

## Oracle Resource Manager

`RESOURCE_MANAGER_PLAN` specifies the top-level resource plan to use for an instance. The resource manager will load this top-level plan along with all its descendants (subplans, directives, and consumer groups). **If you do not specify this parameter, the resource manager is off by default.**

[Resource Manager Data Dictionary Views](#)

(Source: [Oracle Documentation](#))

**By default the Resource Manager is not enabled, except during preconfigured maintenance windows, described later in this section.**

(Source: [Oracle Documentation](#))

## Automated Database Maintenance Tasks

### (`DEFAULT_MAINTENANCE_PLAN`)

Oracle Database has automated several common maintenance tasks typically performed by database administrators. These automated maintenance tasks are performed when the system load is expected to be light. You can enable and disable individual maintenance tasks, and can configure when these tasks run and what resource allocations they are allotted.

Automated maintenance tasks are tasks that are started automatically at regular intervals to perform maintenance operations on the database. An example is a task that gathers statistics on schema objects for the query optimizer. Automated maintenance tasks run in maintenance windows, which are predefined time intervals that are intended to occur during a period of low system load. You can customize maintenance windows based on the resource usage patterns of your database, or disable certain default windows from running. You can also create your own maintenance windows.

Oracle Database has three predefined automated maintenance tasks:

- Automatic Optimizer Statistics Collection
- Automatic Segment Advisor
- Automatic SQL Tuning Advisor

[Automated Maintenance Tasks Database Dictionary Views](#)

(Source: [Oracle Documentation](#))

## Oracle Profiles

Oracle recommends that you use the Database Resource Manager rather than this SQL statement to establish resource limits. The Database Resource Manager offers a more flexible means of managing and tracking resource use. For more information on the Database Resource Manager, refer to [Oracle Database Administrator's Guide](#).

(Source: [Oracle Documentation](#))