

Seab@er Software AG

Oracle Dokumentation 08 - Database Views



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1. Vorwort

Diese Dokumentation ist entstanden, da ich beruflich mich mit Oracle beschäftigen musste. Was ich sehr gerne übernommen habe und es macht richtig Spaß mit Oracle zu arbeiten. Alle Informationen, die ich zusammentragen konnte, habe ich nun in dieser Dokumentation geschrieben. Ebenso sind meine Erfahrungen in diese Dokumentation eingeflossen.

Oracle wird auf Linux und Windows Servern in unserer Firma betrieben. Die Installation von Oracle wird für die Linux Server beschrieben, da eine Windows Installation nicht so aufwendig ist.

Diese Dokumentation wurde für die Oracle Datenbank 10G R2 und 11G R1 geschrieben und auch getestet.

Die Datenbank in der Version 11G R1 wurde in einer VMWare Session installiert und als Betriebssystem wurde Novel SLES 10 SP2 installiert.

Bei dem Betriebssystem und auch Oracle handelt es sich um die 32 Bit Version. Für die 64 Bit Version werden noch zusätzliche Softwarepakete gebraucht.

2. Database Views

2.1 DBA Views

Alle DBA-Views incl. der Beschreibung sind von Oracle übernommen worden.

2.1.1 Advanced Queuing

<u>View Name</u>	<u>Beschreibung</u>
dba_aq_agent_privs	displays information about the registered AQ agents that are mapped to all users in the database.
dba_aq_agents	provides information about all registered AQ agents in the database.
dba_queue_schedules	describes the current schedules for propagating messages.
dba_queue_tables	shows all the queue tables created in the database.
dba_queues	list all database queues.
dba_transformations	displays information about all transformations in the database.

2.1.2 Advisors

<u>View Name</u>	<u>Beschreibung</u>
dba_advisor_actions	Displays information about the actions associated with all recommendations in the database. Each action is specified by the command and ATTR1 to ATTR6 columns. Each command defines how the attribute columns will be used.
dba_advisor_definitions	Displays the properties of all advisors in the database. The view contains one row for each task, representing the current state of the task as well as execution-specific data such as progress monitoring and completion status.
dba_advisor_commands	Displays information about the commands used by all advisors in the database for specifying recommended actions and about the set of commands in the command column of v\$session.
dba_advisor_findings	Displays the findings discovered by all advisors in the database.
dba_advisor_journal	Displays the journal entries for all tasks in the database.
dba_advisor_log	Displays information about the current state of all tasks in the database as well execution-specific data such as progress monitoring and completion status. The view contains one row for each task.
dba_advisor_object_types	Disolays information about the objects types used by all advisors in the database and about the regular database object types, such as table and index.
dba_advisor_objects	Display information about the objects currently referenced by all advisors in the database. Each row in the view pertains to an object instantiation.

dba_advisor_parameters	Display the parameters and their current values for all tasks in the database.
dba_advisor_rationale	Displays information about the rationales for all recommendations of the database.
dba_sqlltune_rationale_plan	Displays the association between rationales and operations in the execution plan of all sql statements in the database.
dba_advisor_recommendations	Displays the results of an analysis of all recommendations in the Database. A recommendation can have multiple actions associated with it. Actions are described in the DBA_ADVISORS_ACTIONS view. A recommendation also point to a set of rationales that present a justification / reasoning for that recommendation. These rationales are in the DBA_ADVISOR_RATIONALE view.
dba_advisor_sqla_rec_sum	Displays recommendation rollup information for all workload objects in the database after a sql access advisor analysis operation.
dba_advisor_sqla_wk_map	Displays the workload references for all tasks in the database. Workload references are necessary to enable sql access advisor to find required workload data.
dba_advisor_sqla_wk_stmts	Displays rows that correspond to all statement in the workload. All columns are guaranteed to be non-null.
dba_advisor_sqlw_journal	Displays the journal entries for all workload objects in the database.
dba_advisor_sqlw_parameters	Displays all workload parameters and their current values in the database.
dba_advisor_sqlw_stmts	Displays rows that correspond to all statements in the workload.
dba_advisor_sqlw_sum	Displays an aggregated picture of all sqlwkld workload objects in the database.
dba_advisor_sqlw_tables	Displays cross-references between the workload statements and the tables referenced in the statements.
dba_advisor_sqlw_templates	Displays an aggregated picture of all sqlwkld template objects in the database:
dba_advisor_tasks	Displays information about all tasks in the database. The view contains one row for each task. Each task contains name that is unique to the owner. Task names are just informational and no enforced within any namespace.
dba_advisor_templates	Displays information about all templates in the database.

2.1.3 Alerts

<u>View Name</u>	<u>Beschreibung</u>
dba_alert_arguments	Lists the messages ID and arguments of outstanding alerts.
dbms_alert_info	Describes registered alerts.
dba_outstanding_alert	Describes all outstanding alerts.
dba_thresholds	Describes all threshold of the database.
dba_warning_settings	Shows the warning settings for all projects.

2.1.4 Audit

<u>View Name</u>	<u>Beschreibung</u>
dba_audit_exists	List audit trail entries produced by audit not exists and audit exists.
dba_audit_object	Shows audit trail records for statements concerning objects- specifically tables, clusters, views, indexes, sequences, (public) database links, (public) synonyms, procedures, triggers, rollback segments, tablespaces, roles and users.
dba_audit_policies	Lists fine-grained auditing policies in the database.
dba_audit_policy_columns	List fine-grained auditing policy columns in the database.
dba_audit_session	Shows all audit trail records concerning connect and disconnect.
dba_audit_statements	Displays audit trail records concerning grant, revoke, audit, noaudit and alter system.
dba_audit_trail	Displays all audit trail entries.
dba_common_audit_trail	Shows combined standard and file-grained audit trail entries.
dba_fga_audit_trail	Lists all fine-grained audit event logs.
dba_obj_audit_opts	Lists auditing options for all tables and views.
dba_priv_audit_opts	Describes the current system privileges being audited, across the system and by user.
dba_stmt_audit_opts	Describes the current system auditing options, across the system and by user.

2.1.5 Cluster

<u>View Name</u>	<u>Beschreibung</u>
dba_clusters	Describes all clusters in the database.
dba_cluster_hash_expressions	Lists hash functions for all clusters.
dba_clu_columns	Shows mapping of table columns to cluster columns.

2.1.6 Context and Policy

<u>View Name</u>	<u>Beschreibung</u>
dba_context	Describe all context namespace information.
dba_global_context	Describe all context information accessible globally.
dba_policies	Lists all row-level security policies in the database.
dba_policy_contexts	Returns all policies driving context defined for any synonym, table or view in the database.
dba_policy_groups	Shows all policies groups defined for any synonym, table or view in the database.

2.1.7 Columns

<u>View Name</u>	<u>Beschreibung</u>
dba_partial_drop_tabs	Displays all tables with partially dropped columns in the database.
dba_unused_col_tabs	Lists all tables with unused columns in the database.

2.1.8 Constrains

<u>View Name</u>	<u>Beschreibung</u>
dba_cons_columns	Returns information about accessible columns in constraint definitions.
dba_constraints	Lists constraint definitions on all tables.

2.1.9 Data Pump

<u>View Name</u>	<u>Beschreibung</u>
dba_datapump_jobs	Displays data pump jobs.
dba_datapump_sessions	Displays data pump sessions attached to a job.
dba_export_objects	Lists export include and exclude object type names.

2.1.10 Dictionary Information

<u>View Name</u>	<u>Beschreibung</u>
dba_catalog	Shows all database tables, views, synonyms and sequences.
dba_views	Describes all views in the database.

2.1.11 Dimension

<u>View Name</u>	<u>Beschreibung</u>
dba_dim_attributes	Represents the relationship between a dimension level and a functionally dependent column.
dba_dim_child_of	Represents a 1:n hierarchical relationship between a pair of levels in a dimension.
dba_dim_hierarchies	Represents a dimension hierarchy.
dba_dim_join_key	Represents a join between two dimension tables.
dba_dim_levels	Describes dimension levels visible to the dba.
dba_dim_level_key	Represents columns of a dimension level.
dba_dimensions	Describes dimension objects accessible to the dba.

2.1.12 Directories and Libraries

<u>View Name</u>	<u>Beschreibung</u>
dba_directories	Describes all directories.
dba_external_locations	Describes the external table locations accessible to the dba.
dba_external_tables	Describes the external tables accessible to the dba.
dba_libraries	Describes libraries in the database.

2.1.13 Distributed

<u>View Name</u>	<u>Beschreibung</u>
dba_2pc_neighbors	Displays information about incoming and outgoing connections for pending transactions.
dba_2pc_pending	Displays information about distributed transactions awaiting recovery.
dba_db_links	Shows all database links in the database.
dba_pending_transactions	Displays information about unresolved global transactions.
dba_proxies	Displays information about all proxy connections.

2.1.14 Export and Import

<u>View Name</u>	<u>Beschreibung</u>
dba_exp_files	Describes export files.
dba_exp_objects	Lists objects that have been incrementally exported.
dba_exp_version	Shows the Version number of the last export session.

2.1.15 Histograms

<u>View Name</u>	<u>Beschreibung</u>
dba_part_col_statistics	Provides column statistics and histogram information for partitions of all tables in the database.
dba_part_histograms	Provides histogram data (endpoints per histogram) for histograms on all table partitions in the database.
dba_subpart_col_statistics	Provides column statistics and histogram information for all subpartitions in the database.
dba_subpart_histograms	Lists actual histogram data (endpoints per histogram) for histograms on all table subpartitions in the database.
dba_tab_histograms	Shows histograms on columns on all tables.
index_histogram	Provides statistics on keys with repeat count.

2.1.16 Historical Statistics

<u>View Name</u>	<u>Beschreibung</u>
dba_alert_history	Describes the alert history.
dba_cl_dir_instance_actions	Displays the recent history of instance operations submitted by the local directory.
dba_dba_dir_escalate_actions	Displays the recent history of escalations from local directory to cluster directory.
dba_db_dir_quiesce_actions	Displays the recent history of quiesce operations submitted by the local directory.
dba_db_dir_service_actions	Displays the recent history of service operations submitted by the local directory.
dba_db_dir_session_actions	Displays the recent history of session migration jobs submitted by the local directory.
dba_feature_usage_statistics	Returns database feature usage statistics.
dba_high_water_mark_statistics	Returns database high-water-mark statistics.
dba_hist_active_sess_history	Displays active session historical statistics information.
dba_hist_bg_event_summary	Summarizes background event historical statistics information.
dba_hist_buffer_pool_stat	Provides buffer pool historical statistics information.
dba_hist_cr_block_server	Displays consistent read block server historical statistics.
dba_hist_current_block_server	Returns current block server historical statistics.
dba_hist_database_instance	Displays database instance information.
dba_hist_datafile	Returns historical statistics on the name of datafile.

dba_hist_db_cache_advice	Displays db cache advice history information.
dba_hist_dlm_misc	Provides information on distributed lock manager miscellaneous historical statistics.
dba_hist_enqueue_stat	Provides historical statistics information on enqueue.
dba_hist_event_name	Provides event name historical statistics information.
dba_hist_filestatxs	Displays datafile historical statistics information.
dba_hist_instance_recovery	Provides instance recovery historical statistics information.
dba_hist_java_pool_advice	Returns Java pool advice history.
dba_hist_latch	Provides latch historical statistics information.
dba_hist_latch_children	Provides latch children historical statistics information.
dba_hist_latch_misses_summary	Displays latch misses summary historical statistics information.
dba_hist_latch_name	Displays latch name historical statistics information.
dba_hist_latch_parent	Provides latch parent historical statistics information.
dba_hist_librarycache	Returns library cache historical statistics information.
dba_hist_log	Displays log historical statistics information.
dba_hist_metric_name	Provides metric name historical statistics information.
dba_hist_mtrr_target_advice	Shows mean time to recover target advice history.
dba_hist_optimizer_env	Provides optimizer environment information.
dba_hist_osstat	Provides operating system historical statistics information.
dba_hist_osstat_name	List operating system statistics names.
dba_hist_pgastat	Provides PGA historical statistics information.
dba_hist_pga_target_advice	Shows PGA target advice history.
dba_hist_parameter	Displays parameter historical statistics information.
dba_hist_parameter_name	Provides parameter name historical statistics information.
dba_hist_resource_limit	Provides resource limit historical statistics information.
dba_hist_rowcache_summary	Presents row cache historical statistics information summary.
dba_hist_seg_stat	Provides historical statistics information.
dba_hist_seg_stat_obj	Provides segment name historical statistics information.
dba_hist_service_name	Displays service name historical statistics information.
dba_hist_service_stat	Shows historical service statistics.
dba_hist_service_wait_class	Present historical service wait class statistics.

dba_hist_sga	Present SGA historical statistics information.
dba_hist_sgastat	Present SGA pool historical statistics information.
dba_hist_shared_pool_advice	Displays shared pool sdvice history.
dba_hist_sqlbind	Provides SQL bind historical statistics information.
dba_hist_sql_plan	Returns SQL plan historical statistics information.
dba_hist_sqlstat	Provides SQL statements historical statistics information.
dba_hist_sqltext	Provides SQL text historical statistics information.
dba_hist_sql_summary	Summarized SQL statistics.
dba_hist_sql_workarea_hstgrm	Shows SQL work area histogram history.
dba_hist_stat_name	Displays statistics name historical statistic information.
dba_hist_sysstat	Displays system statistic historical statistics information.
dba_hist_sys_time_model	Provides system time model historical statistics information.
dba_hist_system_event	Presents system event historical statistics information.
ablespace_stat	Displays tablespace statistics historical statistics information.
dba_hist_tbspce_space_usage	Displays tablespace usage historical statistics information.
dba_hist_tempfile	Provides names of temporary datafiles historical statistics.
dba_hist_tempstatx	Presents temporary datafile statistics historical statistics information.
dba_hist_thread	Provides thread historical statistics information.
dba_hist_undostat	Displays undo historical statistics information.
dba_hist_waitstat	Displays wait historical statistics information.
dba_tsm_history	Present transparent session migration statistics.

2.1.17 Index

<u>View Name</u>	<u>Beschreibung</u>
dba_indexes	Describe all indexes in the database.
dba_ind_columns	Displays columns constituting indexes on all tables and clusters.
dba_ind_expressions	Displays functional index expressions on all tables and clusters.
dba_ind_subpartitions	Describes, for each index subpartition in the database, the partition-level partitioning information, the storage parameters for the subpartition and various partition statistics collected by analyze statements.
dba_join_ind_columns	Shows join index columns comprising the join conditions.
dba_part_indexes	Displays the object-level partitioning information for all portioned indexes in the database.

2.1.18 Java and XML

<u>View Name</u>	<u>Beschreibung</u>
dba_java_arguments	Presents arguments information on all stored Java classes.
dba_java_classes	Presents class-level information on all stored Java classes.
dba_java_derivations	Maps Java source objects and their derived Java class objects and Java resource objects for all Java classes.
dba_java_fields	Provides field information on all stored Java classes.
dba_java_implements	Lists interfaces implemented by stored Java classes.
dba_java_inners	Lists inner classes referred to by the stored Java class.
dba_java_layouts	Provides layout information about stored Java classes.
dba_java_methods	Displays method information on all stored Java classes.
dba_java_policy	Lists Java security permissions for all users.
dba_xml_schemas	Describes all the registered XML schemas.
dba_java_throws	Lists exceptions thrown from a method of a class owned by the user.
dba_xml_tab_cols	Describes all XML table columns in the database.
dba_xml_tables	Describes all XML tables in the database.
dba_xml_views	Describes all XML views in the database.
dba_xml_view_cols	Describes the columns of all XML views in the database.

2.1.19 Jobs (Different from Scheduler Jobs)

<u>View Name</u>	<u>Beschreibung</u>
dba_jobs	Shows all jobs in the database.
dba_jobs_running	Lists all jobs in the database that are currently running, by joining v\$lock and jobs\$.

2.1.20 Lobs

<u>View Name</u>	<u>Beschreibung</u>
dba_lob_partitions	Displays all LOB partitions in the database.
dba_lob_templates	Describes all LOB subpartition templates in the database.
dba_lobs	Describes LOBs contained in all tables.
dba_part_lobs	Provides table-level information for all partitioned LOBs in the database, including default attributes for LOB data partitions.

2.1.21 Locks

<u>View Name</u>	<u>Beschreibung</u>
dba_blockers	Displays a session if it is not waiting for a locked object but is holding a lock on an object for which another session is waiting.
dba_ddl_locks	Lists all ddl locks held in the database and all outstanding requests for a ddl lock.
dba_dml_locks	Lists all dml locks held in the database and all outstanding requests for a dml lock.
dba_kgllock	Lists all the locks and pins held on KGL objects (objects in the kernel generic library cache).
dba_lock	List all locks or latches held in the database and all outstanding requests for a lock or latch.
dba_lock_internal	Displays a row for each lock or latch that is being held and one row for each outstanding request for a lock or a latch.
dba_waiters	Shows all the sessions that are waiting for a lock but do not hold locks for which another session is waiting.

2.1.22 Materialized Views

<u>View Name</u>	<u>Beschreibung</u>
dba_base_table_mviews	Displays all materialized views with a log or logs in the database.
dba_mview_aggregates	Describe the materialized view aggregates accessible to the dba.
dba_mview_analysis	Describes the materialized views accessible to the dba.
dba_mview_comments	Shows comments on all materialized views in the database.
dba_mview_detail_relations	Describes the materialized view detail tables accessible to the dba.
dba_mview_joins	Describe a join between two columns in the where clause of a materialized view accessible to the dba.
dba_mview_keys	Describes the columns that appear in the group by list of a materialized view accessible to the dba.
dba_mview_log_filter_cols	Shows all filter columns (excluding PK cols) being logged in the materialized view logs.
dba_mview_logs	Shows all materialized view logs in the database.
dba_mview_refresh_times	Presents all fast refreshable materialized views and their last refresh times for each master table.
dba_mviews	Shows all materialized views in the database.
dba_rchild	Lists all the children in any refresh group. This View is not a join.
dba_refresh	Returns all the refresh groups.
dba_refresh_children	Lists all the objects in refresh groups.

dba_registry_hierarchy	Displays information about the components loaded into the database, grouped by owner and reorganized in the component hierarchy.
dba_registered_mviews	Shows registered materialized views of local tables.
dba_rewrite_equivalences	Describes rewrite equivalence accessible to the dba.
dba_rgroup	Lists all refresh groups. This view is not a join.
dba_summaries	Describes the summaries accessible to the dba.
dba_tune_mview	Shows the result, in a catalog view, after executing the tune_mview() API.

2.1.23 Metrics

<u>View Name</u>	<u>Beschreibung</u>
dba_hist_filemetric_history	Provides file metrics history.
dba_hist_sessmetric_history	Presents session metric history.
dba_hist_sysmetric_history	Displays system metric history.
dba_hist_sysmetric_summary	Displays system metric history summary.
dba_hist_waitclassmet_history	Provides wait class metric history.
dba_tablespace_usage_metrics	Describes all tablespace space usage metrics.

2.1.24 Object Type

<u>View Name</u>	<u>Beschreibung</u>
dba_coll_types	Describes all named collection types in the database.
dba_cons_obj_columns	Lists types to which an object column or attribute is constrained in all tables in the database.
dba_indextype_arraytypes	Displays all array types specified by the indextype.
dba_indextype_operators	Presents all indextype operators.
dba_indextypes	Shows all indextypes.
dba_method_params	Describes method parameters of all types in the database.
dba_method_result	Describes method results of all types in the database.
dba_nested_table_cols	Displays columns of nested tables.
dba_nested_tables	Describes nested tables contained in the database.
dba_obj_colattrs	Describes object columns and attributes contained in all tables in the database.
dba_object_tables	Describe all object tables in the database.
dba_objects	Shows all objects in the database.

dba_refs	Describe ref columns contained in all tables.
dba_sqlj_type_attrs	Describe attributes of all types in the database.
dba_sqlj_type_methods	Describe methods of all types in the database.
dba_sqlj_types	Describe all types in the database.
dba_type_attrs	Describe attributes of all types in the database.
dba_type_methods	Describe methods of all types in the database.
dba_type_versions	Describes each type version in the database.
dba_types	Describe all types in the database.
dba_varrays	Describes varrays in tables accessible to the user.

2.1.25 Outlines

<u>View Name</u>	<u>Beschreibung</u>
dba_outlines	Shows stored outlines.
dba_outline_hints	Lists hints stored in outlines.

2.1.26 Partitions

<u>View Name</u>	<u>Beschreibung</u>
dba_ind_partitions	Describes, for each index partition in the database, the partition-level partitioning information, the storage parameters for the partition and various partition statistics collected by analyse statements.
dba_lob_subpartitions	Displays partition-level attributes of all LOB data subpartitions in the database.
dba_part_key_columns	Describes the partitioning key columns for all partitioned objects in the database.
dba_part_tables	Displays the object-level partitioning information for all partitioned tables in the database.
dba_subpart_key_columns	Lists subpartitioning key columns for all composite-partitioned tables (and local indexes on composite-partitioned tables) in the database.
dba_subpartition_templates	Describes all subpartition templates in the database.
dba_tab_partitions	Provides the partition-level partitioning information, partition storage parameters and partition statistics determined by analyze statements for all partitions in the database.
dba_tab_subpartitions	Describes, for each table subpartition, the subpartition name, name of the table and partition to which it belongs and its storage attributes.

2.1.27 Program Units

<u>View Name</u>	<u>Beschreibung</u>
dba_errors	Lists current errors on all stored objects in the database.
dba_internal_triggers	Describes the internal triggers on all tables in the database.
dba_object_size	Shows the sizes, in bytes, of various PL/SQL objects.
dba_opbindings	Displays all operator binding functions and methods.
dba_procedure	Describes all procedures.
dba_source	Shows the source off all stored objects in the database.
dba_trigger_cols	Shows column usage in all triggers.
dba_triggers	Displays all triggers in the database.

2.1.28 Relational Objects

<u>View Name</u>	<u>Beschreibung</u>
dba_all_tables	Describes all object and relational tables in the database.
dba_dependencies	List dependencies to and from objects.
dba_sequences	Describes all sequences in the database.
dba_synonyms	List all synonyms in the database.
dba_tab_cols	Displays columns of user's tables, views and clusters.
dba_tab_columns	Displays filtering out hidden columns of user's tables, views and clusters.
dba_tables	Describes all relational tables in the database.

2.1.29 Replication

<u>View Name</u>	<u>Beschreibung</u>
dba_repaudit_attribute	Provides information about attributes automatically maintained for replication.
dba_repaudit_column	Provides information about columns in all shadow tables for all replicated tables in the database.
dba_repconflict	Displays all conflicts for which users have specified resolutions in the database.
dba_repcat_exceptions	Shows the repcat processing exceptions table.
dba_repcatalog	Provides information about asynchronous administration requests.
dba_repcolumns	Shows replicated top-level columns (table) sorted alphabetically in ascending order.

dba_repcolumns_group	Displays all column groups of replicated tables in the database.
dba_repddl	Lists arguments that do not fit in a single repcat log record.
dba_repextensions	Provides information about replication extension request.
dba_repflavor_columns	Displays replicated columns in flavors.
dba_repflavor_objects	Displays replicated objects in flavours.
dba_repflavors	Shows flavours defined for replicated objects groups.
dba_repgenerated	Lists objects generated to support replivation.
dba_repgenobjects	Lists objects generated to support replication.
dba_registered_mview_groups	Provides materialized view repgroup registration information.
dba_repgroup	Provides information about all replicated objects groups.
dba_repgroup_privileges	Provides information about users who are registered for object group privileges.
dba_repgrouped_column	Displays columns in the all column groups of replicated tables in the database.
dba_repkey_columns	Shows primary columns for a table using column-level replication.
dba_repobject	Provides information about replicated objects.
dba_repparameter_column	Displays all columns used for resolving conflicts in the database.
dba_reppriority	Lists values and their corresponding priorities in all priority groups in the database.
dba_reppriority_group	Provides information about all priority groups in the database.
dba_repprop	Provides propagation information about replicated objects.
dba_repschema	Provides schemas in n-way replication.
dba_repsites	Provides n-way replication information.
dba_represol_stats_control	Presents information about statistics collection for conflict resolution for all replicated tables in the database.
dba_represolution	Describes all conflict resolutions in the database.
dba_represolution_method	Lists all conflict resolution methods in the database.
dba_represolution_statistics	Presents statistics for conflict resolutions for all replicated tables in the database.
dba_repsites_new	Provides information about new masters for replication extension.

2.1.30 Resource Manager

<u>View Name</u>	<u>Beschreibung</u>
dba_rsrc_consumer_group_privs	Switches privileges for consumer groups.
dba_rsrc_consumer_groups	Lists all the resource consumer groups.
dba_rsrc_group_mappings	Lists all the consumer groups mappings.
dba_rsrc_manager_system_privs	Displays system privileges for the resource manager.
dba_rsrc_mapping_priority	Shows the consumer group mapping attribute priorities.
dba_rsrc_plans	Displays all the resource plans.
dba_rsrc_plan_directives	Displays all the resource plan directives.

2.1.31 Scheduler

<u>View Name</u>	<u>Beschreibung</u>
dba_scheduler_global_attribute	Shows all scheduler global attributes.
dba_scheduler_job_args	Lists all arguments with set values of all scheduler jobs in the database.
dba_scheduler_job_class	Displays all scheduler classes in the database.
dba_scheduler_job_log	Provides logged information for all scheduler jobs.
dba_scheduler_job_run_details	Presents the details of a job run.
dba_scheduler_jobs	Shows all scheduler jobs in the database.
dba_scheduler_program_args	Displays all arguments of all scheduler programs in the database.
dba_scheduler_programs	Lists all scheduler programs in the database.
dba_scheduler_schedules	Shows all schedules in the database.
dba_scheduler_window_details	Presents the details of a window,
dba_scheduler_window_groups	Displays all scheduler window groups in the database.
dba_scheduler_window_log	Provides logged information for all scheduler windows.
dba_scheduler_windows	Shows all scheduler windows in the database.
dba_scheduler_wingroup_members	Displays members of all scheduler window groups in the db.

2.1.32 Security

<u>View Name</u>	<u>Beschreibung</u>
dba_col_privs	Lists all grants on columns in the database.
dba_profiles	Displays all profiles and their limits.
dba_role_privs	Shows roles granted to users and roles.
dba_roles	Lists all roles in the database.
dba_sys_privs	Shows system privileges granted to users and roles.
dba_tab_privs	Displays all grants on objects in the database.
dba_ts_quotas	Lists tablespace quotas for all users.
dba_updatable_columns	Describes DBA-updatable columns.
dba_users	Provides information about all users of the database.
role_role_privs	Displays roles granted to roles.
role_sys_privs	Lists system privileges granted to roles.
role_tab_privs	Presents table privileges granted to roles.
session_privs	Displays privileges the user currently has set.
session_roles	Shows roles the user currently has enabled.
table_privileges	Displays grants on objects for which the user is the grantor, grantee, owner, or an enabled role or public is the grantee.

2.1.33 SQL Tuning Set

<u>View Name</u>	<u>Beschreibung</u>
dba_sqlset	Displays information about all SQL tuning sets in the database.
dba_sqlset_binds	Displays the bind values associated with all SQL tuning sets in the database.
dba_sqlset_references	Describes whether or not all SQL tuning sets in the database are active. A SQL tuning set cannot be dropped if it is referenced.
dba_sqlset_statements	Displays information about the SQL statements, along with their statistics, that form all SQL tuning sets in the database.
dba_sqltune_binds	Displays the bind values associated with all tuned SQL statements in the database.
dba_sqltune_plans	Displays information about the execution plans generated for all SQL statements in the database during a SQL tuning session.
dba_sqltune_statistics	Displays statistics associated with all SQL statements in the database.

2.1.34 Standby Database

<u>View Name</u>	<u>Beschreibung</u>
dba_logstdby_events	Displays information about logical standby events.
dba_logstdby_history	Provides information on processed, active and pending log streams.
dba_logstdby_log	Provides information about received logs from the primary site.
dba_logstdby_not_unique	Displays all tables without primary or unique key not-null constraints.
dba_logstdby_parameters	Lists miscellaneous options and settings for logical standby.
dba_logstdby_progress	Lists the SCN values describing read and apply progress.
dba_logstdby_skip	Lists the skip settings chosen.
dba_logstdby_skip_transaction	Lists the transactions to be skipped.
dba_logstdby_unsupported	Lists all the columns that are not supported by logical standby.
dba_registered_archived_log	Presents details about the registered log files.

2.1.35 Statistics

<u>View Name</u>	<u>Beschreibung</u>
dba_ind_statistics	Provides optimizer statistics for all indexes in the database.
dba_optstat_operations	Presents the history of statistics operation performed.
dba_tab_col_statistics	Displays columns statistics of the user's tables, views and clusters.
dba_tab_statistics	Provides optimized statistics for all tables in the database.
dba_tab_stats_history	Presents the history of table statistics modifications.
dba_ustats	Presents all statistics collected on either tables or indexes.
index_stats	Presents statistics on the B-tree.

2.1.36 Storage

<u>View Name</u>	<u>Beschreibung</u>
dba_data_files	Provides information about database data files.
dba_dmt_free_space	Lists free extents in all dictionary-managed tablespaces.
dba_dmt_used_extents	List all extents in the dictionary-managed tablespaces.
dba_extents	List extents constituting all segments in the database.
dba_free_space	List free extents in all tablespaces.
dba_free_space_coalesced	Presents statistics on coalesced space in the tablespace.
dba_lmt_free_space	Lists free extents in all locally managed tablespaces.
dba_lmt_used_extents	List all extents in the locally managed tablespaces.

dba_recyclebin	Describes the recycle bin view owned by the current user.
dba_resumable	Provides resumable session information in the system.
dba_rollback_segs	Describe rollback segments.
dba_segments	Shows storage allocated for all database segments.
dba_tablespaces	Describes all tablespaces.
dba_tablespace_groups	Describes all tablespace groups.
dba_temp_files	Provides information about database temp files.
dba_undo_extents	Describes the extents comprising all segments in all undo tablespaces in the database.

2.1.37 Streams

<u>View Name</u>	<u>Beschreibung</u>
dba_apply	Presents details about the apply process.
dba_apply_conflict_columns	Presents details about conflict resolution.
dba_apply_dml_handlers	Presents details about the dml handlers.
dba_apply_enqueue	Presents details about the apply enqueue actions.
dba_apply_error	Shows error transactions.
dba_apply_execute	Presents details about the apply execute action.
dba_apply_instantiated_global	Displays details about database instantiated.
dba_apply_instantiated_objects	Presents details about instantiated objects.
dba_apply_instantiated_schemas	Presents details about instantiated schemas.
dba_apply_key_columns	Displays alternative key columns for a table for streams.
dba_apply_parameters	Shows all parameters for apply process.
dba_apply_progress	Provides information about the progress made by apply process.
dba_apply_table_columns	Presents details about the destination table columns.
dba_capture	Presents details about the capture process.
dba_capture_extra_attributes	Shows extra attributes for a capture process.
dba_capture_parameter	Displays all parameters for a capture process.
dba_capture_prepared_database	Displays information about whether the local database was prepared for instantiation.
dba_capture_prepared_schemas	Lists all schemas at the local database that are prepared for instantiation.
dba_capture_prepared_tables	Shows all tables prepared for instantiation.

dba_evaluation_context	Describe all rule evaluation contexts in the database.
dba_evaluation_context_tables	Shows tables in all rule evaluation contexts in the database.
dba_evaluation_context_vars	Shows variables in all rule evaluation context in the database.
dba_propagation	Displays information about all streams propagations in the database.
dba_published_columns	Shows source columns available for change data capture.
dba_rule_sets	Lists rule sets in the database.
dba_rule_set_rules	Displays rules in all rule sets in the database.
dba_rules	Lists rules in the database.
dba_ruleset	List rule sets in the database, maintained for backward compatibility.
dba_source_tables	Shows aource tables available for change data capture.
dba_streams_administrator	Lists users granted the privileges to be a streams administrator.
dba_streams_global_rules	Lists global rules created by streams administrative APIs.
dba_streams_message_consumers	Provides information about all streams messaging consumers in the database.
dba_streams_message_rules	Displays rules for stream messaging.
dba_streams_newly_supported	Lists tables that are newly supported by streams.
dba_streams_rules	Lists rules used by streams processes.
dba_streams_schema_rules	Lists schema rules created by streams administrative APIs.
dba_streams_table_rules	Lists table rules created by streams administrative APIs.
dba_streams_transform_function	Shows rules-based transform functions used by streams.
dba_streams_unsupported	Lists all the tables that are not supported by streams in this release.
dba_subscribed_tables	Shows change data capture subscribed tables.
dba_subscribed_columns	Shows change data capture subscribed columns.
dba_subscriptions	Shows change data capture subscriptions.

2.1.38 Supplemental Log Groups and Logminer

<u>View Name</u>	<u>Beschreibung</u>
dba_log_groups	Lists log group definitions on all tables.
dba_log_group_columns	Provides information about columns in log group definitions.
dba_logmnr_log	Displays all archived logs registered with active LogMiner persistent sessions in the database.
dba_logmnr_purged_log	Displays archived logs that are no longer needed by LogMiner persistent sessions active at the database.
dba_logmnr_session	Displays all active LogMiner persistent sessions in the database.

2.1.39 Workload Repository

<u>View Name</u>	<u>Beschreibung</u>
dba_aw_prop	Lists object properties in analytic workspace in the database.
dba_aw_obj	Shows objects in analytic workspace in the database.
dba_hist_baseline	Provides baseline metadata information.
dba_hist_wr_control	Provides workload repository control information.

2.2 Views für Problembehandlung und Tuning

2.2.1 Archivierung

<u>View Name</u>	<u>Beschreibung</u>
v\$archive_dest	Beschreibt alle Archive Destinationen mit allen Optionen.
v\$recovery_file_dest	Belegter Platz in der Recovery Area Destination.
v\$archive_dest_status	Aktueller Status der Archive Destination.

2.2.2 Instance / Database

<u>View Name</u>	<u>Beschreibung</u>
v\$database	
v\$instance	
v\$parameter	
v\$spparameter	
v\$system_parameter	
v\$process	
v\$bgprocess	
v\$px_process_sysstat	
v\$system_event	

2.2.3 Datenbankfiles

<u>View Name</u>	<u>Beschreibung</u>
v\$datafile	
v\$filestat	
v\$log	
v\$log_history	
v\$dbfile	
v\$tempfile	
v\$tempseg_usage	
v\$segment_statistics	

2.2.4 Speicher

<u>View Name</u>	<u>Beschreibung</u>
v\$buffer_pool_statistics	
v\$librarycache	
v\$sgainfo	
v\$pgastat	

2.2.5 Zugriffskontrolle

<u>View Name</u>	<u>Beschreibung</u>
v\$lock	
v\$undostat	
v\$waitstat	
v\$latch	

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