第4章:管理 Oracle 例程

目的

本章重点讲述了管理例程所涉及到的任务。在本章中,您将了解到如何使用 Enterprise Manager 的 Administration 页面的 Instance 区域中的属性页面。

主题

- 本章讨论了以下内容:
- 使用 Enterprise Manager 来启动和关闭 Oracle 例程
- 查看初始化参数
- Managing Memory Parameters

使用 Enterprise Manager 来启动和关闭例程

在启动之前,例程处于空闲状态。当例程启动时,将读取一个初始化参数文件,并相应地配置例程。在启动 例程和打开数据库之后,用户可以访问数据库。在这一部分中,您将看到以下任务:

- 启动例程
- 关闭例程

启动例程

您可以执行以下步骤,使用 Enterprise Manager 来启动例程和打开数据库:

1. 从浏览器调用 Enterprise Manager。显示 Database 页面,指示例程关闭。单击 Startup,启动例程。

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2. 显示 Startup/Shutdown:Specify Host and Target Database Credentials 页面。输入主机证书和数据库证书。单击 OK 。

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3. 显示 Startup/Shutdown:Confirmation 页面。单击 Yes , 启动例程并打开数据库。

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4. 显示 Startup/Shutdown:Activity 页面。



5. 在例程启动和数据库打开之后,显示 Login 页面。输入用户名和口令,登录到 Enterprise Manager Database Control。单击 Login 。

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6. 显示 Database 主页。



关闭例程

您可以执行以下步骤,使用 Enterprise Manager 来关闭例程和关闭数据库:

1. 打开浏览器,指定 SYS 用户名和口令,登录 Enterprise Manager Database Console。

单击 Login 。

2. 单击 Database Home 页面的 Shutdown 。

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3. 出现 Startup/Shutdown:Specify Host and Target Database Credentials 页面。输入主机证书和数据库证书。单击 OK 。

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4. 出现 Startup/Shutdown:Confirmation 页面。单击 Yes ,执行关闭操作。

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5. 出现 Startup/Shutdown:Activity Information 页面。单击 Refresh 。



6. 您现在可以重新启动例程或执行恢复。

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查看初始化参数

初始化参数文件包含了为例程和数据库提供的配置参数的一个列表。Oracle 数据库服务器在数据库启动时

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读取这些参数,并在数据库运行时监控它们。参数的值存储在内存中,其中许多参数的值可以动态地改变。 按照以下步骤查看数据库的初始化参数的值:

1. 单击 Database Home 页面上的 Administration ,访问 Administration 属性页面。



2. 单击 Instance 部分中的 All Initialization Parameters 。

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3. 出现 Initialization Parameters 页面。

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管理内存参数

在这一部分中,您将了解如何查看数据库中的内存参数的值。内存参数是确定系统全局区 (SGA) 和其子部 分,以及程序全局区 (PGA) 的总体大小的初始化参数。内存参数的值可能影响数据库的性能。

如果 Oracle 服务器通知您有一个与 SGA 或 PGA 大小相关的性能问题,那么您可以利用内存顾问程序帮 助您确定合适的新设置。内存顾问程序可以对参数变化的效果建模。关于使用内存顾问程序的信息,请参考第 10 章。

执行下列步骤,查看内存参数的值:

- 1. 单击 Database Home 页面上的 Administration ,访问 Administration 属性页面。
- 2. 单击 Instance 部分中的 Memory Parameters 。

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