

November 15, 2016 12:36:35 PM

Oracle Environment Information Collector

This dbWatch Report displays data collected by the Oracle Environment Information Collector tasks. It shows information concerning the database.



dbWatch
DATABASE CONTROL

Databases

The report encompasses information from the following databases:

- DBY

1. System overview

1.1. Database information

The table below lists the license information for the database (internal use only).

DB id	Sid	DBMS Type	Version	Database	Host	Platform name	Edition	Checked date
2831170343	DBY	Oracle	11.2.0.3.0	DBY	HOSTY	Microsoft Windows x86 64-bit	Enterprise Edition	15/11/2016 12:36

1.2. Highwater information

Sid	CPU core count highwater	Socket count highwater	CPU count highwater	Session count highwater	Created users
DBY	4	2	4	161	8

1.3. Extra cost features

Option / Feature name	Version	Detected usages	Total samples	Currently used	First used date	Last used date	Description
SQL Tuning Advisor - Part of Oracle Tuning Pack	11.2.0.3.0	1	10	FALSE	01/10-2016, 06:09:42	01/10-2016, 06:09:42	SQL Tuning Advisor has been used.
AWR - Part of Oracle Diagnostic Pack	11.2.0.3.0	0	10	FALSE			A manual Automatic Workload Repository (AWR) snapshot was taken in the last sample period.
Oracle Data Mining	11.2.0.3.0	0	10	FALSE			There exist Oracle Data Mining models in the database.
Oracle Label Security	11.2.0.3.0	0	10	FALSE			Oracle Label Security, that enables label-based access control Oracle applications, is being used.

Oracle OLAP Analytic workspaces	11.2.0.3.0	0	10	FALSE			OLAP - the analytic workspaces stored in the database.
Oracle OLAP Cubes	11.2.0.3.0	0	10	FALSE			OLAP number of cubes in the OLAP catalog that are fully mapped and accessible by the OLAP API.
Oracle Partitioning	11.2.0.3.0	0	10	FALSE			Oracle Partitioning option is being used there is at least one user partitioned object created.
Oracle Real Application Clusters (Free on Standard Edition)	11.2.0.3.0	0	10	FALSE			Real Application Clusters (RAC) is configured.
Oracle Spatial	11.2.0.3.0	0	10	FALSE			There is at least one usage of the Oracle Spatial index metadata table.
Oracle Transparent Gateways (Separate license on SE/EE)	11.2.0.3.0	0	10	FALSE			Heterogeneous Connectivity, access to a non-Oracle system, has been configured.
SQL Access Advisor - Part of Oracle Tuning Pack	11.2.0.3.0	0	10	FALSE			SQL Access Advisor has been used.

1.4. Database options installed

Option name	Installed
Active Data Guard	TRUE
Advanced Compression	TRUE
Advanced replication	TRUE

Application Role	TRUE
Backup Encryption	TRUE
Basic Compression	TRUE
Bit-mapped indexes	TRUE
Block Change Tracking	TRUE
Block Media Recovery	TRUE
Change Data Capture	TRUE

Coalesce Index	TRUE
Connection multiplexing	TRUE
Connection pooling	TRUE
DICOM	TRUE
Data Mining	TRUE
Database queuing	TRUE
Database resource manager	TRUE
Deferred Segment Creation	TRUE
Duplexed backups	TRUE
Enterprise User Security	TRUE
Export transportable tablespaces	TRUE
Fast-Start Fault Recovery	TRUE
File Mapping	TRUE
Fine-grained Auditing	TRUE
Fine-grained access control	TRUE
Flashback Data Archive	TRUE
Flashback Database	TRUE
Flashback Table	TRUE
Incremental backup and recovery	TRUE
Instead-of triggers	TRUE
Java	TRUE
Join index	TRUE
Managed Standby	TRUE
Materialized view rewrite	TRUE
OLAP	TRUE
OLAP Window Functions	TRUE
Objects	TRUE
Online Index Build	TRUE
Online Redefinition	TRUE
Oracle Data Guard	TRUE
Parallel backup and recovery	TRUE
Parallel execution	TRUE
Parallel load	TRUE

Partitioning	TRUE
Plan Stability	TRUE
Point-in-time tablespace recovery	TRUE
Proxy authentication/authorization	TRUE
Real Application Testing	TRUE
Result Cache	TRUE
SQL Plan Management	TRUE
Sample Scan	TRUE
SecureFiles Encryption	TRUE
Server Flash Cache	TRUE
Spatial	TRUE
Streams Capture	TRUE
Transparent Application Failover	TRUE
Transparent Data Encryption	TRUE
Trial Recovery	TRUE
Unused Block Compression	TRUE
XStream	TRUE

1.5. Component usage

Component name	Version	Detected usages	Total samples	Currently used	First used date	Last used date	Description
Audit Options	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Audit options in use.
Automatic Maintenance - Optimizer Statistics Gathering	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Automatic initiation of Optimizer Statistics Collection
Automatic Maintenance SQL Tuning Advisor	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Automatic initiation of SQL Tuning Advisor
Automatic Maintenance Space Advisor	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Automatic initiation of Space Advisor
Automatic SGA Tuning	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Automatic SGA Tuning is enabled.

Automatic SQL Execution Memory	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Sizing of work areas for all dedicated sessions (PGA) is automatic.
Automatic SQL Tuning Advisor	11.2.0.3.0	9	10	TRUE	16/09-2016, 22:01:37	12/11-2016, 01:49:45	Automatic SQL Tuning Advisor has been used.
Automatic Segment Space Management (system)	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Extents of locally managed tablespaces are managed automatically by Oracle.

Automatic Segment Space Management (user)	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Extents of locally managed user tablespaces are managed automatically by Oracle.
Automatic Undo Management	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Oracle automatically manages undo data using an UNDO tablespace.
Bigfile Tablespace	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Bigfile tablespace is being used
Character Set	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Character set is used in Oracle Database
Deferred Segment Creation	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Deferred Segment Creation is being used
LOB	11.2.0.3.0	9	10	TRUE	16/09-2016, 22:01:37	12/11-2016, 01:49:45	Persistent LOBs are being used.

Locally Managed Tablespaces (system)	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	There exists tablespaces that are locally managed in the database.
Locally Managed Tablespaces (user)	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	There exists user tablespaces that are locally managed in the database.
Oracle Java Virtual Machine (system)	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	OJVM default system users
Oracle Managed Files	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Database files are being managed by Oracle.
Oracle Utility Datapump (Export)	11.2.0.3.0	1	10	TRUE	12/11-2016, 01:49:45	12/11-2016, 01:49:45	Oracle Utility Datapump (Export) has been used.

Oracle Utility Datapump (Import)	11.2.0.3.0	2	10	FALSE	09/09-2016, 15:27:45	16/09-2016, 22:01:37	Oracle Utility Datapump (Import) has been used.
Oracle Utility Metadata API	11.2.0.3.0	2	10	TRUE	08/10-2016, 06:14:07	12/11-2016, 01:49:45	Oracle Utility (Metadata API) has been used.
Partitioning (system)	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Oracle Partitioning option is being used - there is at least one partitioned object created.

RMAN - Tape Backup	11.2.0.3.0	9	10	TRUE	16/09-2016, 22:01:37	12/11-2016, 01:49:45	Recovery Manager (RMAN) is being used to backup the database to tape.
Recovery Area	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	The recovery area is configured.
Recovery Manager (RMAN)	11.2.0.3.0	9	10	TRUE	16/09-2016, 22:01:37	12/11-2016, 01:49:45	Recovery Manager (RMAN) is being used to backup the database.
SQL Tuning Advisor	11.2.0.3.0	1	10	FALSE	01/10-2016, 06:09:42	01/10-2016, 06:09:42	SQL Tuning Advisor has been used.
SecureFiles (system)	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	SecureFiles is being used by system users
SecureFiles (user)	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	SecureFiles is being used
Server Parameter File	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	The server parameter file (SPFILE) was used to startup the database.
Services	11.2.0.3.0	9	10	TRUE	16/09-2016, 22:01:37	12/11-2016, 01:49:45	Oracle Services.
Virtual Private Database (VPD)	11.2.0.3.0	10	10	TRUE	09/09-2016, 15:27:45	12/11-2016, 01:49:45	Virtual Private Database (VPD) policies are being used.

1.6. Created users information

Username	Account status	Profile name	Default tablespace	Temporary tablespace	Created date

XZY	OPEN	DEFAULT	XZYDATA	AGRTEMP	09/09-2016, 15:12:47
ANONYMOUS	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 05:59:56
APEX_030200	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 06:21:18
APEX_PUBLIC_USER	EXPIRED & LOCKED	DEFAULT	USERS	TEMP	03/11-2011, 06:21:18
APPQOSSYS	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 05:49:39
BPCSYSADM	OPEN	DEFAULT	USERS	TEMP	09/09-2016, 18:08:54
CTXSYS	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 05:59:18
DBSNMP	EXPIRED & LOCKED	MONITORING_PROFILE	SYSAUX	TEMP	03/11-2011, 05:49:37
DBWATCH	OPEN	DEFAULT	DBWATCH	TEMP	09/09-2016, 14:36:03
DIP	EXPIRED & LOCKED	DEFAULT	USERS	TEMP	03/11-2011, 05:41:45
EXFSYS	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 05:59:02
FLows_FILES	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 06:21:17
MDDATA	EXPIRED & LOCKED	DEFAULT	USERS	TEMP	03/11-2011, 06:09:35
MDSYS	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 06:02:21
MGMT_VIEW	EXPIRED & LOCKED	DEFAULT	SYSTEM	TEMP	03/11-2011, 06:19:13
OLAPSYS	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 06:08:22
ORACLE_OCM	EXPIRED & LOCKED	DEFAULT	USERS	TEMP	03/11-2011, 05:42:44
ORDDATA	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 06:02:21
ORDPLUGINS	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 06:02:21
ORDSYS	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 06:02:21
OUTLN	EXPIRED & LOCKED	DEFAULT	SYSTEM	TEMP	03/11-2011, 05:39:21
OWBSYS	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 06:38:03
OWBSYS_AUDIT	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 06:38:07
SCOTT	EXPIRED & LOCKED	DEFAULT	USERS	TEMP	03/11-2011, 06:39:35
SI_INFORMTN_SCHEMA	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 06:02:21
SPATIAL_CSW_ADMIN_USR	EXPIRED & LOCKED	DEFAULT	USERS	TEMP	03/11-2011, 06:14:17
SPATIAL_WFS_ADMIN_USR	EXPIRED & LOCKED	DEFAULT	USERS	TEMP	03/11-2011, 06:14:09
SYS	OPEN	DEFAULT	SYSTEM	TEMP	03/11-2011, 05:39:19
SYSMAN	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 06:14:42
SYSTEM	OPEN	DEFAULT	SYSTEM	TEMP	03/11-2011, 05:39:19
WMSYS	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 05:51:21
XDB	EXPIRED & LOCKED	DEFAULT	SYSAUX	TEMP	03/11-2011, 05:59:56
XSSNULL	EXPIRED & LOCKED	DEFAULT	USERS	TEMP	03/11-2011, 06:01:56

1.7. Database options information

Option name	Installed
Active Data Guard	TRUE

Advanced Compression	TRUE
Advanced replication	TRUE
Application Role	TRUE
Automatic Storage Management	FALSE
Backup Encryption	TRUE
Basic Compression	TRUE
Bit-mapped indexes	TRUE
Block Change Tracking	TRUE
Block Media Recovery	TRUE
Change Data Capture	TRUE
Coalesce Index	TRUE
Connection multiplexing	TRUE
Connection pooling	TRUE
DICOM	TRUE
Data Mining	TRUE
Database queuing	TRUE
Database resource manager	TRUE
Deferred Segment Creation	TRUE
Duplexed backups	TRUE
Enterprise User Security	TRUE
Export transportable tablespaces	TRUE
Fast-Start Fault Recovery	TRUE
File Mapping	TRUE
Fine-grained Auditing	TRUE
Fine-grained access control	TRUE
Flashback Data Archive	TRUE
Flashback Database	TRUE
Flashback Table	TRUE
Incremental backup and recovery	TRUE
Instead-of triggers	TRUE
Java	TRUE
Join index	TRUE
Managed Standby	TRUE
Materialized view rewrite	TRUE
OLAP	TRUE
OLAP Window Functions	TRUE
Objects	TRUE
Online Index Build	TRUE
Online Redefinition	TRUE
Oracle Data Guard	TRUE
Oracle Database Vault	FALSE

Oracle Label Security	FALSE
Parallel backup and recovery	TRUE
Parallel execution	TRUE
Parallel load	TRUE
Partitioning	TRUE
Plan Stability	TRUE
Point-in-time tablespace recovery	TRUE
Proxy authentication/authorization	TRUE
Real Application Clusters	FALSE
Real Application Testing	TRUE
Result Cache	TRUE
SQL Plan Management	TRUE
Sample Scan	TRUE
SecureFiles Encryption	TRUE
Server Flash Cache	TRUE
Spatial	TRUE
Streams Capture	TRUE
Transparent Application Failover	TRUE
Transparent Data Encryption	TRUE
Trial Recovery	TRUE
Unused Block Compression	TRUE
XStream	TRUE

1.8. Complete component usage list

Component name	Detected usages	Currently used	First used date	Description
ADDM	0	FALSE		ADDM has been used.
ASO native encryption and checksumming	0	FALSE		ASO network native encryption and checksumming is being used.
AWR Baseline	0	FALSE		At least one AWR Baseline has been created by the user
AWR Baseline Template	0	FALSE		At least one AWR Baseline Template has been created by the user
AWR Report	0	FALSE		At least one Workload Repository Report has been created by the user

Active Data Guard - Real-Time Query on Physical Standby	0	FALSE		Active Data Guard real-time query is enabled on a physical standby
Advanced Replication	0	FALSE		Advanced Replication has been enabled.
Application Express	0	FALSE		Application Express feature is being used.
Audit Options	10	TRUE	09/09-2016, 15:27:45	Audit options in use.
Automatic Maintenance - Optimizer Statistics Gathering	10	TRUE	09/09-2016, 15:27:45	Automatic initiation of Optimizer Statistics Collection
Automatic Maintenance - SQL Tuning Advisor	10	TRUE	09/09-2016, 15:27:45	Automatic initiation of SQL Tuning Advisor
Automatic Maintenance - Space Advisor	10	TRUE	09/09-2016, 15:27:45	Automatic initiation of Space Advisor
Automatic Memory Tuning	0	FALSE		Automatic Memory Tuning is enabled.
Automatic SGA Tuning	10	TRUE	09/09-2016, 15:27:45	Automatic SGA Tuning is enabled.
Automatic SQL Execution Memory	10	TRUE	09/09-2016, 15:27:45	Sizing of work areas for all dedicated sessions (PGA) is automatic.
Automatic SQL Tuning Advisor	9	TRUE	16/09-2016, 22:01:37	Automatic SQL Tuning Advisor has been used.
Automatic Segment Space Management (system)	10	TRUE	09/09-2016, 15:27:45	Extents of locally managed tablespaces are managed automatically by Oracle.
Automatic Segment Space Management (user)	10	TRUE	09/09-2016, 15:27:45	Extents of locally managed user tablespaces are managed automatically by Oracle.
Automatic Storage Management	0	FALSE		Automatic Storage Management has been enabled

Automatic Undo Management	10	TRUE	09/09-2016, 15:27:45	Oracle automatically manages undo data using an UNDO tablespace.
Automatic Workload Repository	0	FALSE		A manual Automatic Workload Repository (AWR) snapshot was taken in the last sample period.

Backup BASIC Compression	0	FALSE		BASIC compressed backups are being used.
Backup BZIP2 Compression	0	FALSE		BZIP2 compressed backups are being used.
Backup Encryption	0	FALSE		Encrypted backups are being used.
Backup HIGH Compression	0	FALSE		HIGH compressed backups are being used.
Backup LOW Compression	0	FALSE		LOW compressed backups are being used.
Backup MEDIUM Compression	0	FALSE		MEDIUM compressed backups are being used.
Backup Rollforward	0	FALSE		Backup Rollforward strategy is being used to backup the database.
Backup ZLIB Compression	0	FALSE		ZLIB compressed backups are being used.
Baseline Adaptive Thresholds	0	FALSE		Adaptive Thresholds have been configured.
Baseline Static Computations	0	FALSE		Static baseline statistics have been computed.
Bigfile Tablespace	10	TRUE	09/09-2016, 15:27:45	Bigfile tablespace is being used

Block Media Recovery	0	FALSE		Block Media Recovery is being used to repair the database.
CSSCAN	0	FALSE		Oracle Database has been scanned at least once for character set:CSSCAN has been run at least once.
Change Data Capture	0	FALSE		Change Data Capture exit in the database
Change-Aware Incremental Backup	0	FALSE		Track blocks that have changed in the database.
Character Semantics	0	FALSE		Character length semantics is used in Oracle Database
Character Set	10	TRUE	09/09-2016, 15:27:45	Character set is used in Oracle Database

Client Identifier	0	FALSE		Application User Proxy Authentication: Client Identifier is used at this specific time.
Clusterwide Global Transactions	0	FALSE		Clusterwide Global Transactions is being used.
Compression Advisor	0	FALSE		Compression Advisor has been used.
Crossedition Triggers	0	FALSE		Crossedition triggers is being used.
DBMS_STATS Incremental Maintenance	0	FALSE		DBMS_STATS Incremental Maintenance has been used.
Data Guard	0	FALSE		Data Guard, a set of services, is being used to create, maintain, manage, and monitor one or more standby databases.

Data Mining	0	FALSE		There exist Oracle Data Mining models in the database.
Data Recovery Advisor	0	FALSE		Data Recovery Advisor (DRA) is being used to repair the database.
Database Migration Assistant for Unicode	0	FALSE		Database Migration Assistant for Unicode has been used.
Database Replay: Workload Capture	0	FALSE		Database Replay: Workload was ever captured.
Database Replay: Workload Replay	0	FALSE		Database Replay: Workload was ever replayed.
Deferred Open Read Only	0	FALSE		Deferred open read only feature is enabled
Deferred Segment Creation	10	TRUE	09/09-2016, 15:27:45	Deferred Segment Creation is being used
Direct NFS	0	FALSE		Direct NFS is being used to connect to an NFS server
Dynamic SGA	0	FALSE		The Oracle SGA has been dynamically resized through an ALTER SYSTEM SET statement.

EM Database Control	0	FALSE		EM Database Control Home Page has been visited at least once.
EM Grid Control	0	FALSE		EM Grid Control Database Home Page has been visited at least once.
EM Performance Page	0	FALSE		EM Performance Page has been visited at least once.
Editioning Views	0	FALSE		Editioning views is being used.

Editions	0	FALSE		Editions is being used.
Encrypted Tablespaces	0	FALSE		Encrypted Tablespaces is enabled.
Exadata	0	FALSE		Exadata is being used
Extensibility	0	FALSE		Extensibility feature is being used.
File Mapping	0	FALSE		File Mapping, the mechanism that shows a complete mapping of a file to logical volumes and physical devices, is being used.
Flashback Data Archive	0	FALSE		Flashback Data Archive, a historical repository of changes to data contained in a table, is used
Flashback Database	0	FALSE		Flashback Database, a rewind button for the database, is enabled
GoldenGate	0	FALSE		Oracle GoldenGate has been configured
HeapCompression	0	FALSE		Heap Compression is being used
Hybrid Columnar Compression	0	FALSE		Hybrid Columnar Compression is used
Instance Caging	0	FALSE		Instance Caging is being used to limit the CPU usage by the database instance.
Internode Parallel Execution	0	FALSE		Internode Parallel Execution is being used.
Job Scheduler	0	FALSE		Job Scheduler feature is being used.
LOB	9	TRUE	16/09-2016, 22:01:37	Persistent LOBs are being used.

Label Security	0	FALSE		Oracle Label Security, that enables label-based access control Oracle applications, is being used.
Locally Managed Tablespaces (system)	10	TRUE	09/09-2016, 15:27:45	There exists tablespaces that are locally managed in the database.
Locally Managed Tablespaces (user)	10	TRUE	09/09-2016, 15:27:45	There exists user tablespaces that are locally managed in the database.
Locator	0	FALSE		There is at least one usage of the Oracle Locator index metadata table.
Logfile Multiplexing	0	FALSE		Multiple members are used in a single log file group
Long-term Archival Backup	0	FALSE		Long-term archival backups are being used.
MTTR Advisor	0	FALSE		Mean Time to Recover Advisor is enabled.
Materialized Views (User)	0	FALSE		User Materialized Views exist in the database
Messaging Gateway	0	FALSE		Messaging Gateway, that enables communication between nonOracle messaging systems and Advanced Queuing (AQ), link configured.
Multi Section Backup	0	FALSE		Multi section backups are being used.
Multiple Block Sizes	0	FALSE		Multiple Block Sizes are being used with this database.
OLAP - Analytic Workspaces	0	FALSE		OLAP - the analytic workspaces stored in the database.

OLAP - Cubes	0	FALSE		OLAP - number of cubes in the OLAP catalog that are fully mapped and accessible by the OLAP API.
Object	0	FALSE		Object feature is being used.
Oracle Database Vault	0	FALSE		Oracle Database Vault is being used
Oracle Java Virtual Machine (system)	10	TRUE	09/09-2016, 15:27:45	OJVM default system users
Oracle Java Virtual Machine (user)	0	FALSE		OJVM has been used by at least one non-system user
Oracle Managed Files	10	TRUE	09/09-2016, 15:27:45	Database files are being managed by Oracle.
Oracle Multimedia	0	FALSE		Oracle Multimedia has been used
Oracle Multimedia DICOM	0	FALSE		Oracle Multimedia DICOM (Digital Imaging and COmmunications in Medicine) has been used
Oracle Secure Backup	0	FALSE		Oracle Secure Backup is used for backups to tertiary storage.
Oracle Text	0	FALSE		Oracle Text is being used - there is at least one oracle text index
Oracle Utility Datapump (Export)	1	TRUE	12/11-2016, 01:49:45	Oracle Utility Datapump (Export) has been used.
Oracle Utility Datapump (Import)	2	FALSE	09/09-2016, 15:27:45	Oracle Utility Datapump (Import) has been used.
Oracle Utility External Table	0	FALSE		Oracle Utility External Table has been used.
Oracle Utility Metadata API	2	TRUE	08/10-2016, 06:14:07	Oracle Utility (Metadata API) has been used.

Oracle Utility SQL Loader (Direct Path Load)	0	FALSE		Oracle Utility SQL Loader (Direct Path Load) has been used.
PL/SQL Native Compilation	0	FALSE		PL/SQL Native Compilation is being used - there is at least one natively compiled PL/SQL library unit in the database.
Parallel SQL DDL Execution	0	FALSE		Parallel SQL DDL Execution is being used.
Parallel SQL DML Execution	0	FALSE		Parallel SQL DML Execution is being used.
Parallel SQL Query Execution	0	FALSE		Parallel SQL Query Execution is being used.

Partitioning (system)	10	TRUE	09/09-2016, 15:27:45	Oracle Partitioning option is being used - there is at least one partitioned object created.
Partitioning (user)	0	FALSE		Oracle Partitioning option is being used - there is at least one user partitioned object created.
Quality of Service Management	0	FALSE		Quality of Service Management has been used.
RMAN - Disk Backup	0	FALSE		Recovery Manager (RMAN) is being used to backup the database to disk.
RMAN - Tape Backup	9	TRUE	16/09-2016, 22:01:37	Recovery Manager (RMAN) is being used to backup the database to tape.
Read Only Tablespace	0	FALSE		Read only tablespace is being used
Real Application Clusters (RAC)	0	FALSE		Real Application Clusters (RAC) is configured.
Real-Time SQL Monitoring	0	FALSE		Real-Time SQL Monitoring Usage.

Recovery Area	10	TRUE	09/09-2016, 15:27:45	The recovery area is configured.
Recovery Manager (RMAN)	9	TRUE	16/09-2016, 22:01:37	Recovery Manager (RMAN) is being used to backup the database.
Resource Manager	0	FALSE		Oracle Database Resource Manager is being used to manage database resources.
Restore Point	0	FALSE		Restore Points are being used as targets for Flashback
Result Cache	0	FALSE		The Result Cache feature has been used.
Rules Manager	0	FALSE		Rules Manager and Expression Filter
SQL Access Advisor	0	FALSE		SQL Access Advisor has been used.
SQL Monitoring and Tuning pages	0	FALSE		EM SQL Monitoring and Tuning pages has been visited at least once.
SQL Performance Analyzer	0	FALSE		SQL Performance Analyzer has been used.

SQL Plan Management	0	FALSE		SQL Plan Management has been used.
SQL Profile	0	FALSE		SQL profiles have been used.
SQL Repair Advisor	0	FALSE		SQL Repair Advisor has been used.
SQL Tuning Advisor	1	FALSE	01/10-2016, 06:09:42	SQL Tuning Advisor has been used.
SQL Tuning Set (system)	0	FALSE		A SQL Tuning Set has been created in the database in the SYS schema.

SQL Tuning Set (user)	0	FALSE		A SQL Tuning Set has been created in the database in a user schema.
SQL Workload Manager	0	FALSE		SQL Workload Manager has been used.
SecureFile Compression (system)	0	FALSE		SecureFile Compression is being used by system users
SecureFile Compression (user)	0	FALSE		SecureFile Compression is being used
SecureFile Deduplication (system)	0	FALSE		SecureFile Deduplication is being used by system users
SecureFile Deduplication (user)	0	FALSE		SecureFile Deduplication is being used
SecureFile Encryption (system)	0	FALSE		SecureFile Encryption is being used by system users
SecureFile Encryption (user)	0	FALSE		SecureFile Encryption is being used
SecureFiles (system)	10	TRUE	09/09-2016, 15:27:45	SecureFiles is being used by system users
SecureFiles (user)	10	TRUE	09/09-2016, 15:27:45	SecureFiles is being used
Segment Advisor (user)	0	FALSE		Segment Advisor has been used. There is at least one user task executed.
Segment Shrink	0	FALSE		Segment Shrink has been used.
Semantics/RDF	0	FALSE		A semantic network has been created indicating usage of the Oracle Semantics Feature.
Server Flash Cache	0	FALSE		Server Flash Cache is being used with this database.

Server Parameter File	10	TRUE	09/09-2016, 15:27:45	The server parameter file (SPFILE) was used to startup the database.
Services	9	TRUE	16/09-2016, 22:01:37	Oracle Services.
Shared Server	0	FALSE		The database is configured as Shared Server, where one server process can service multiple client programs.
Spatial	0	FALSE		There is at least one usage of the Oracle Spatial index metadata table.
Streams (system)	0	FALSE		Oracle Streams processes have been configured
Streams (user)	0	FALSE		Users have configured Oracle Streams AQ
Transparent Data Encryption	0	FALSE		Transparent Database Encryption is being used. There is atleast one column or tablespace that is encrypted.
Transparent Gateway	0	FALSE		Heterogeneous Connectivity, access to a nonOracle system, has been configured.
Transportable Tablespace	0	FALSE		Transportable tablespace is being used
Tune MView	0	FALSE		Tune MView has been used.
Undo Advisor	0	FALSE		Undo Advisor has been used.
Very Large Memory	0	FALSE		Very Large Memory is enabled.
Virtual Private Database (VPD)	10	TRUE	09/09-2016, 15:27:45	Virtual Private Database (VPD) policies are being used.

Workspace Manager	0	FALSE		There is at least one version enabled table.
XDB	0	FALSE		XDB feature is being used.
XStream In	0	FALSE		Oracle XStream Inbound servers have been configured
XStream Out	0	FALSE		Oracle XStream Outbound servers have been configured
XStream Streams	0	FALSE		Oracle Streams with XStream functionality has been configured

1.9. Oracle feature and options list

Name	Group	Available	Extra cost option	Notes
Drop column	Additional Database Features	Yes	No	
Index-Organized Tables	Additional Database Features	Yes	No	
LOB (large object binary) support	Additional Database Features	Yes	No	
Multiple block size support	Additional Database Features	Yes	No	
Virtual Column	Additional Database Features	Yes	No	Use of virtual columns as primary keys or foreign keys require Enterprise Edition and Oracle Partitioning Option
Multimedia	Content	Yes	No	
Oracle Workspace Manager	Content	Yes	No	
SecureFiles	Content	Yes	No	Compression, deduplication are part of an Enterprise Option (Advanced Compression Option). Encryption is part of an Enterprise Option (Advanced Security Option)

Semantic Technologies (RDF/OWL)	Content	Yes	No	Requires Spatial, Advanced Compression Option and Partitioning Options
Client Side Query Cache	Development Platform	Yes	No	
Globalization support	Development Platform	Yes	No	
Java Server Pages	Development Platform	Yes	No	
Java support	Development Platform	Yes	No	
Microsoft Distributed Transaction Coordinator Support	Development Platform	Yes	No	Windows only
Native .NET Data Provider - ODP.NET	Development Platform	Yes	No	Windows only
Objects and extensibility	Development Platform	Yes	No	
PL/SQL Native Compilation	Development Platform	Yes	No	
PL/SQL stored procedures and triggers	Development Platform	Yes	No	
SQL *Plus	Development Platform	Yes	No	

SQLJ	Development Platform	Yes	No	
XML support in the database	Development Platform	Yes	No	Includes Binary XML, XML Object-Relational, XML Index, XML Repository
Basic Standby Database (Manually managed)	High Availability	Yes	No	
Data Recovery Advisor	High Availability	Yes	No	
Fast RMAN Compression (ZLIB)	High Availability	Yes	Yes	Enterprise Option (Advanced Compression Option)
Fast-Start Fault Recovery	High Availability	Yes	No	
Flashback Data Archive ("Oracle Total Recall")	High Availability	Yes	Yes	Enterprise Option
Flashback Table	High Availability	Yes	No	
Flashback Transaction	High Availability	Yes	No	
Incremental backup and recovery	High Availability	Yes	No	EE only: fast incremental backups available via change tracking

Online index-organized table reorganization	High Availability	Yes	No	via ALTER TABLE MOVE ONLINE
Online system changes - CPU, disk, memory	High Availability	Yes	No	
Oracle Active Data Guard	High Availability	Yes	Yes	Enterprise Option (Active Data Guard)
Oracle Data Guard - SQL Apply	High Availability	Yes	No	
Parallel backup and recovery	High Availability	Yes	No	
Trial recovery	High Availability	Yes	No	
Basic Replication	Integration	Yes	No	Read only and updatable materialized views. Also single master for updatable MVs and multi-tier MVs
Distributed Querys/Transactions	Integration	Yes	No	
External procedures	Integration	Yes	No	
Oracle Streams Advanced Queuing	Integration	Yes	No	
Transparent Gateways	Integration	Yes	Yes	Licensed separately for SE/EE
Automatic Memory management	Manageability	Yes	No	
Automatic Undo management	Manageability	Yes	No	
Duplexed backup sets	Manageability	Yes	No	
Easy Client Install	Manageability	Yes	No	
End-to-End Application Tracing	Manageability	Yes	No	
Oracle Change Management Pack	Manageability	Yes	Yes	Enterprise option
Oracle Diagnostic Pack	Manageability	Yes	Yes	Enterprise option
Oracle Provisioning and Patch Automation Pack	Manageability	Yes	Yes	Enterprise option
SQL Plan Manager	Manageability	Yes	No	
Server managed backup and recover (RMAN)	Manageability	Yes	No	
Infiniband support	Networking	Yes	No	
Oracle Connection Manager	Networking	Yes	No	
Automatic Workload Management	Performance and Scalability	Yes	No	Requires RAC

In-Memory Database Cache	Performance and Scalability	Yes	Yes	Enterprise Option
Oracle Real Application Clusters	Performance and Scalability	Yes	Yes	Enterprise Option and included with SE
Encryption toolkit	Security	Yes	No	
Oracle Label Security	Security	Yes	Yes	Enterprise option
Bitmapped index and bitmapped join index	VLDB, Data Warehousing, Business Intelligence	Yes	No	
Data Pump Compression	VLDB, Data Warehousing, Business Intelligence	Yes	Yes	Enterprise Option (Advanced Compression Option)
External tables	VLDB, Data Warehousing, Business Intelligence	Yes	No	
Import Transportable tablespaces	VLDB, Data Warehousing, Business Intelligence	Yes	No	
OLTP Data Compression	VLDB, Data Warehousing, Business Intelligence	Yes	Yes	Enterprise Option (Advanced Compression Option)
Oracle Data Mining	VLDB, Data Warehousing, Business Intelligence	Yes	Yes	Enterprise option
Oracle Partitioning	VLDB, Data Warehousing, Business Intelligence	Yes	Yes	Enterprise option
Parallel Query/DML	VLDB, Data Warehousing, Business Intelligence	Yes	No	
Parallel index build/scans	VLDB, Data Warehousing, Business Intelligence	Yes	No	
Query Rewrite Cache	VLDB, Data Warehousing, Business Intelligence	Yes	No	
Sample scan	VLDB, Data Warehousing, Business Intelligence	Yes	No	
Summary management Materialized View Query Rewrite	VLDB, Data Warehousing, Business Intelligence	Yes	No	
Synchronous Change Data Capture	VLDB, Data Warehousing, Business Intelligence	Yes	No	

1.10. Oracle Processor Core Factor Table

This is the Processor Core Factor Table from Oracle for calculating CPU licenses for multicore machines.

Vendor and Processor	Core Processor License Factor
Sun Fire T1000 Server, SPARC Enterprise T1000 Server, with 6 or 8-core 1.0 Ghz UltraSPARC T1 processor	0.25

We can't detect this accurately from inside Oracle, so you must manually calculate your CPU license

number. Please check your vendor and cpu type to determine correct CPU license number. (Number of cores)*(Core processor licensing factor) = Oracle CPU license number.

Sun Fire T1000 Server, SPARC Enterprise T2000 Server, with 4, 6 or 8-core 1.0 Ghz, or 8 core 1.2 GHz UltraSPARC T1 processor	0.25
Sun Netra T2000, 1.0 or 1.2 GHz UltraSPARC T1 processor	0.25
Sun Fire T2000 Server and SPARC Enterprise T2000 Server, with 8-core, 1.4 GHz UltraSPARC T1 processor	0.5
Sun T6300, 1.4 GHz UltraSPARC T1 processor	0.5
AMD Opteron Models 13XX, 23XX, 24XX, 83XX, 84XX or earlier Multicore chips	0.5
Intel Xeon Series 74XX, Series 55XX or earlier Multicore chips	0.5
Intel Itanium Series 91XX or earlier Multicore chips	0.5
Intel or AMD Desktop, Laptop/Notebook, or Netbook Multicore chips	0.5
Sun UltraSPARC T2+	0.5
Sun and Fujitsu SPARC64 VI, VII	0.75
Sun UltraSPARC IV, IV+, or earlier Multicore chips	0.75
Sun UltraSPARC T2	0.75
HP PA-RISC	0.75
IBM Power5+ or earlier Multicore chips	0.75
All Single Core Chips	1.0
IBM Power6	1.0
IBM Systems z (z10 and earlier)	1.0
All Other Multicore chips	1.0