In this Document

APPLIES TO:

Oracle Database - Enterprise Edition - Version 10.2.0.1 and later
Information in this document applies to any platform.

PURPOSE

This article serves to clarify the licenses required to use Automatic Workload Repository (AWR) related features

SCOPE

Any user wanting to use AWR features and wanting to know the licensing requirements

DETAILS

Licensing Requirements

The Automatic Workload Repository (AWR) is a feature that allows database information to be recorded for multiple purposes including detection and elimination of performance issues. By default AWR data collection is enabled collecting various information on database activity. Many database features such as Automatic Segment Advisor and Undo Advisor need information captured by the AWR. Use of these features, which implicitly access some AWR views, does NOT require any Pack licenses. HOWEVER, direct access to AWR views and reports is NOT permitted without the Diagnostic Pack license.

In order to produce reports, access AWR views or use the diagnostic information from any part of the Automatic Workload Repository the Diagnostic Pack License is required. This includes the production of AWR reports, ADDM reports and ASH reports even if these are requested by product support or other agencies. It is the user responsibility to comply with license requirements and not violate license agreements. For details of what is included in the Diagnostic Pack, see:

Oracle Database Online Documentation 12c Release 1 (12.1) / Database Licensing Information
Chapter 2 Options and Packs
Oracle Diagnostics Pack
https://docs.oracle.com/database/121/DBLIC/options.htm#DBLIC165

NOTE: Oracle Diagnostics Pack (and Oracle Tuning Pack) is available with Enterprise Edition ONLY.

For further details of pack licensing see:

Oracle Database Online Documentation 12c Release 1 (12.1) / Database Licensing Information
Chapter 1 Oracle Database Editions
Feature Availability by Edition
https://docs.oracle.com/database/121/DBLIC/editions.htm#DBLIC116

Further details of Diagnostic Pack functionality can be found here.

Alternatives to AWR Reporting

Without the appropriate licenses, Statspack provides a legacy solution with much reduced functionality:

Document 94224.1 FAQ- Statspack Complete Reference

Checking for AWR Usage

You can check for usage of various AWR related features in the dba_feature_usage_statistics view, for example to check for creation of Workload Repository Reports you could use the following select :

```
column name format a30
SQL> SELECT name,
  detected_usages,
  currently_used,
  TO_CHAR(last_sample_date,'DD-MON-YYYY:HH24:MI') last_sample
FROM dba_feature_usage_statistics
WHERE name = 'AWR Report' ;

NAME                          DETECTED_USAGES CURRE LAST_SAMPLE
----------------------------- --------------- ----- ----------------
AWR Report                                 13 TRUE  11-SEP-2012:02:22
```

See:

Oracle Database Online Documentation 12c Release 1 (12.1) / Database Administration
DBA_FEATURE_USAGE_STATISTICS
https://docs.oracle.com/database/121/REFRN/refrn23396.htm#REFRN23396

Controlling Diagnostic Pack Availability

You can control the availability of packs to users by configuring the CONTROL_MANAGEMENT_PACK_ACCESS parameter appropriately. By Default on Enterprise Edition this is set to : "DIAGNOSTIC+TUNING" while on all other editions it is set to: "NONE". See:

Oracle Database Online Documentation 12c Release 1 (12.1) / Database Reference
CONTROL_MANAGEMENT_PACK_ACCESS
https://docs.oracle.com/database/121/REFRN/refrn10296.htm#REFRN10296

It is possible to disable the Automatic Workload Repository as described in the following article:

Document 436386.1 Package for disabling AWR without a Diagnostic Pack license in Oracle

But Oracle recommends that all customers, with or without Diagnostic Pack license, leave AWR enabled so

that they can benefit from features that implicitly use AWR but do not require any pack license.

REFERENCES

NOTE:1363422.1 - Automatic Workload Repository (AWR) Reports - Main Information Sources
NOTE:436386.1 - Controlling Diagnostic and Tuning Pack Usage
NOTE:1361401.1 - Where to Find Information About Performance Related Features

NOTE:94224.1 - FAQ- Statspack Complete Reference
원하는 항목을 찾을 수 없습니까?