendix 4

Detail of Use's Label of policy 1
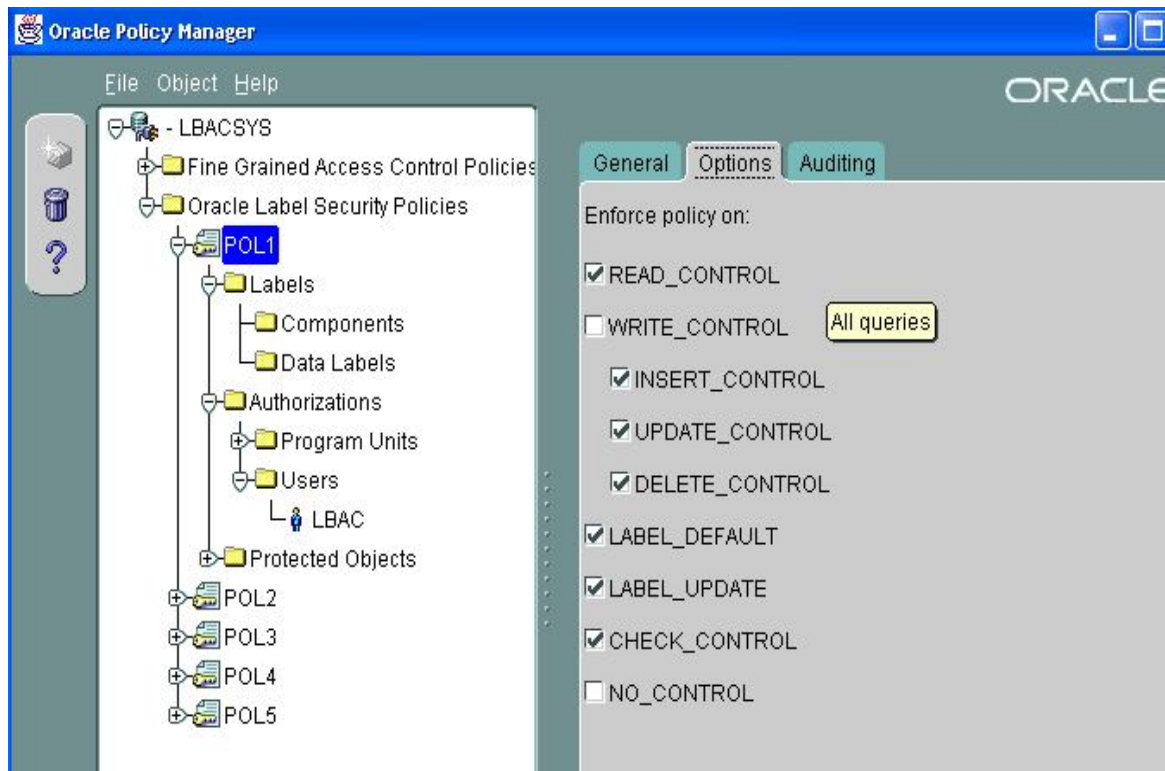
Appendix 5

Figure 5.5: Data retrieving of policy 1

(The shadow Column Represents Data Label of tuple)

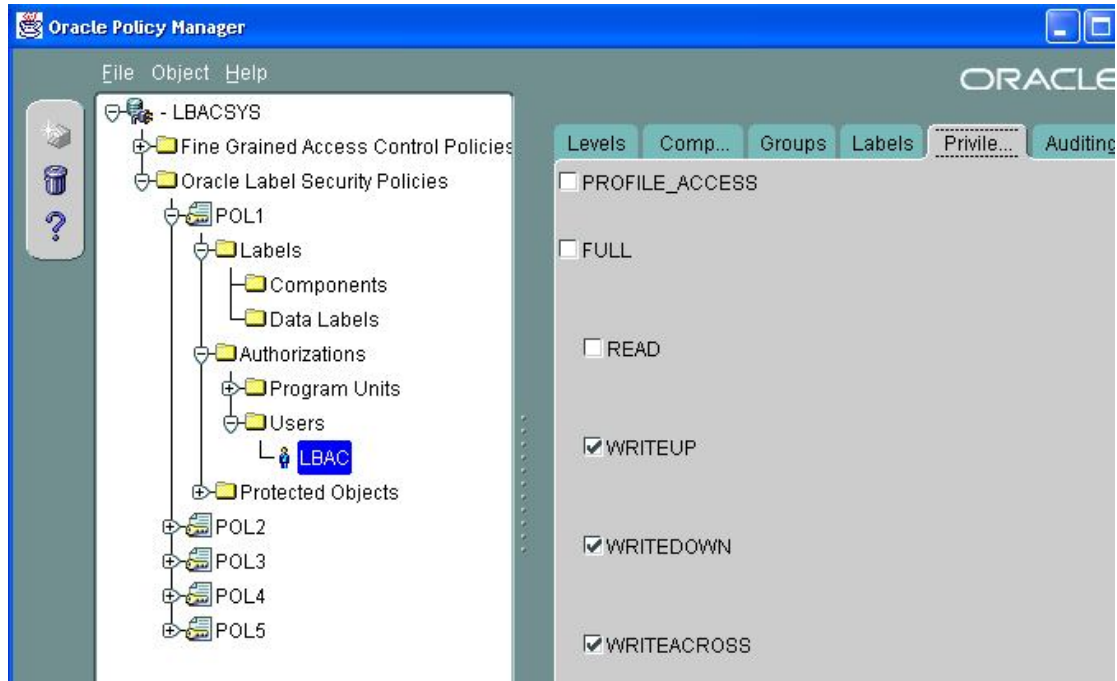| LINE2_NUMBER_STREET	LINE3_AREA_LOCATING	CITY1	ZIP_POSTCODE	STATE_PROVICE_COUNTRY	COUNTRY	POL1	OTHER_ADDRE:
11	11	11	11	11	11	2	11
1	1	1	1	1	1720	2	1
12	12	12	12	12	12	2	12
13	13	13	13	13	13	2	13
14	14	14	14	14	14	2	14
15	15	15	15	15	15	2	15
16	16	16	16	16	16	2	16
1	1	1	1	1	41	2	1
2	2	2	2	2	43	2	2
2	2	2	2	2	44	1	2
2	2	2	2	2	45	1	2
3	3	3	3	3	47	1	3

Appendix 6

Setting up Access Control Options of Policy1

Appendix 7

Setting Up Row Label Security Privileges-Policy1

Appendix 8

Message Error Shows Violation of Some Restrictions on Policy1

Appendix 9

Setting up Data Label- Label Component on Policy2

Appendix 10

Setting up Data Label of Policy2

Appendix 11

Detail of Use's Label of Policy 2
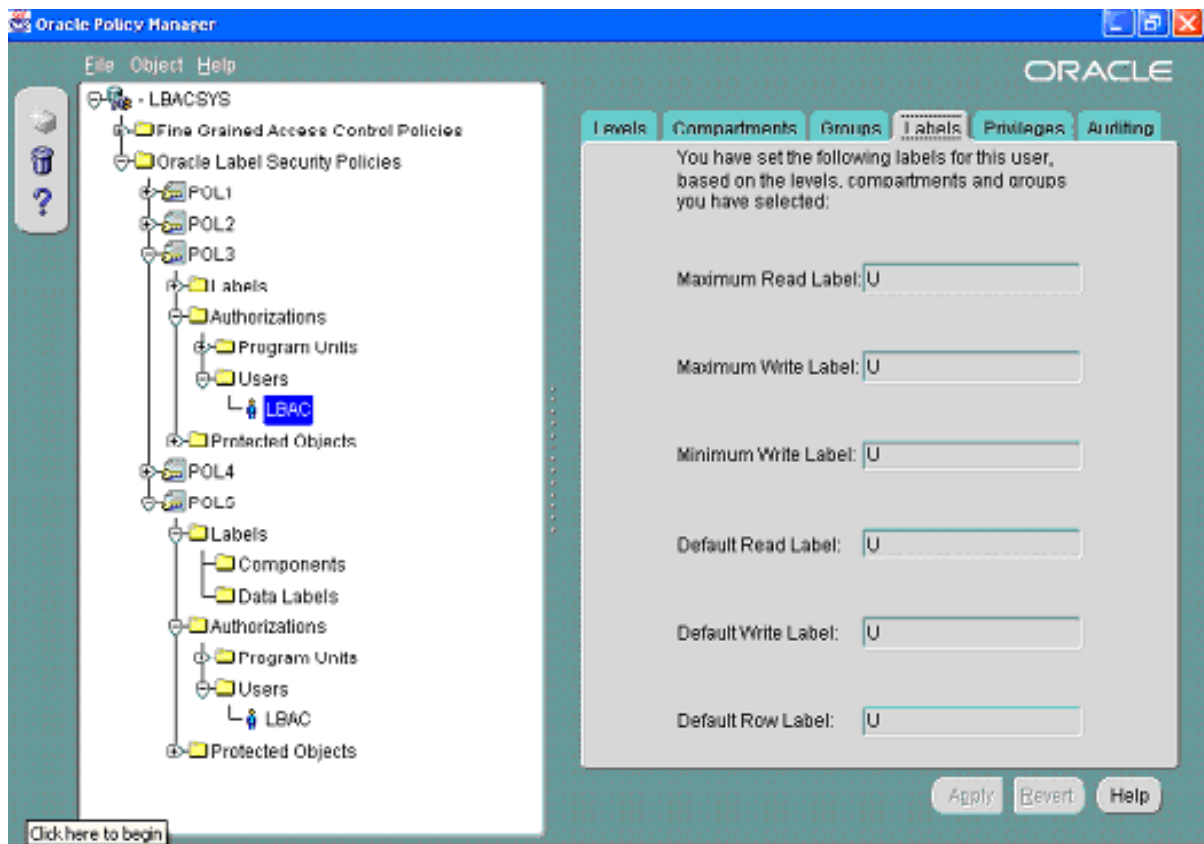
Appendix 12
Setting up Access Control Options of Policy2
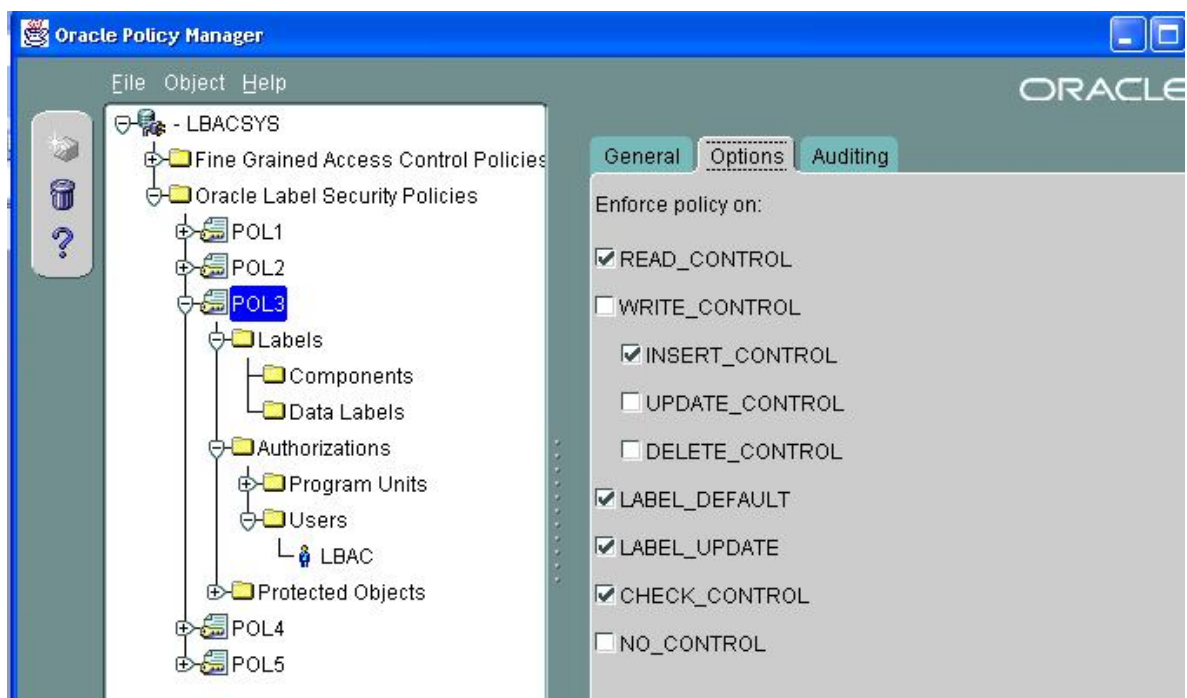
Appendix 13

Result of Read Request of Policy 2

LIB_CLS	LIBRARY_ID	ADDRESS_ID	LIBRARY_NAME	LIBRARY_DETAILS	POL1	SA_LABEL
1	1	1	1	1	2	111
1	61	1	1	2	2	111
1	262	1	4	9	2	111
1	263	1	4	9	2	111
1	264	1	4	9	2	111
1	265	1	4	9	2	111
1	266	1	4	9	2	111
1	267	1	4	9	2	111
1	268	1	4	9	2	111
2	135	2	2	2	2	111

Appendix 14

Detail of Use's Label of Policy 3

(User LBAC has no label security)
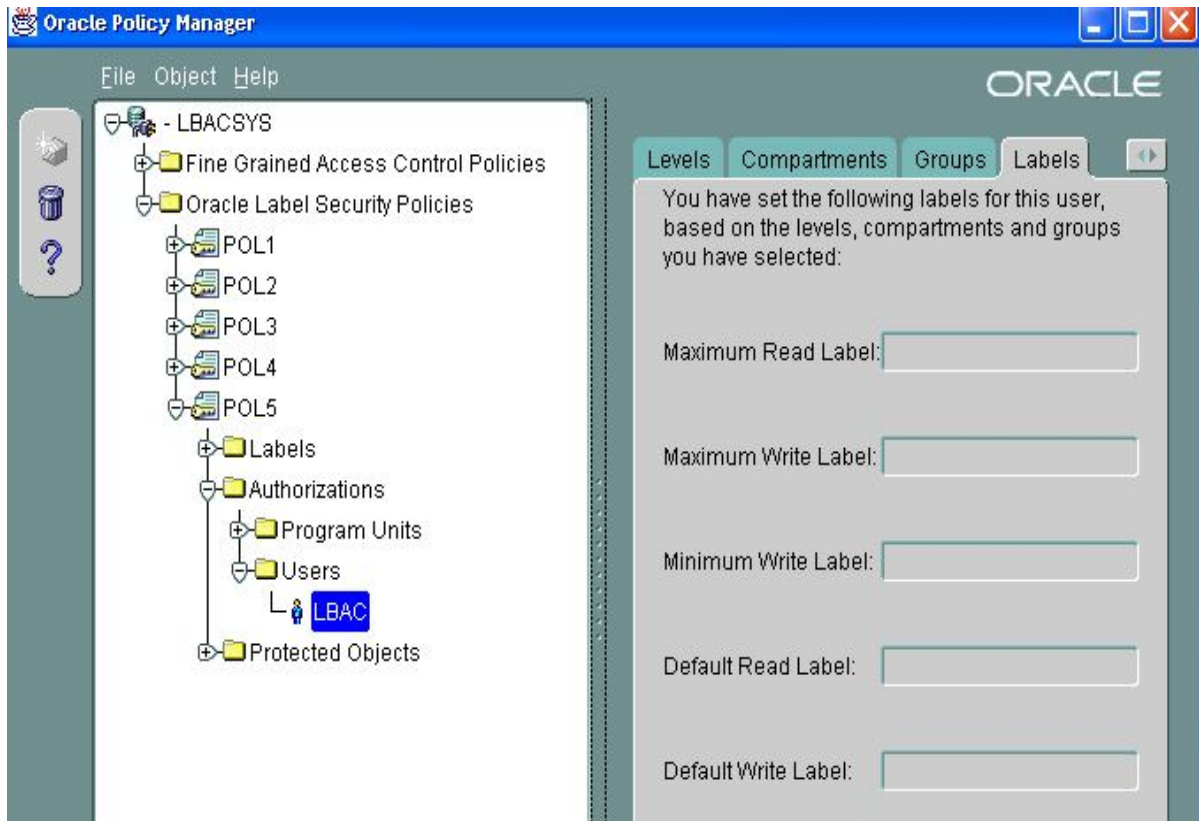
Appendix 15

The Result of Read Request of Policy 3

LIB_CLS	LIBRARY_ID	ADDRESS_ID	LIBRARY_NAME	LIBRARY_DETAILS	POL1	SA_LABEL
4	82	4	4	4	2	444
4	101	5	7	88	2	333
4	102	5	7	88	2	222
4	103	5	7	88	2	111
4	104	5	7	88	2	222
4	151	4	4	4	2	222
4	152	4	4	4	2	222
4	153	4	4	4	2	222
4	154	4	4	4	2	222
4	155	4	4	4	2	222
4	156	4	4	4	2	333
4	157	4	4	4	2	333
4	158	4	4	4	2	333
4	159	4	4	4	2	333
4	160	4	4	4	2	333