Oracle® Enterprise Manager

Grid Control List of Bugs Fixed for Linux x86-64

10g Release 4 (10.2.0.4.0)

E12310-01

April 2008

The List of Bugs Fixed document is one of the documents that is bundled with the 10.2.0.4.0 Grid Control Patch Set. The document provides a list of generic bugs that were fixed in Oracle Enterprise Manager Grid Control 10g Release 4 (10.2.0.4.0).

This document contains the following:

- Patch Set Documentation
- Bugs Addressed in this Patch Set
- Documentation Accessibility

1 Patch Set Documentation

There are two documents related to this release of Grid Control patch set:

• Oracle Enterprise Manager Grid Control Release Notes, 10g Release 4 (10.2.0.4.0)

This document provides:

- A list of new features included in this patch set
- Information about how to install or de-install the patch set
- A list of known issues relating to this release of Grid Control patch set
- Oracle Enterprise Manager Grid Control List of Bugs Fixed, 10g Release 4 (10.2.0.4.0) (this document)

This document provides a list of all generic bugs related to Grid Control that have been fixed in this release.

Both these documents are included with the 10.2.0.4.0 patch set. You can also find a consolidated document, which has the Document ID 560852.1, on Oracle*MetaLink* at:

http://metalink.oracle.com/

To locate document 560852.1:

- 1. Click **Advanced** at the top of the Oracle*MetaLink* page.
- 2. Enter 560852.1 in the Document ID field and click Submit.

2 Bugs Addressed in this Patch Set

This section describes the bugs addressed in this patch set:

ORACLE

Note: This list of fixed bugs was current at the time when the patch set was released. Information about these fixed bugs may be revised after release of the patch set. Refer to Oracle*MetaLink* for Document ID 560852.1 for any post-release updates.

2.1 Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

 Table 1
 Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

	0		-
Base Bug	Product	Component	Subject
4604258	1370	PLUGIN	NEED CLEAR_MESSAGE FOR YOUR RESPONSE METRIC IN YOUR DEFAULT_ COLL FILE
5175958	1370	ECM	INV COLLECTION SHOULD COLLECT INV INFO FROM STRAY ORACLE HOMES
4503079	1370	SECURITY	EMCTL SECURE STATUS GIVES WRONG RESULT
5203609	1370	AGENT	VARIOUS DATABASE METRIC COLLECTION ERRORS NOT CLEARED AFTER WORKING
5409276	1370	NOTIFY	EM.NOTIFICATION.SHORT_FORMAT BREAKS SHORT MESSAGE SYSTEM
5357916	1370	REPOSITORY	PARTITION MAINTENANCE ROUTINE INCLUDES THE RECOMPILE INVALID OBJECTS CODE
5404537	1370	REPOSITORY	NEED A MECHANISM FOR AUTOMATICALLY UPPING THE SCHEMA VERSION IN EMGC LABELS
5071165	1370	AGENT	EMCTL START SUBAGENT ON WINDOWS TRIES TO RUN UNIX COMMANDS
4867109	1370	HOST	SWAP_AREA_STATUS: NMEEGD_ GETMETRICDATA FAILED : RESULT HAS REPEATING KEY VALUE
5448666	1370	REPOSITORY	MISMATCH BETWEEN PING AND CURRENT AVAILABILITY FOR TARGETS
5556081	1370	SECURITY	SECURING DATABASE CONTROL FAILS ON WINDOWS
5350784	1370	HOST	SUPPORT FOR ALL STP PLATFORMS NOT THERE IN "PARSE-LOG1.PL"
5527863	1370	AGENT	SNMP REQUESTS FOR ORADBTABLESPACETABLE WILL MISS FULL TABLESPACES
5138229	1370	ECM	INVALID INTERFACE NAME IPV4: IFCONFIG: NO SUCH INTERFACE USAGE FOR IFCONFIG
5577035	1370	EM_REPORTS	WEB APPLICATION PAGE PERFORMANCE REPORTS GIVE JAVA.LANG.CLASSCASTEXCEPTION
5347288	1370	HOST	CPU IN I/O WAIT METRICS IS INCORRECT

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
4703814	1370	AGENT	OEM CANNOT PROGRESS BACKUP JOB AND JOB STATUS HAS NOT CHANGED
5072477	1370	AGENT	NUMEROUS MEM MGMT DATASTRUCTURES ERRORS IN EMAGENT.NOHUP
4970400	1370	CONSOLE	NULLPOINTEREXCEPTION THROWN BY USERAGENTUTIL
5590461	1370	REPOSITORY	DELETING A HOST LEAVES AN ORPHAN AGENT IN REPOSITORY ORA-1403
5589962	1370	JOB	SECURITY: SYSMAN.MGMT_JOB_ENGINE HAS 2 SQL CODING VIOLATIONS
5496027	1370	OMS	ALERT MESSAGE FOR UDM IS NOT REFLECTED ON TARGET WHEN UDM IS APPLIED USING TEMPL
5038684	1370	HOST	HOSTS METRICS HISTORICAL PERFORMANCE DATE ONLY CONSIDERS 16 OUT OF 200 DISKS
5594480	1370	CLONE	CLONING FROM A CLUSTERED INSTANCE IS NOT WORKING
4742179	1370	HOST	UPTIME DISPLAY FOR HARDWARE TARGET IS INCORRECT
5076516	1370	AGENT	UPTIME DISPLAY FOR HOST IS NOT IN DATE-TIME FORMAT
3239078	1370	AGENT	EMD-1006 ON REMOTEOPERATIONARGUMENT THROWN BY AGENT
4690814	1370	HOST	CANNOT DETERMINE PRIMARY HOST ARCHITECTURE DG MANAGER CREATING DATA GUARD CONFIG
5382668	1370	OMS	EM_PURGE.APPLY_PURGE_POLICIES RUNNING FOR 4 DAYS
5637472	1370	CONSOLE	TIME ON LAST UPDATE OF THE "COLLECTION TIMESTAMP" FOR UDM IS 2HR OUT.
5757448	1370	IDM	LDAP METRICS ON THE GRIDCONTROL MONITORING SHOWS NO DATA
5757484	1370	OMS	OCS RTC SERVICE- NO DATA RETURNED FOR CONFERENCE MINS METRIC
5583753	1370	ESP	CHANGE TO USER IN EM GRID FORCES DISTINGUISHED NAME TO ALL UPPER CASE
5646376	1370	OMS	ERROR WHILE UPDATING TIMESTAMPS FOR PING TABLES WITH AUDIT ON
4948589	1370	AGENT	NO RESPONSE FROM :0 ERROR THROWN BY DMS FETCHLET
5753102	1370	AGENT	AGENT ON SPARC SOLARIS 10 64BIT CAUSING CORE DUMPS

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5842718	1370	HOST	EMC STORAGE MODULE DOES NOT RETURN FRONT-END ADAPTER PORT
4888804	1370	CMD_EXEC	EXECUTE HOST COMMAND:WRONG TIME SHOW ON EXECUTE RESULT REPORT
5748195	1370	AGENT	IAS 10.1.2 TARGETS SHOW METRIC COLLECTION ERRORS
4631077	1370	MGMT_SYS	RELATED METRIC ERRORS LINK INCORRECT ON MS OVERVIEW PAGE
5152908	1370	REPOSITORY	DB UDM DELETION IGNORES METRIC_ DELETION_ENABLED=FALSE
5706403	1370	REPOSITORY	SERVICE DASHBOARD REPORT TAKES 62 SECOND TO LOAD
5019532	1370	CONSOLE	ALERT LOG ERRORS CLEAR DOESN'T WORK, INCONSISTENT WITH ALERT HISTORY PAGE
5751020	1370	CLONE	OH CLONING FAILS IF CENTRAL INVENTORIES ARE DIFFERENT
5496821	1370	NOTIFY	OMSTRAP.V1 FILE MISSING IN 10.2 AGENT INSTALL
5336607	1370	HOST	FREE MEMORY CALCULATION IN LINUX KERNEL 2.X FOR ONDEMAND CUSTOMERS
5738247	1370	REPOSITORY	REVERSE PING NEEDS TO USE THREADPOOLS
5439873	1370	INSTALL	PATCHING OF AIX AGENT FAILS FROM LINUX OMS IN STEP APPLYSTANDALONEPATCHUNIX
5840600	1370	CONSOLE	DB11: ENABLE SYSASM LOGIN FROM EMCORE
5870298	1370	AGENT	SCP:AGENT STARTUP TIME FOR LARGE NUMBER OF TARGETS IS TOO LONG
5889041	1370	REPORTS	SERVICE NAME TRUNCATED ON SERVICE DASHBOARD WHEN SERVICE NAME LENGTH > 20 CHAR
5858812	1370	РАТСН	EMCLI TEMPLATE CHANGES FOR PATCHING AND PROVISIONING PROCEDURES
5841247	1370	РАТСН	SPACE MISSING "REFRESHFROMMETALINK"&"ARCHIVETR ACEFILE"
5705867	1370	EM_REPORTS	IN SERVICE LEVEL VIOLATIONS TABLE, REPLACE RCA WITH ANNOTATIONS INFORMATION
5382275	1370	CLI	OEM CHANGE PASSWORD PROBLEM ORA-20233 WITH EMCLI
5656472	1370	AGENT	NUMEROUS MEM MGMT DATASTRUCTURES ERRORS IN EMAGENT.NOHUP

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5665954	1370	HOST	HOSTPAGINGACTIVITY.PL NEEDS UPDATE FOR RECENT VERSIONS OF REDHAT LINUX
5706521	1370	CSM	STACKOVERFLOWEXCEPTION IF VARIABLE THAT DOES NOT EXIST IN TEMPLATE IS PASSED
5683706	1370	CSM	E2E HISTORICAL DISPLAYS INCORRECT SQL STATEMENT TIMES IN CLUSTERED ENVIRONMENTS
5664615	1370	EINT	CAN'T DELETE UNDERLYING JOBS OF SESSIONS ASSOCIATED WITH A HUB
4944947	1370	HOST	FAILED EXECUTING NMHS EXECUTE_ METAHS -I, 256
5853705	1370	OMS	UPGRADE: (RAC) 10203=>11103 - ALL METRIC TABLESPACE ALERT ARE MISSING
5857327	1370	HOST	SEQUENCE OF STEPS FOR INSTALLING EM SCRIPT & YAST SHOULD BE CHANGED
5845610	1370	HOST	HOST ADMINISTRATION PAGE POINTS WRONG URL FOR DOWNLOADING YAST
5724386	1370	HOST	LINUXADMIN: TYPO ERRORS AND ALIGNMENT PROBLEMS
5721153	1370	HOST	EDIT (FRM HOST LOOKUP TABLE) DOES NOT UPDATE THE IP ADDRESS VALUE
5689280	1370	HOST	DISABLE USER LOGIN OPTION SHOULD BE DROPPED
5667591	1370	HOST	THE EM-USER.YCP SCRIPT OUTPUT IS NOT IN THE EXPECTED FORMAT.
5662776	1370	HOST	GC:10203:NLS:TC10: LX:T13Y:HOST > ADMINISTRATION TAB IS UNTRANSLATED
5713934	1370	THIRDPARTY	WEBSPHERE 5 CONFIGURATION, ON GENERAL TAB , INCORRECT VALUE FOR HTTP/HTTPS PORT
5897403	1370	AGENT	EM AGENT CONSTANTLY INSERTS ALERT_ QT TABLE, FILLING UP SYSAUX TABLESPACE
5886231	1370	CNCTRBASE	ONE-OFF FOR RAC PROVISIONING WEB SERVICES
5692006	1370	CSM	CLICKING CONTINUE GIVES NO ERROR OR WARNING MESSAGE ON ADD METRIC PAGE
5871774	1370	AGENT	DATABASE STARTUP/SHUTDOWN, HOST /SQL SCRIPT JOBS FAILING
5710675	1370	IDM	SYSTEM CHARTS APPEARING WITH SAME LABEL
5700070	1370	IDM	UNTRANSLATED UI DISPLAY IN IDENTITY FEDERATION SYS IN SYS TAB

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5718211	1370	IDM	CHART CAN'T BE SHOWN AT THE HOME PAGE OF OIF
5700277	1370	IDM	REAL TIME METRIC DATA COLLECTION NOT HAPPENING FOR FED SERVER
5718764	1370	IDM	' ADD IDENTITY COMPONENT' PAGE IS UNTRANSLATED
5721617	1370	IDM	NO TRANS IN FED SERVER PAGE (IN GC 10203)
5884418	1370	IDM	WRONG ERROR MESSAGE IF USER PROVIDES WRONG CREDENTIALS WHILE DISCOVERING THE TGT
5113393	1370	РАТСН	WARNING MESSAGE DUE TO MISCALCULATED PLATFORM ID IN PATCHING WIZARD
5906931	1370	IDM	HOST LINK THROWS 404 ERROR, ALL SYSTEM CHART DEOS NOT APPEAR
5693278	1370	UIFWK	SECURITY VULNERABILITY IN CHART TAG
5531840	1370	UIFWK	TIMEZONE DEFAULTED TO PAGO_PAGO
5901649	1370	CONSOLE	LICENSING FWK TO EXTEND NEW INIT.ORA THAT CONTROLS LICENSING OF PACKS
5890814	1370	AGENT	AGENT HANGS IN AQ RECVLET REFRESH CAUSES BOUNCES
5729053	1370	AGENT	ERROR ADDING BEACON TO 10.2.0.3 AGENT POINTING TO 10.2.0.2 OMS
5770438	1370	ESP	DATABASE POLICY CHECK IS CAUSING HIGH CPU IN DATABASE SESSION, BAD SQL
5531715	1370	CONSOLE	COMMAND BUTTON BAR MISSING FROM TARGET PROPERTIES PAGE
5659656	1370	CSM	TEST TYPE DISPLAY IS WRONG IN A SPECIAL CASE
5552973	1370	REPORTS	BROKEN CHART IN E-MAIL REPORT UNDER MULTIPLE OMS NODES ENVIRONMENT
5714026	1370	REPOSITORY	CLUSTER TARGET DOES NOT WORK WITH AGENT URL CHANGE NOTIFICATION
5496606	1370	UIFWK	LOGIN APPEARS WITHIN FRAME AFTER SESSION TIMEOUT
5527130	1370	AGENT	UNABLE TO SET PREFERRED CREDENTIALS FOR OS USER AUTHENTICATED USING KERBEROS
5612884	1370	CSM	INTERACTIVE TRACE SHOW INCONSISTENT SQL TIMINGS AMONG TRACE RESULT PAGES

 Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5151843	1370	CSM	COULD NOT GET TEST_ RESPONSE/STATUS:COULD NOT GET TEST_RESPONSE/STATUS
5698904	1370	REPORTS	SENDING E-MAIL REPORTS TO EXTERNAL USERS DO NOT DISPLAY GRAPHS
5856156	1370	REPOSITORY	EM_TASK COLLECTION MANAGEMENT_ SERVLET_STATUS THROWING ORA-20241:ORA-06502
5731036	1370	HOST	HOST LOOKUP TBL AFTER CHOOSING "SHOW ALL 62" OTHER OPTIONS DONT WORK
5905191	1370	REPOSITORY	DBMS JOBS GETTING SUBMITTED AS EMDBA
5910536	1370	AGENT	ALL AGENTS ARE HAVING ISSUES UPLOADING
5728920	1370	THIRDPARTY	UNTRANSLATED UI DISPLAYED IN JBOSS APPLICATION SERVER
5236577	1370	HOST	ERRORS IN EMAGENT.TRC: FAILED EXECUTING PVDISPLAY
5618092	1370	THIRDPARTY	HARDCODE STRINGS IN MQ RELATED PAGES
5921628	1370	JOB	JOB HANGS WHENEVER THERE IS A % IN THE JOB SCRIPT
5573244	1370	CONSOLE	APPLY MONITORING TEMPLATES TO GROUPS DOES NOT WORK
5713547	1370	HOST	STORAGE_REPORT_METRICS.PL IS CORRUPTING RAID DISK MIRRORING
5197525	1370	REPOSITORY	APPLY OF MONITORING TEMPLATE RESULTS IN ORA-00001
5655801	1370	AGENT	EMCTL SCRIPT HAS INCORRECT PATH VARIABLE ENTRY
5066096	1370	AGENT	THE TARGETS.XML FILE ON TARGET NODE IS MISSING THE AGENT ENTRY
5511725	1370	AGENT	ORA_NLS NOT DEFINED IN EMAGENT_ MAIN_NT DUE TO WHICH TVMAW DIFS
5682538	1370	AGENT	CANNOT USE SPECIAL CHARACTER LIKE "=" FOR DBSNMP PASSWORD
5357793	1370	AGENT	\$ORACLE_ HOME/NETWORK/SNMP/PEER/START_ PEER SCRIPT DOES NOT WORK ON SOLARIS
5295403	1370	AGENT	ENABLING FETCHLET DEBUGGING CRASHES THE AGENT WHEN URLTIMING FETCHLET IS USED
5213248	1370	BLACKOUT	CLUSTER DATABASE IN PENDING STATUS DURING CLUSTER BLACKOUT

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5300401	1370	CONSOLE	UNABLE TO EDIT THE TABLESPACE FULL (%) METRIC FOR 10G DABASES IN 10.2 GC
5479702	1370	CPF	5NODE CRITIAL PATCH PAGE TAKES 103 SECONDS TO DOWNLOAD
5592216	1370	EM_REPORTS	INCORRECT MONTH DISPLAYED ON STANDARD REPORT GRAPH
5362371	1370	ESP	IF THE LENGTH OF DRIVE VOLUME NAME IS MORE THAN 8 BYTE, SOME POLICY NOT WORK
5653306	1370	HOST	DELL HOST METRICS NEED ADDITIONAL PROPERTIES FOR SNMP INTERFACE
5197714	1370	HOST	STORAGE DATA METRIC THROWS ERROR: FAILED TO CHECK THE SYMBOLIC LINKS
5383506	1370	NOTIFY	NOTIFICATION IS NOT SENT WHEN SOME OF POLICY VIOLATION OCCURS.
5646200	1370	REPOSITORY	ORA-20751 DURING TEMPLATE APPLY IS CONFUSING TO CUSTOMERS
5010580	1370	BLACKOUT	BLACKOUT STATUS RECALCULATED INCORRECTLY FOR AGENT SIDE BLACKOUTS
5552777	1370	CONSOLE	CAN NOT REMOVE 'CLEAR' FROM NOTIFICATION RULE WHEN SET
5520311	1370	AGENT	TRACING HAS TO BE IMMEDIATE
5502664	1370	REPOSITORY	PERF - DROP PARTITION IN REVERSE ORDER DURING MAINTENANCE
5920273	1370	UTILITES	EMCTL DUMP OMSTHREAD NOT LISTED IN GC INSTALL
5459366	1370	JOB	THE EMAIL COMMAND DOES NOT ACCEPT THE FROM EMAIL ADDRESS
5094759	1370	CSM	INTERNAL ERROR ON CLICKING CANCEL ON THE CUSTOM TIME PERIOD PAGE
5600804	1370	OMS	PLEASE ADD SUPPORT FOR FCF TO OMS
5871799	1370	ECM	OPERATING SYSTEM DETAILS LINK IS BROKEN
4607971	1370	OMS	OMS SUBMITTING MULTIPLE DISCARDSTATE JOBS
5954788	1370	OMS	NEED TO LOG LEAKS IN A SEPARATE FILE
5756442	1370	THIRDPARTY	SUBTABS OF GC TARGETS TAB ARE MISSING ON JBOSS PARTITION HOME AND ADMIN PAGES
5916549	1370	REPOSITORY	MGMT_METRIC.SET_END_TYPE_META_ VER THROWS ORA-06502:
5691940	1370	REPOSITORY	TARGETS NOT GETTING ADDED DUE TO MISSING "/" IN THE EMD_URL FOR AGENT

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5616439	1370	AGENT	SQL CHAR DATA SIZE RESTRICTIONS WITH THIN DRIVER CAUSES UPLOAD ERROR ON EM 10.1
5954827	1370	CONSOLE	LAST UPLOAD INFO FOR 'SERVER GENERATED ALERT' METRICS IN ALL METIRCS PAGE
5924953	1370	REPOSITORY	PING SYSTEM STOPS MONITORING THE AGENT
5876137	1370	REPOSITORY	METRIC ERRORS NOT CLEARED FOR DISABLED METRICS
5751839	1370	IDM	INTERNAL ERROR IS THROWN WHILE ASSOCIATING OIM TARGETS WITH EXISTING IDM SYSTEM
5962591	1370	JOB	ORA-1403 WHILE MIGRATING PROPAGATION JOBS DURING UPGRADE TO 10GR2
5594879	1370	CONSOLE	GROUP CHART PAGE SHOWS INTERNAL METRIC COLUMN NAME AND NOT METRIC DISPLAY NAME
5701916	1370	HOST	CPU WAIT IO METRIC SHOWING WRONG VALUE
5764927	1370	AGENT	AGENT FAILS TO LOAD LIBRARY FILES
5867796	1370	РАТСН	PATCH THROUGH PATCHWIZARD COPIES THE PATCHES AGAIN EVEN IF STAGED ALREADY
5729123	1370	CNTRBASE	TARGET STATUS ALWAYS SHOWS AS UP
5589389	1370	CNTRBASE	MOM CONFIGURATION - ERROR MESSAGE NOT INFORMATIVE WHEN RESOLUTION STATE IS USED
5762695	1370	REPORTS	REDUNDANT BUSINESS METRICS OCCURRED IN THE ASSOCIATED TARGET
5722343	1370	REPORTS	SET PARAMETERS PAGE - SERVICE METRICS SELECTION IS NOT WORKING PROPERLY
5577691	1370	CNTRBASE	DELETE TEMPLATE PAGES FOOTER ALLIGNMENT IS INCORRECT
5873907	1370	OMS	OMS FAILOVER CODE DOES NOT HANDLE DST CHANGES
5376367	1370	JOB	EMAIL NOTIFICATION OPTIONS GREYED OUT FOR BACKUP JOBS
5855305	1370	CONSOLE	BLACKOUT SETUP: WRONG DATE FORMAT SET AUTOMATICALLY
5963257	1370	AGENT	AGENT FAILS TO LOAD LIBRARY FILES (AIX 5L)
5963236	1370	AGENT	AGENT FAILS TO LOAD LIBRARY FILES (HPUX 11I)

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5965693	1370	CNTRBASE	AVAILABILITY ALERTS FOR AGENT TYPE TARGETS AREN'T BEING UPDATED
5458062	1370	OMS	EMCORE/SYSMAN/CONFIG/EM_ EAR.PROPERTIES.TEMPLATE NOT PORTABLE ON HYBRID PLATFROMS
5758101	1370	OMS	LX 10203 RC1_DROP2 REPOSITORY UPGRADE IS FAILING FOR SITE WITH ONE-OFFS
5969037	1370	UTILITES	HARDCODED SYSMAN IN SCRIPT IAS/LATEST/OIF/OIF_DISCOVER_UTIL_ PKGBODYS.SQL
5746152	1370	CSM	IF OAS IN A SYSTEM CAN'T SELECT ITS OC4J TARGETS ON SYSTEM'S CHARTS PAGE
5689518	1370	IDM	HELP LINK ACCESSED FROM HOST ADMIN PAGE DOESNT SHOW
5851571	1370	NOTIFY	MISSING HOSTED_BY ASSOCIATION FOR AGENT TARGET
5923550	1370	NOTIFY	AFTER UPGRADING THE OMS , CORE AND OMS VESRION DOESN'T GET CHANGE.
5873631	1370	CONSOLE	OMS SHOULD NOT BE STARTED IF THE VERSION AND SCHEMA VERSION DO NOT MATCH
5918819	1370	IDM	METRIC EJBCOMPONENT MISSING FROM WEBSPHERE_J2EESERVER
5618645	1370	CONSOLE	SENDING E-MAIL REPORTS TO USERS GENERATES INTERNAL ERRORS
4727918	1370	OMS	NOT CACHING HOST METRICS CAUSES OMS TO BOUNCE
5695590	1370	REPOSITORY	CREATE NOTIFICATION RULE DOES NOT SHOW METRIC SESSION SUSPENDED
5059395,505 9815,506756 2	1370	CSM	UNABLE TO ADD SUBNET AND DOMAIN IN THE MANAGE REGIONS EDIT PAGE
5706188	1370	CSM	UNABLE TO CREATE TEMPLATE VARIABLE FOR FORMS SERVER PORT FOR FORMS BASED TEST
5620581	1370	JOB	MULTITASK JOB: ERROR WHEN TAKS NAME IS MORE THAN 30 CHARACTERS
5929603	1370	OMS	CONNECTIONWRAPPER.REFRESH DOES NOT HANDLE RESET CONNECTION PROPERLY
5840734	1370	JOB	COMMUNICATION EXCEPTION WHEN SUBMITTING JOBS NEEDS TO GET CAPTURED AND DISPLAYED
5980899	1370	THIRDPARTY	CAN'T FIND RESOURCE BUNDLE ERROR MSG ON JBOSS PAGES

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5848810	1370	CONSOLE	LICENSE INFORMATION PAGE HAS SOME INCORRECT DESCRIPTION
2711680	1370	AGENT	INET_NTOA IS NOT THREAD SAFE
5440008	1370	AGENT	PING THREAD HUNG AT AGENT SIDE
5927961	1370	BLACKOUT	MULTIPLE DISCARD STATE JOBS SUBMITTED
4614984	1370	CSM	MULTIBYTE WEBAPP NAME IS DISPLAYED AS GARBAGE CHARACTERS IN RCA PAGE
4641448	1370	CSM	COMPONENT TESTS: CONFIRM MESSAGE OF REMOVING MBS METRIC HAS GARBAGE
5464559	1370	MGMT_SYS	DBCTRL UPGRADE ERRORS (DURING CORE/V102010/SELF_MONITOR_DATA_ UPGRADE.SQL)
5931915	1370	REPOSITORY	METRIC DEPENDENCY DATA IS NOT CLEANED, WHEN METRICS DELETED THROUGH MGMT_METRIC
5861480	1370	PATCH	PATCH LRG DIF : PATCH WIZARD THROWS EXCEPTION
5955919	1370	JOB	USERJOBS SHOULD NOT USE SYSTEM COMMAND_TYPE FOR ANY STEPS
5194572	1370	MGMT_SYS	OMS AND REPOSITORY METRIC PAGE HAS UNTRANS UI
4897258	1370	MGMT_SYS	NON-EXISTING DBMS_JOBS ARE STILL SHOWN IN THE UI AS 'UP'
5894391	1370	REPOSITORY	GENERIC DST ISSUE IN SEVERITY_ TRIGGER DURING OVER LAP PERIOD
5979901	1370	CSM	AGENT CODE NEED TO HANDLE ':' IN HTTP HEADER VALUE
5972237	1370	CNTRBASE	ECMPATCHDATABASE.PL SHOULD USE BDF COMMAND ON HP-UX TO CHECK FOR FREE SPACE
5982044	1370	CNTRBASE	XMLLOADER FAILED FOR ORG.XML.SAX.SAXPARSEEXCEPTION
6011677	1370	CNTRBASE	OMS CODE NEEDS TO ENCODE SPECIAL SEPARATOR CHARS IN HTTP HEADER VALUE
5993600	1370	NOTIFY	METRICRESULT.INIT() RETURNS INVALID DATES
5365614	1370	JOB	AGENT PROCESS STATISTICS METRIC COLLECTION FAILURE PSTAT_ GETFILE2/ERRNO3
5121288	1370	EM_REPORTS	SIMPLIFY SECURE OPERATIONS WITH BIGIP CONFIGURATION
4637789	1370	HOST	EXECUTION DETAILS PAGE DOES NOT ALWAYS SHOW STEPS SORTED BY TIME

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5563269	1370	CLI	NO ERROR MESSAGE SHOWN WHEN MANUAL TICKET CREATION FAILS
5580441	1370	UIFWK	ASLM JOBS NOT RESUBMITTED WITH SUBMIT_EM_JOBS
5717052	1370	BLACKOUT	TIP ON METRIC THRESHOLD PAGE DOESN'T APPLY TO SERVER GENERATED METRICS
5458062	1370	SECURITY	EMCORE/SYSMAN/CONFIG/EM_ EAR.PROPERTIES.TEMPLATE NOT PORTABLE ON HYBRID PLATFROMS
5895148	1370	AGENT	DAILY REPO COLLECTION FAILING WHEN START TIME BETWEEN DST JUMP
5893559	1370	UIFWK	TIMEZONE MISSING IN SDK START.JSPF
5956240	1370	OMS	CANNOT USE EXTENDED PLSQL TRACING WITH THE LOADER MODULE
6014977	1370	РАТСН	APPLICATIONS TAB FOR JBOSS TARGET (VERSION 4.0.4 AND 4.0.5) DOES NOT SHOW DATA
5743113	1370	THIRDPARTY	MEMORY USAGE FOR IDM SERVER IS REPORTING IN LARGE NUMBER
5967327	1370	IDM	LOCK ON PROPER JOB OWNER TO AVOID DUPLICATE JOBNAME
5917597	1370	JOB	N 10.1.0.6 NT REGRESSION: EMAGENT ABNORMAL TERMINATING HAPPENING
5689719	1370	CLI	LINUXADMIN: ISSUE WITH WINDOWS OMS AND WINDOWS AGENT
5862723	1370	HOST	GET_CONNECTOR_INSTANCE ROUTINE NOT CATCHING ORA-1403
6014523	1370	CNTRBASE	EMCORE - SQL FILES/DIRECTORY VERSION CHANGE TO 10.2.0.4
5714960	1370	UPGRADE	EXECANDSUSPEND COMMAND MUST WRITE LOG TO OUTPUT IF RESUMED ON TIMEOUT
5988435	1370	JOB	CREDENTIALMANAGERS GETJOBCREDENTIALS() API DOES NOT WORK
4897149	1370	JOB	THE PASSWORD FOR THE PASSWORD PROTECTED PATCH IS NOT BEING PASSED TO THE JOB
6002682	1370	РАТСН	OPATCH PATCHES GETS DOWNLOADED TO S/W LIB WITH PRODUCT FAMILY AS UNKNOWN
6015778	1370	PATCH	MGMT_CURRENT_VIOLATION_IDX_05 ALREADY EXISTS
5701897	1370	CONSOLE	EM REPORT IS SLOW FOR 20 MOST COMMON ALERTS AND POLICY VIOLATIONS

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5679788	1370	REPORTS	UNTRANSLATED UI IN CONFIGURE MANAGEMENT CONNECTOR
5479717	1370	CNTRBASE	5NODE CRITIAL PATCH DETAILS PAGE TAKES 45 SECONDS TO DOWNLOAD
5116622	1370	CPF	REDUNDANCY GROUP STATUS IS NOT UPDATED IMMEDIATELY WHEN THE CHILD STATUS CHANGED
5333837	1370	REPOSITORY	CUTOVER TO SUN JSSE AS ORACLE SSL IS DESUPPORTED
6027427	1370	SECURITY	EMD_AVAILROLLUP PACKAGE CREATED WITHOUT A PACKAGE BODY
5869512	1370	REPOSITORY	METALINK CREDENTIALS FAIL IN THE GRID CONTROL PATCHING SETUP PAGE
5716216	1370	THIRDPARTY	COLLAPSE ALL BUTTON ON J2EE SERVICES TAB FOR JBOSS SERVER THROWS INTERNAL ERROR
5705224	1370	THIRDPARTY	SEARCH OPERATION NOT WORKING FOR JBOSS FROM APP SERVERS TAB IN GC 10.2.0.3
5680023	1370	РАТСН	UPLOAD FROM FILE OPTION IN SOFTWARE UPDATES PAGE IS NOT WORKING
6011228	1370	HOST	ENABLE GENERIC LOG FILE MONITORING FUNCTIONALITY FOR WINDOWS PLATFORM
5139454	1370	HOST	GENERIC LOG FILE MONITORING FEATURE SHOULD DETECT "LOG FILE TRUNCATION"
5879071	1370	CNTRBASE	ALOW EXTERNAL ALERTS COLLECTED BY CONNECTOR TO TRIGGER NOTIFICATION
5116980	1370	JOB	JOB STEP NOT COMING AND IF COMING THEY ARE OUT OF ORDER
5890208	1370	PATCH	OPATCH UPDATE JOB SHOULD DOWNLOAD THE HIGHEST VERSION OPATCH
6009501	1370	THIRDPARTY	SESSION TIMEOUT FOR WEBSPHERE SHOWN AS NOT SPECIFIED IN ECM PAGES
6043294	1370	CNTRBASE	NEED TO REMOVE CREATE PKG HEADER IN 10.2.0.3 SQL FILES HEADER
5111102	1370	REPOSITORY	JVM METRICS IS NOT SHOWN AS LINK IN OC4J:HOME PAGE FOR AS1013WINDOWS
5890373	1370	JOB	WEEKLY/DAILY SCHEDULED JOBS GET EXECUTED ON WRONG DATE AFTER UPGRADE TO 10.2.0.3
6002217	1370	HOST	NMEFWMI NOT RETURNING CORRECT VALUES WITH CONDITION CONTEXT SET

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
6045869	1370	UIFWK	NEED TO SUPPORT REAL APPLICATION TESTING DATABASE OPTION IN EMCONNECTION
5715603	1370	AGENT	UNTRANSLATED UI DISPLAYED IN AGENT ALL METRICS PAGE
6031452	1370	PMP	THE AGENT IS CREATING LOTS OF CHANNEL CONNECTIONS
5984641	1370	REPOSITORY	ABLE MGMT_COLLECTION_TASKS_TIME IS AN EXTRA TABLE AFTER UPGRADE
5854734	1370	HOST	NEED TO SKIP AFS FILE SYSTEM FOR STORAGE METRIC COLLECTIONS
5890451	1370	РАТСН	APPLYING PATCH FROM DEFAULT STAGED LOCATION FAILS
5765012	1370	РАТСН	PATCH SELECTOR SHOWS MULTIPLE VALUES OF SAME VERSION FOR A PRODUCTFAMILY
5980318	1370	OMS	HIGH CPU USAGE ON OMS SERVERS
5470955	1370	JOB	JOB DISPATCHER FAILS TO PICKUP JOB STEPS IF EXECUTION WITHOUT JOB RECORD
6030187	1370	OMS	FIX POLICY_PKG TO USE BACKSLASH AS THE ESCAPE CHARACTER FOR KEY WILDCARD MATCH
5891590	1370	CSM	REGISTER FORMS APPLICATION TARGET TYPE TO SERVICE REPORT ELEMENTS
5881121	1370	CSM	DISPLAY MEANING ERROR MESSAGE WHEN FORMS TRANSACTION RECORDING FAILED
5845707	1370	CSM	ORACLE_SMP_CHRONOS_SDK.GIF IS NOT COPIED TO THE APACHE AND WEBCACHE DIRECTORY
5726451	1370	CSM	WARNING MESSAGE NOT DISPLAYED WHILE RECORDING FORMS TXN USING NON IE BROWSER
5059399	1370	CSM	TEST CASE TEST_TZ FAILED IN THE 10.2.0.2.0 REP CERTIFICATION LRG
6061058	1370	MGMT_SYS	EMREPDOWN.PL IN EMAGENT VULNERABLE TO SHELL INJECTION ATTACK
5750995	1370	CLI	EMCLI NEEDS ALL PARAMETERS IN THE COMMAND LINE
4625462	1370	CONSOLE	AVAILABILITY SQL QUERY CHANGES ON THE HOMEPAGE ARE INEFFICIENT
6057389	1370	CSM	ORACLE JAVA SSL TO JSSE MIGRATION
6023648	1370	CSM	E2E HISTORICAL INVOCATIONS PAGE HAS WRONG BREADCRUMBS

 Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5996433	1370	ECM	FS.QUOTA.CACHE_HITS, FS.QUOTA.DROPS, FS.QUOTA.LOOKUPS CAUSING LOT OF ECM TRAFFIC
6056860	1370	ECM	LOT OF ECM CHANGES BEING RECORDED DUE TO KERNEL.PTY.NR
6020632	1370	JOB	ELAPSED BECOMES ZERO FOR A STEP THAT PERFORMS AN SYNCHRONOUS OPERATION
5894391	1370	REPOSITORY	GENERIC DST ISSUE IN SEVERITY_ TRIGGER DURING OVER LAP PERIOD
6046221	1370	THIRDPARTY	LOSE CONTEXT OF SERVER AS DRILLDOWN FROM JBOSS PERFORMANCE PAGE
6002945	1370	РАТСН	OPATCH UPDATE JOB SHOULD TAKE IN DUMP DIRECTORY LOCATION AS A PART OF THE JOB
5661735	1370	AGENT	AGENT SENDING EMPTY FILE CAUSING LOADER ERROR XML-20108: (FATAL ERROR) START OF
6054439	1370	CNTRBASE	JOB QUERY DOESN'T RETURN OUTPUT PROPERTY
6060708	1370	JOB	UI DOES NOT DISPLAY THE PDP DETAILS USED IN THE JOB
5926681	1370	AGENT	UPLOAD ERROR INSIDE EMAGENT.TRC FILE
5350750	1370	CSM	CHARACTERS API IN TRACEXMLHANDLER NEEDS TO SUPPORT MULTIPLE CHUNKS
6030611	1370	CONSOLE	STATEMENT AND RESULTSET LEAK IN AUDITSERVLETFILTER.JAVA,DETAILBASED B
5917834	1370	AGENT	UNDERSCORE CHARACTER CREATES LIKE CONDITIONS ON ADVANCED SETTINGS TABLE PAGE
5372553	1370	AGENT	EMDCLIENT API SUPPORTS ONLY JAVA INT FOR OUTPUT SIZE LIMIT
6072558	1370	JOB	SETTING PREFERRED CREDENTIALS FAILS WITH ORA ERROR NO DATA FOUND
5893761	1370	REPORTS	OOB AVAILABILITY REPORTS TO SHOW ALERT DETAILS
5897769	1370	THIRDPARTY	NO POLICY VIOLATIONS SEGMENT ON BEA HOME PAGE
5054555	1370	PATCH	POPUP HINT AND TABLE TITLE ARE UNTRANSLATED
5893799	1370	REPORTS	METRIC DETAILS REPORTING ELEMENT TO SUPPORT UDMS/METRICS WITH KEY VALUES

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5654494	1370	NOTIFY	OUTGOING MAIL (SMTP) SERVER CONNECTING ERROR
6014027	1370	ECM	CONFIGURATION COLLECTION JOB SUSPENDS IN BLACKOUT WHEN SUBMITTED TO 1500 HOSTS
5504078	1370	INSTALL	EMWD.PL SPWANS DEFUNCT PERL PROCESSES AFTER OMS PATCH 10.2.0.2
6074699	1370	CONSOLE	EDIT POLICY RULE PAGE DOES NOT SHOW THE POLICY RULE NAME BUT INSTEAD SHOWS NULL
5724886	1370	CONSOLE	ERROR WHILE CONTINUE'ING ONEDIT ADVNCD STNGS PAGE ONLY FOR STATUS METRIC
5220168	1370	JOB	JOB OUTPUT SENT AS ATTACHEMENT IN EMAIL NOTIFICATION
4523381	1370	REPOSITORY	CLUSTER TARGET DOES NOT SHOW ANY METRICS IN METRIC SETTINGS PAGE
5643721	1370	IDM	AUDIT LOG ROTATION TIME FOR ACCESS SERVER RETURNS ALPHANUMERIC VALUE
6115605	1370	OMS	PING SYSTEM SHOULD USE GETPARAMETER TO READ DISK FULL FROM AGENT'S HB
5996210	1370	CREDENTIAL	AUDIT CAUSES NOTIF RULE ORA-20221: ORA-06512: AT "SYSMAN.MGMT_ PREFERENCES",
5982804	1370	CLONE	11G DB HOME CLONING FAILS IN 11G DB CONTROL
5894442	1370	REPOSITORY	EMD_MAINTENANCE.ANALYZE_EMD_ SCHEMA('SYSMAN') IS INVALIDATING PUBLIC SYNONYMS
5919144	1370	IDM	10GR3 IDENTITY FEATURES ARE INTEGRATED WITH LICENSING COMPLETELY
6019788	1370	CONSOLE	PERF SYSTEM HOME PAGE SLOW ON ST-IT BULK SITE
6037582	1370	CNTRBASE	THE CODE FOR SAVING AND QUERYING PROPERTIES ARE NOT EFFICIENT
5369264	1370	OMS	SUPPORT FOR EXPORT/IMPORT OF METRICS AND THRESHOLDS
5975326	1370	UIFWK	DATETIME LANGUAGE USED SERVER LOCALE IN SQL DETAILS
5983923	1370	AGENT	OMS PING JOBS NOT HONORING TCP TIMEOUTS
5159883	1370	UIFWK	NEED TIMEZONE MAPPING BETWEEN EM TARGETS AND TIMEZONEINFO LIST IN 10.2 SCHEDULER

 Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
6010760	1370	РАТСН	UPDATE THE TABLE NAME IN S/W LIB COMPONENTS TO PRODUCT NAME/PATCH NUMBER
6019967	1370	CLI	ADD DISABLED COLLECTION SCHEDULE FOR SPECIFIED HOST METRICS
6007681	1370	UIFWK	VALIDATION ERROR IS COMING ON THE TOP ACTIVITY PAGE
6120807	1370	REPOSITORY	EM DB CONSOLE UPGRADE FROM 10.2 TO 11 RUNS INTO ORA-2291 (ORA-4061)
5920923	1370	РАТСН	UPLOADING OF PATCH ZIP FILES IN PATCH CACHE SHOULD ACCEPT RELEASE AS 10.2.4.0.0
5908032	1370	AGENT	EMDPROCSTATS.PL CONSUMES CPU
6124397	1370	UIFWK	CONNECTION LEAK EXCEPTION : ORACLE.SYSMAN.EMSDK.SCH.SCHEDULE TZSERVICE
4906453	1370	AGENT	AGENT COLLECTS METRICS EVEN WHEN ALTSKIP CONDITION HAS ALERT
5655414	1370	OMS	TIMEOUT OR END-OF-FETCH DURING MESSAGE DEQUEUE FROM SYSMAN.MGMT_NOTI
5619701	1370	AGENT	ORACLE.SYSMAN.EMSDK.EMD.COMM.CO MMEXCEPTION: IOEXCEPTION
6118408	1370	CNTRBASE	UNTRANSLATED UI DISPLAYED IN MOM MANAGED HOST PAGE
6038522	1370	OMS	DOWN NOTIFICATION FOR WEBSITE TARGET AFTER AGENT RESTART
4575250	1370	CONSOLE	TARGETACCESSPAGE HAS MANY TEXT NOT TRANSLATED TO JA/DE/KO ETC
5718436	1370	AGENT	EMAGENT DUMPS CORE WHEN USING NME_DEVTRC
5975340	1370	UIFWK	DATE FORMAT INCORRECT IN SPACE USING PAGE
5837452	1370	HOST	EMAGENT_PERL.TRC FILLS UP WITH ERROR: ERROR IN GREP FROM /PROC/CPUINFO FILE
6117207	1370	AGENT	RECVLET MANAGER DOES NOT ACCEPT SERVER THRESHOLDS WHEN A COLLECTION FILE EXISTS
6086375	1370	AGENT	EMAEGNT - SOL - COREDUMP FOUND DURING TVMAH14 CASE
5997745	1370	INSTALL	PATCHING OF AGENT FAILS,WHEN TWO AGENTS POINTING SAME OMS ARE ON SAME HOST
5010186	1370	UTILITES	10.1.2.1 PORTAL MIDTIER UPGRADE FAILS
6052787	1370	РАТСН	SEARCH BY VERSION AGAINST SWLIB DOES NOT WORK IN PATCH SELECTOR

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
6006957	1370	AGENT	UPLOAD, UTIL , SCHED, TARGET MAN, COL , ENGINE ERROR IN EMAGENT.TRC
4738697	1370	AGENT	EMCLI ADD TARGET GIVES OUT AN ERRORNEOUS OUTPUT
5218353	1370	REPOSITORY	ERRORS IN MGMT_METRIC_DEPENDENCY NOT CLEARED
5703847	1370	AGENT	URLFETCHLET SHOULD NOT SET "JAVA.PROTOCOL.HANDLER.PKGS" SYSTEM WIDE PROPERTY
5623907	1370	REGTEST	NMDTESTSP MISSING IN EMGC LABELS DUE TO WHICH TVMAP10-16 DIF IN DAILY LRGS.
6133883	1370	JOB	ERROR MESSAGE HARDCODED ON PAGE DUMMYLARGEPARAMNAME OF JOB
6122102	1370	JOB	GRIDUPGRD UPDATE OF MGMT_JOB_ SCHEDULE USES ALLOT OF I/O
6113649	1370	HOST	EMC STORAGE MODULE DOES NOT SUPPORT CLARIION DEVICES
5921990	1370	FILER	NETAPP SNMP OID'S CAUSING FILER'S CPU TO PEG 100%
5852652	1370	OMS	WRONG TARGET NAME/TYPE CONCATINATION IN QUEUE_JOB_ NOTIFICATIONS
6137261	1370	JOB	PREFERRED CREDS DEFAULT TABLE PDP BUTTONS ARE
5697311	1370	CNTRBASE	UNTRANSLATED UI DISPLAYED IN ALL METRICS IN HOST PAGE
6122107	1370	JOB	GRIDUPGRD SELECT FROM JOB TABLES CAUSES ALLOT OF I/O
5660295	1370	AGENT	UPGR:SYSTEM TABLESPACE FULL ALERT IS NOT SEEN AFTER AGENT UPGRADE OF10201->10203
5877834	1370	CSM	ACCESS TIME DELAYED BY SEVERAL HOURS FOR A PAGE OF A WEB APPLICATION
5863702	1370	CONSOLE	COMPARE SETTINGS FAILS FOR TEMPLATES CONTAINING UDM HAVING ":" IN UDM NAME
5895799	1370	CONSOLE	REMOVE SYSOPER IN LOGIN PAGE
5523030	1370	EM_REPORTS	OVERALL SERVICE LEVEL CHART, NO DATA FOUND, SERVICE LEVEL DETAILS PAGE
5971223	1370	РАТСН	GRID CONTROL REPORTS CPU PATCH SUCCESS WHEN CATCPU.SQL FAILED
6140461	1370	UIFWK	BUILDMASTERHELPET ORDERING FOR DBCONTROL

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5951879	1370	CONSOLE	SQL FROM OMS ACTION /MONITORING/BEACON/BEACONHOME PG TAKING 95% CPU
5478872	1370	ECM	5NODE GENERIC SYSTEM HOME PAGES TAKES 34 SECONDS TO DOWNLOAD
5984581	1370	AGENT	LEAK OF DIAUS.MSB FILE HANDLES CAUSES AGENT TO CRASH PERIODICALLY.
5671082	1370	AGENT	SNMP FETCHLET RETURN METRIC IN SNMP DATEANDTIME FORMAT
5227912	1370	EM_REPORTS	TRUNCATION IN SERVICE LEVEL DETAILS PAGE
6140555	1370	UIFWK	TIME SELECTOR IMAGE WRONG AS MIN AND MAX OF X-AXIS CHANGE
6040958	1370	CSM	SERVICE DASHBOARD SHOWS UNTRANSLATED UI
6135721	1370	AGENT	BLACKOUTS.XML NEEDS TO BE UPDATED ON TIMEZONE CHANGE
6082851	1370	ECM	DELETE QUERY CAUSING PROBLEMS TO CLEAN UP ECM DATA
6080718	1370	CSM	FORMSRECORDER.JAR NEEDS TO BE SIGNED AGAIN FOR FINAL RELEASE
6062662	1370	IDM	IDENTITY FEATURES ARE INTEGRATED WITH LICENSING COMPLETELY
6070004	1370	AGENT	`MAKE SURE_STOP_TARGET_DB` NOT SHUTS DOWN THE TARGET DB IN FARM RUN
5928217	1370	AGENT	COMPILE ERROR FOR EMAGENT/SRC/NMEPS/NMEPSAPI.C
5583918	1370	AGENT	COMPILATION ERROR DUE TO REDECLARATION OF MACROS DEFINED IN NMEU.H
6140638	1370	HOST	UNTRANSLATED UI DISPLAY IN SYSTEM
5963283	1370	AGENT	AGENT ONLY ERROR IN EMAGENT.TRC FILE
6143459	1370	REPORTS	REMOVE REPORTING FRAMEWORK FEATURE FROM DBCONTROL
5972164	1370	INSTALL	"SUNOS.SUN4V" IS NOT CURRENTLY SUPPORTED WHEN RUNNING AGENTDWONLOAD
5619729	1370	AGENT	TVMAP0 AND TVMAP1 DIFS ON DAILY EMAGENT_MAIN_LINUX LABEL
5958612	1370	HOST	COUNTERS MUST BE WRAPPED - METADATA FILE TO BE MODIFIED.
6122114	1370	CONSOLE	GRIDUPGRD MISSING HEXTORAW FOR SEVERAL MGMT_TARGETS QUERIES

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5041899	1370	HOST	WINDOWS M5:REMOTE FILE EDITOR:CANNOT OPEN MULTIBYTE FILES FOR EDITING
6071523	1370	REGTEST	TVMAP17.DIF OCCURS ON EMAGENT_ MAIN_LINUX
6119715	1370	AGENT	EM AGENT SHOULD ALLOW SERVING HTTP OR HTTPS CONTENT SIMUTANEOUSLY
4477759	1370	AGENT	HOST_NAME FIELD IN MGMT_TARGETS IS NULL FOR ORACLE_EMD TARGETS
5213784	1370	AGENT	SNMP RECVLET DOES NOT SUPPORT TABLE VARIABLES
6112854	1370	CNTRBASE	GENERIC MOM MANAGED HOST STATUS SHOWS STATUS PENDING EVEN AFTER CONFIGURING
5722975	1370	AGENT	LX 10106 AGENT ONLY TC1 UPLOAD AGENT GIVING FAILED WITH RET=-10
5523462	1370	AGENT	UNRECOGNIZED OPTION `-NO_CPPRT', WHILE RELINK ALL IN RH4
5004660	1370	AGENT	COMMON NAME DOES NOT MATCH HOST NAME WHEN WILDCARD IS USED.
5570757	1370	AGENT	COLUMN ELEMENT FOR EXECUTIONDESCRIPTOR DOESN'T MAINTAIN COLUMN TYPE
6047579	1370	JOB	BATCH AGENT PATCHING SHOWS WRONG RESULTS ON EMGC CONSOLE
5890474	1370	CLI	PSE CONTAINER FOR THE BASE BUG 5858812 ON 10.2.0.3 FOR GENERIC PLATFORMS
6025814	1370	CSM	EUM DOES NOT WORK FOR APACHE 2.2
5930526	1370	AGENT	BLACKOUT DOESN'T END AFTER SUCCESFUL PATCHING OF 10.2.0.2>10.2.4.0 AGENT
5942309	1370	IDM	NO ECM METADATA REGISTERED FOR SYSTEM_CHANGE_CONFIG SNAPSHOTS
6163019	1370	CSM	EUM DOES NOT WORK FOR APACHE 2.2
6163020	1370	CSM	EUM DOES NOT WORK FOR APACHE 2.2
6157933	1370	AGENT	COREDUMP IN NMEDRMR_ ISLOBCOLUMN IF MORE COLUMNS IN METRIC THAT DEFINED
6151563	1370	JOB	ALL SCHEDULED JOBS(BEFORE UPG) ARE IN SUSPENDED STATE AFTER UPG; 10203 - 11.1
5909252	1370	AGENT	MISSING COLLECTIONS DURING DST OVERLAP TIME

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5917213	1370	РАТСН	STAGE DIR DOESN'T CREATE OUTSIDE THE AOH, ON SPECIFY STAGE LOC OUTSIDE THE AOH
6152714	1370	ECM	ECM PURGE ROUTINE DOING FULL TABLE SCANS ON MGMT_DELTA_IDS
6122316	1370	REPOSITORY	GRIDUPGRD DELETE FROM MGMT_LAST_ VIOLATION DOING A SKIP SCAN
6043204	1370	AGENT	UNINITIALIZED VARIABLE 'START_TIME IN MODULE EMAGENT/SRC/NMEPS/SNMEPSTR.C
5876134	1370	AGENT	ERROR RENAMING FILE IN ADDXMLFILETOUPLOAD EVERY 2 MINUTES
6015962	1370	CREDENTIAL	DIFFS IN EMCLI AFTER DB11 UPTAKE. TVMZJ00.DIF AND TVMZB00.DIF
5697411	1370	CLI	OHBINFILESOWNER METRIC NOT COLLECTED ON SOLARIS
6165864	1370	AGENT	GETDIRSIZE() FAILING ON SOLARIS
6002107	1370	HOST	ERRORSTORAGE DATA FOR THIS TARGET IS CURRENTLY NOT AVAILABLE
5907072	1370	HOST	PERF: EM_CHECK.IS_VALID_SIGNATURE IS SLOW
6192915	1370	REPOSITORY	WEBDAV TEST FETCHLET NEEDS TO BE REMOVED FROM EMAGENT
6192905	1370	CSM	REMOVE WEBDAV TEST PROPERTIES FROM EMCORE
6141202	1370	AGENT	EMCTL START STOP BLACKOUT DATES INCORRECT IF TZ != AGENTTZREGION
6070539	1370	OMS	OMS SHOULD DISCARD SEVERITIES REPORTED FOR UNKNOWN TARGETS
6068693	1370	ECM	RELAX THE CHECK FOR ORACLE E-BUSINESS SERVICE TYPE WHEN CONFIGURING FOR TXN/EUM
6164524	1370	РАТСН	EMXT90EMLEAK_FOUND WHILE EXECUTING LRGEMRJ TEST SUITE
5977153	1370	HOST	TABLES MGMT_DELTA_ENTRY AND MGMT_DELTA_ENTRY_VALUES GROWING TOO FAST
6129626	1370	CSM	PATCH ADVISOR ISSUE WITH PATCHING ON AIX SYSTEMS
5721145	1370	CONSOLE	LINUXADMIN:PAGINATION PROBLEM IN THE TABLE FROM NFS CLIENT PAGE.
6030673	1370	CONSOLE	INTERNAL ERROR IS SEEN WHILE TRING TO ADD A CUSTOM TIME PERIOD
6214923	1370	MOMCNCTR	DIFF REPORT (COMPARE SETTINGS) IN MONITORING TEMPLATE(STD) FAILS FOR 9IDB TARGET

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
6123725	1370	PLUGIN	EDITING A ROLE IN GC REMOVES THE CURRENT ADMINISTRATORS AND TARGET DETAILS
6215150	1370	HOST	MODIFY CONNECTOR THROWING ERROR
6117165	1370	AGENT	NO NOTIFICATION FOR ALERT MESSAGE, ONLY GETS FOR CLEAR MESSAGE
6168902	1370	AGENT	BUG IN GETHOSTHARDWARETYPE.PL COULD RESULT IN INTERMITTENT DELL H/W MONITORING
5955286	1370	UPGRADE	ERRORS UNDER EMAGENT.TRC: ERROR UPLOAD, METADATA AND COLLECTOR
5693411	1370	AGENT	EM SUBAGENT FAILS TO START IN ABSENCE OF SQLNET.ORA
6059457	1370	REGTEST	ERROR FOR AGENT UPGRADING: LFM_ EFILES.TEMPLATE PERMISSION DENIED
6203090	1370	JOB	TRACEBACK GENERATION BROKEN IN 11G
6164165	1370	CONSOLE	WRN-20 OCCURS FOR TVMAR03
6142520	1370	REPOSITORY	MULTI-TASK JOB IS NOT SHOWING ALL EXECUTIONS IN RUNDETAILS PAGE
5441111	1370	CSM	UDM DO NOT APPEAR ON METRICS AND POLICY PAGE AFTER CREATE IF SQL LENGTH > 1024
6157164	1370	NOTIFY	ADMIN_RECOMPILE_INVALID SHOULD INCLUDE TYPE AND TYPE BODY
6076019	1370	CONSOLE	SQL STATEMENTS IN E2E HISTORICAL SHOULD DISPLAY THEIR CONNECTION STRINGS
5983944	1370	NOTIFY	EM NOTIFICATION NOT BEING SENT IF PING NOTIFICATION LOST DEVICE IN PING STATE
6019805	1370	CONSOLE	PERF MONITOR TEMPLES PAGE TIMESOUT ON ST-BULK
6152760	1370	AGENT	AGENT CALLS STRERROR() REPEATEDLY
6053004	1370	NOTIFY	NOTIFICATION FAILED TO RETRY WHEN MESSAGE IS TOO LONG
6238439	1370	AGENT	AGENT GOT EXITED ABNORMALLY IN 10.2.0.4.0 AGENT DURATIONS
6251154	1370	HOST	UPTIME DISPLAY FOR HARDWARE TARGET IS INCORRECT
4662280	1370	REPORTS	PUBLIC REPORT - CACHED COPY OF REPORT SHOWN EVEN THOUGH REPORT HAS BEEN CHANGED
6114814	1370	REPOSITORY	CURRENT METRIC PURGE ENCOUNTER FETCH OUT OF SEQUENCE EXCEPTION
5664923	1370	AGENT	PROPERTY 'AGENTTZREGION' MISSING FROM EMD.PROPERTIES

Base Bug Product Component Subject 6008718 1370 AGENT XML DATA WRITTEN IN COMPILER CHARACTER SET 6134734 1370 CREDENTIAL NLSUTIL.GETCLIENTLOCALE IS THROWING NPE ON 10.2.0.4DBGC LABEL EMGC 10.2.0.1->10.2.0.2 : PERFORMANCE 5357750 1370 POLICY ISSUE - ESM.DELETE_POLICY AGENT SHOULD NOT SEND B FILE PRIOR 6137793 1370 IOB TO A FILE GRIDUPGRD ERROR CREATING JOB 6209668 1370 IOB SYSTEM INDEX 6034526 1370 JOB UNABLE TO DELETE JOB DUE TO MISSING LARGE PARAM 5970781 CSM DELETING WEBAPP SHOULD ALSO 1370 REMOVE CUSTOMIZATION DATA 1370 POLICY GRIDUPGRD POLICY SOL IN UPGRADE 6167316 TAKES TOO LONG INCORRECT FORMULAE IN HOST.XML 6134466 1370 HOST 6265739 1370 AGENT 10204 EMAGENT SOL : EMCTL REPORTS BAD SUBSTITUTION ERROR LOCK ON TAGETS NOT HAPPENING FOR 6242897 1370 IOB JOBS IN SINGLETARGET MODE 4423736 1370 AGENT CHANGE IN METRIC THRESHOLDS CAUSING RESET OF METRIC STATE MGMT_METRICS TRIGGER SHOULD 5647087 1370 REPOSITORY HANDLE ALL TYPES OF UDMS. 6194413 1370 JOB REPEATING IOB STOPS SCHEDULING AFTER CHANGE WHILE AGENT IS DOWN 5069149 SUSPEND PENDING STATUS REPORTED 1370 IOB EVEN THOUGH STEP IS SUSPENDED 6272292 1370 REPOSITORY SCHEMA UPGRADE FAILURES DUE TO CONSTRAINT RECREATION ISSUE TARGET PROPERTY %ORACLEHOME% 6085259 1370 IOB NOT RECOGNIZED FOR TARGETTYPE CLUSTER UDM COPY VIA TEMPLATE RESULTS TO 5385651 1370 REPOSITORY SOL TRUNCATION TO <1000 CHARS AGENT DOES NOT SEND COPLETE SQL 5509762 1370 AGENT SCRIPT FOR SQL UDM 1370 OVERRIDEN CREDENTIALS WITH SUDO 6242260 IOB SHOULD WORK ONLY AFTER SETTING APPLIED ON TARGET NEED UNIQUE INDEX ON MGMT 5497331 1370 ECM BLACKOUT_WINDOW FOR BLACKOUT_ GUID/TARGET GUID/OCCUR NR 6242260 1370 HOST OVERRIDEN CREDENTIALS WITH SUDO SHOULD WORK ONLY AFTER SETTING APPLIED ON TARGET

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
5497331	1370	ECM	NEED UNIQUE INDEX ON MGMT_ BLACKOUT_WINDOW FOR BLACKOUT_ GUID/TARGET_GUID/OCCUR NR
6269838	1370	HOST	HOST STORAGE METRICS DO NOT RECOGNIZE EMC POWER PATH DISKS
6282479	1370	JOB	2 VALUES ARE REQUIRED FROM USER TO WORK POWERBROKER CORRECTLY.
6194784	1370	JOB	ORPHAN RECORDS IN MGMT_JOB_ SCHEDULE
6310185	1370	CNTRBASE	MODIFY CONNECTOR ERASE THE WEBSERVICEENDPOINT VALUE AND SAVES IT AS NULL
6068891	1370	JOB	SERVER FARM : JOB TAB RESPONSE IS VERY VERY SLOW.
6082776	1370	AGENT	IMPROPER ERROR MESSAGE WHILE USING REMOTEOP
6271381	1370	JOB	ORA-01422 WHILE DURING JOB RETRY FROM UI
6156475	1370	REPOSITORY	CHANGE IN PROCESSING OF SNAPSHOT DEPENDENT COLLLECTIONS FOR EFFICIENCY
6282337	1370	AGENT	LX 10204 AGENT ONLY TC9 RESOURCE UTILIZATION UNAVAILABLE FOR RH5
6270515	1370	REPOSITORY	10.2.0.4/ADMIN/ADMIN_SCHEMA_ UPGRADE.SQL MISSING HEADER
6316745	1370	JOB	UPGR: MISSING CASCADE DROP INDEX IN DROP CONSTRAINT STMT
5493464	1370	REPOSITORY	ORA-955 ERRORS FROM CREATION OF SYNONYMS IN USER_MODEL_SCHEMA_ UPGRADE
6243885	1370	PATCH	10104 TO 10105 UPGRADE PATCH FAILING
5840623	1370	JOB	CREDENTIALS ENTERED AT THE JOB LEVEL ARE NOT USED FOR CLUSTER DATABASE
5493466	1370	ECM	ORA-955 ERROR REPORTED ON SYNONYM CREATION IN CONFIG_POST_ CREATION.SQL
6143930	1370	ECM	HARDWARE DETAILS PAGE DOES NOT SHOW HOSTNAME ALIASES FOR NIC'S
5924743	1370	AGENT	MULTI-LINE PROPERTIES FED ON STDIN OBSCURE OTHERS
6267173	1370	REPOSITORY	EMD_PING AND CURRENT_AVAILABLITY OUT OF SYNC
5955813	1370	REPOSITORY	AGENT STATUS 'UNREACHABLE' EVEN WHEN AGENT IS RUNNING AND UPLOADING PROPERLY

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
6327148	1370	REPOSITORY	EMCORE/SYSMAN/CONFIG/EM_ EAR.PROPERTIES.TEMPLATE NOT PORTABLE ON HYBRID PLATFROMS
4612251	1370	CONSOLE	SORTING ON DATABASE VERSION COLUMN ON "DATABASES PAGE" DOES NOT WORK
6331039	1370	AGENT	LOV VALUES CHECK IN EMD.PROPERTIES FILE SHOULD BE CASE INSENSITIVE
6276505	1370	EM_REPORTS	IMAGE COLOR UP/DOWN WAS REVERSED IN SL REPORT
6072673	1370	AGENT	EMAGENT - SOL - NMORRT FAILS TO START MASTER AGENT.
6321884	1370	OMS	BLACKOUT_WINDOWS TABLE NOT CLEANED AFTER BLACKOUT DELETE
6317986	1370	JOB	SUBMIT_JOB EMCLI DOES NOT SUPPORT SETTING UP LARGE PARAMETER
6216750	1370	AGENT	BEGIN MGMT_TARGET.SET_AGENT_ TZRGN DOESNT COMMIT
6323159	1370	THIRDPARTY	WEBLOGIC 10 MONITORING DOES NOT WORK WITH 10.2.0.3
6315375	1370	THIRDPARTY	WEBLOGIC 10 MONITORING DOES NOT WORK WITH 10.2.0.3
6339945	1370	REPOSITORY	UPDATE OF LAST_VIOLATION IN UPDATE_TZRGN_FOR_VIOLATIONS IS INEFFICIENT
6003641	1370	EM_REPORTS	PERMISSIONS AND OWNERSHIP REPORTS FOR THE DATABASE ARE EMPTY ON SUN OS
6068349	1370	AGENT	NMESRVC SHOULD BE ABLE TO USE SETTINGS FROM STATE HOME FILE SYSTEM
6322920	1370	REPOSITORY	TEMPLATE IS NOT COPYING THRESHOLD FROM SOURCE HOST TO DESTINATION
6169011	1370	REPORTS	GRID CONTROL REPORTING DO NOT SHOW CORRECT TIME IN GRAPH
6274425	1370	EM_REPORTS	'ALERTS AND POLICY VIOLATIONS HISTORY (GROUP) ' TIMES OUT
5390995	1370	AGENT	CRITICAL: 64 BIT COMPATIBILITY AGENT UPLOAD EMDCLIENT
6324220	1370	NOTIFY	MISSING CASCADE DROP INDEX IN DROP CONSTRAINT STMT
4603352	1370	REPOSITORY	NEED TO EXPOSE THE METRIC_GUID IN THE VIEWS AS WELL
5974596	1370	ECM	FAILED TO COLLECT HARDWARE INFORMATION
6028566	1370	OMS	PATCH 5646376 DOES NOT WORK IN 9.2.0.8 REPOSITORY

Table 1 (Cont.) Bugs Fixed in Enterprise Manager Grid Control 10.2.0.4.0

Base Bug	Product	Component	Subject
6347110	1370	REPOSITORY	TASK WORKERS DO NOT START IF JOB QUEUE PROCESS IS 0
6354074	1370	JOB	PDP CREDENTIALS GETTING COPIED FROM ONE TASK TO ANOTHER DIRECTLY IN MULTI TASK
6279898	1370	JOB	GRIDSYS TARGET DELETION CAUSES HUGE CONTENTION ON JOB TABLE
6313742	1370	AGENT	TARGET DISCOVERY ISSUE WHEN USING DBCA FOR EXTEND/PROVISION OPERATIONS
6345433	1370	JOB	EMAIL NOT SENT IF JOB OUTPUT IS TOO LONG
6336496	1370	POLICY	TARGET_COMPLIANCE METRIC TASK SHOULD BE LONG RUNNING (CLASS 1)
6327699	1370	JOB	GRIDUPGRD JOB SYSTEM UPGRADE IS TIME CONSUMMING
6339029	1370	REPOSITORY	GRIDSYS USER DEFINED FUNCTION CAUSING HIGH CPU UTILIZATION
6270546	1370	EM_REPORTS	'ORACLE DATABASE SPACE USAGE (GROUP)' REPORT TIMES OUT
6352964	1370	REPOSITORY	INEFFICIENT QUERY TO GET LAST VIOLATION DURING EXECUTE_REPOS_ SEVERITY_EVAL
6270192	1370	REPOSITORY	GRIDSYS BAS SQL FOR CLUSTER TARGET
6363234	1370	REPOSITORY	DISABLING OF COLLECTIONS FROM UI DOES NOT CLEAR THE ALERTS FOR THE COLLECTION
5121288	1370	REPOSITORY	Correction to Configuring HA Environments Using a Server Load Balancer
6522140	1370	CONSOLE	Error Occurs When Rediscovering Oracle Beehive Site
6644329	1370	AGENT	Enterprise Manager Sometimes Displays Only One Application Instance Per Oracle Home
6119132	1370	CLONING	FAILED TO START CLONED INSTANCE WITH ORA-00845 MEMORY_TARGET NOT SUPPORTED
5648922	1370	CONSOLE	GC DISCOVERY TO ASSOCIATE FQHN TO DISCOVERED TARGETS
5907000	1370	DATAGUARD	DG LOG APPLY STATUS IS "N/A" WHEN 11G TARGETS MONITORED ON 102030 EM
5370373	1370	DATAGUARD	FARM - DATA GUARD SWITCHOVER/FAILOVER ARE FAILING BECAUSE IT CAN'T PING THE AGENT
5859075	1370	AGENT	10.2.0.3 LINUXAMD : AGENT PUSH ON RAC INSTALLS AS SINGLE INSTANCE
6069344	1370	PATCHING	LINUX PATCHING DOES NOT SUPPORT 64-BIT LINUX

3 Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible, with good usability, to the disabled community. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Accessibility standards will continue to evolve over time, and Oracle is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For more information, visit the Oracle Accessibility Program Web site at http://www.oracle.com/accessibility/.

Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

Accessibility of Links to External Web Sites in Documentation

This documentation may contain links to Web sites of other companies or organizations that Oracle does not own or control. Oracle neither evaluates nor makes any representations regarding the accessibility of these Web sites.

TTY Access to Oracle Support Services

Oracle provides dedicated Text Telephone (TTY) access to Oracle Support Services within the United States of America 24 hours a day, seven days a week. For TTY support, call 800.446.2398.

If the Programs are delivered to the United States Government or anyone licensing or using the Programs on behalf of the United States Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the Programs, including documentation and technical data, shall be subject to the licensing restrictions set forth in the applicable Oracle license agreement, and, to the extent applicable, the additional rights set forth in FAR 52.227-19, Commercial Computer Software—Restricted Rights (June 1987). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065

The Programs are not intended for use in any nuclear, aviation, mass transit, medical, or other inherently dangerous applications. It shall be the licensee's responsibility to take all appropriate fail-safe, backup, redundancy and other measures to ensure the safe use of such applications if the Programs are used for such purposes, and we disclaim liability for any damages caused by such use of the Programs. Oracle, JD Edwards, PeopleSoft, and Siebel are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

Oracle Enterprise Manager Grid Control List of Bugs Fixed, 10g Release 4 (10.2.0.4.0) for Linux x86-64 E12310-01

Copyright © 2008, Oracle. All rights reserved.

The Programs (which include both the software and documentation) contain proprietary information; they are provided under a license agreement containing restrictions on use and disclosure and are also protected by copyright, patent, and other intellectual and industrial property laws. Reverse engineering, disassembly, or decompilation of the Programs, except to the extent required to obtain interoperability with other independently created software or as specified by law, is prohibited.

The information contained in this document is subject to change without notice. If you find any problems in the documentation, please report them to us in writing. This document is not warranted to be error-free. Except as may be expressly permitted in your license agreement for these Programs, no part of these Programs may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose.

The Programs may provide links to Web sites and access to content, products, and services from third parties. Oracle is not responsible for the availability of, or any content provided on, third-party Web sites. You bear all risks associated with the use of such content. If you choose to purchase any products or services from a third party, the relationship is directly between you and the third party. Oracle is not responsible for: (a) the quality of third-party products or services; or (b) fulfilling any of the terms of the agreement with the third party, including delivery of products or services and warranty obligations related to purchased products or services. Oracle is not responsible for any loss or damage of any sort that you may incur from dealing with any third party.