|  |  |  |
| --- | --- | --- |
| **OSWatcher（包括：[视频]）** **(Doc ID 1526578.1)** | [To Bottom](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\o%20To%20Bottom) |  |



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **文档内容**   |  |  | | --- | --- | |  | [用途](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20REF_PURPOSE) | |  | [适用范围](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20REF_SCOPE) |  |  |  | | --- | --- | |  | [详细信息](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20REF_TEXT) | |  | [OSWatcher 简介](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20aref_section31) |  |  |  | | --- | --- | |  | [OSWatcher 下载](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20aref_section32) | |  | [OSWatcher 用户手册](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20aref_section33) |  |  |  | | --- | --- | |  | [版本：最新版本](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20aref_section34) [7.3.2](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20aref_section34) [**2014年9月17日**](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20aref_section34) | |  | [Version 7.0 新特性教学视频：:](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20aref_section35) |  |  |  | | --- | --- | |  | [新增：OSWatcher  教学视频系列](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20aref_section36) | |  | [新增：OSWatcher Analyzer 教学视频系列](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20aref_section37) |  |  |  | | --- | --- | |  | [相关链接](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20aref_section38) | |  | [**反馈/支持**](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20aref_section39) |  |  |  | | --- | --- | |  | [最佳实践](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20aref_section310) | |  | [如何主动避免问题发生及做好诊断信息的收集](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20aref_section311) |  |  |  | | --- | --- | |  | [提出问题、获取帮助并分享您对本文章的感受](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20aref_section312) | |  | [参考](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=443273011601845&id=1526578.1&_adf.ctrl-state=fk1s7g0s2_167%20\l%20REF) |     **适用于:**  Oracle Database - Enterprise Edition - 版本 6.0.0.0 和更高版本  Oracle Database - Personal Edition - 版本 7.1.4.0 和更高版本  Oracle Database - Standard Edition - 版本 7.0.16.0 和更高版本  本文档所含信息适用于所有平台  经证明，OSWatcher Black Box 可在 AIX、Solaris、HP-UX 和 Linux 上运行。  对于 Windows，推荐使用 Cluster Health Monitor。请参阅 [Document 736752.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1526578.1&id=736752.1) 了解更多信息。  **用途**    本文档旨在为 OSWatcher 收集的数据提供一个参考，同时介绍如何安装、运行和使用 OSWatcher 。  **适用范围**  目标受众：所有数据库管理员。  **详细信息**  **OSWatcher 简介**  OSWatcher (oswbb) 是一个可供用户下载的工具，可以用来抓取操作系统的性能指标。  作为性能诊断数据搜集最佳实践的一部分，安装和运行 oswbb 可以帮助 Oracle 技术支持和开发更快解决您的SR。  oswbb 由两个部分组成：  1. oswbb: 一个 unix 操作系统的 shell script，来搜集和存储数据。  2. oswbba: 一个 java 工具来自动分析数据，提供建议，并且生成一个包含图形的 html 文档。  这些组件都包含在一个可供下载的 tar 文件中。  **OSWatcher 下载**  点击以下链接来下载 OSWatcher   |  | | --- | | [**点击这里来下载 OSWatcher**](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSW_FILE&clickstream=yes%20\t%20_blank) |   **OSWatcher** **用户手册**  以下每个文档都包含一个用户手册，来介绍产品特性及安装使用说明。可以通过以下链接访问用户手册：  [Document 1531223.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1526578.1&id=1531223.1) OSWatcher User Guide  [Document 461053.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1526578.1&id=461053.1) OSWatcher Analyzer User Guide  这个工具将会和 Exadata 中包含的 OSWatcher 版本区分开来。  **注意：**如果点击下载链接之后没有下载窗口弹出，您可能需要清理您的 web 浏览器的缓存，并且/或者重启您的 web 浏览器。  **版本：最新版本 7.3.2   2014年9月17日**  **我们强烈建议所有的用户都升级到7.1版本，因为之前的版本上有一个** **bug** **会造成收集快照间隔随时间增长。**  Release (7.3.2)解决了一个无害的bug..  ***Version 7.0 新特性教学视频：:***  [What is new in Release 7.0 (1:27)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:NF7&clickstream=yes%20\o%20Analyzer%20Overview)    Trouble Seeing this video? Click here to download  [How to run oswbba analysis on very specific time window (4:05)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBB7NF&clickstream=yes%20\o%20Analyzer%20Overview)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBB7NF_ZIP&clickstream=yes%20\t%20_blank)  [Walkthrough of Release 7.0 Analysis Report (8:29)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:NEWANAREP7&clickstream=yes%20\o%20Analyzer%20Overview)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:NEWANAREP7_ZIP&clickstream=yes\t_blank)  Release (7.3.1) 解决了oswifconfig目录内的文件不能自动删除的问题. Analyzer解决了一个只有3个设备被列出在iostat的结果里的问题..  Release (7.3)包含了一个解决HP-UX上运行ifconfig相关的bug fix. Analyzer被进一步优化了,减少了分析使用的时间.  Release (7.2)包含了一些bug的fix以及功能增强.新增加了一个oswifconfig的子目录,这个目录包含了使用ifconfig检查网络接口的状态的结果.这在分析RAC相关的问题时尤其有用. 对Analyzer分析IO子系统做了一些增强,尤其是吞吐量. 在分析IO问题或者存储问题时,吞吐量是很有用的. 新版本加入了一些分析IO吞吐量及IO wait的CPU的图.  Release (7.1.3) 修复了一个分析iostat时出现的bug (只影响AIX).  Release (7.1.2) 包含了一个只影响 Solaris 用户的修复，用 prstat 替换 top 命令。  Release (7.1) 包含了一系列的补丁修复及功能增强。它修复了一个会造成收集快照间隔随时间增长的 bug。**我们强烈建议所有的用户都升级到这个版本。**它还包括一些功能增强，比如在分析时可以选择将 archive 中某些特定文件夹排除掉。  Release (7.0.3) 修复了一个 bug，当分析归档数据的子集而使用 -START / -STOP 参数时，需要追加一个-s 参数。/docs/The\_Analyzer/oswbba\_README.txt 包含了一个使用此语法的例子  Release (7.0.2) 修复了一个用 oswbba 分析早期版本 6 的 ps 输出文件时产生的 bug。  Release (7.0.1) 修复了一个 AIX 分析 top 输出的 bug。  Release (7.0) 可以分析比之前的版本更多的性能指标。可以按照进程分析内存使用，并且增加了按照指定时间窗来分析部分归档数据的功能。  并且，即将在这个版本追加一个功能，使得 Oracle Support 能够自动分析你上传到 SR上 的 oswbb，数据甚至可以在 SR 被分配到一个工程师之前就自动完成分析。  之前的 release (6.0.1) 修复了处理 extras.txt 中空行的问题，和 oswbba的损坏 profile 选项  之前的 release (6.0) 让用户可以自定义需要收集的信息，然后 oswbb 可以定时收集和管理这些信息。这个功能对于收集类似于 PeopleSoft 之类应用程序的信息非常有用。oswbb 提供了 API 扩展接口从而使之可以运行额外的 shell 脚本。同时引入的特性还有在启动时可以指定生成数据（archive）存放的路径，这个路径可以是任何的文件夹或设备。 oswbb analyzer 现在指定可以分析生成数据的某一部分。  版本 (5.2.0.1) 修复了在 AIX 中解释 iostat 输出的一个 bug。  版本 (5.2.0) 修复了一系列 bug，包括 vmstat 的输出间歇性损坏，OSWbba 对内存状态为 unknown 的解释以及其它格式的修复。  版本 (5.1.1) 中的新增功能是允许 Analyzer 拒绝压缩的文件。在以前的版本中，Analyzer 如果在归档中发现压缩的文件就会中止运行。如果需要对归档进行压缩，则应在压缩前对归档运行 Analyzer。  版本 (5.1.0) 中的新增功能是添加了仅适用于 Linux 的附加 nfs 集合，以及适用于 netstat [analyzer.network](http://analyzer.network/) Analyzer 的 bug 修正程序。归档目录现在可以驻留在所有磁盘上。此嵌入式 Analyzer 用于分析 OSWbb 收集的数据，以提供有关系统速度降低、挂起和其他 OS 性能问题的信息。请参阅 Document 461053.1 中包含的“OSWatcher Black Box Analyzer User Guide and Analyzer Overview PDF”部分内容    **新增：OSWatcher  教学视频系列**  **概述：**  [oswbb Directory Tree (03:20)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:DIR&clickstream=yes%20\o%20OSWBB%20Directory%20Tree%20\t%20_blank)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:DIR_ZIP&clickstream=yes%20\t%20_blank)  **安装：**  [How to install oswbb (03:00)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBB_INSTALL_VIDEO&clickstream=yes%20\o%20How%20to%20install%20OSWBB)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBB_INSTALL_ZIP&clickstream=yes\t_blank)  [How to install oswbb on RAC (03:50)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:RAC&clickstream=yes\oHowtoinstallOSWBBonRAC)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:RAC_ZIP&clickstream=yes%20\t%20_blank)  **用法：**  [How to configure oswbb (01:17)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBB_CONFIG_VIDEO&clickstream=yes%20\o%20How%20to%20configure%20OSWBB%20video)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBB_CONFIG_ZIP&clickstream=yes\t_blank)  [How to create plugins to add your own custom data collection to oswbb (08:00)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:EXTEND&clickstream=yes\oHowtostartOSWBB)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:EXTEND_ZIP&clickstream=yes%20\t%20_blank)  [How to configure your archive directory to any location on startup (04:48)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:NEW_START&clickstream=yes%20\o%20How%20to%20start%20OSWBB)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:NEW_START_ZIP&clickstream=yes\t_blank)  [How to start oswbb (06:36)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBB_START_VIDEO&clickstream=yes\oHowtostartOSWBB)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBB_START_ZIP&clickstream=yes%20\t%20_blank)  [How to stop oswbb (02:53)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBB_STOP_VIDEO&clickstream=yes\oHowtostopOSWBB)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBB_STOP_ZIP&clickstream=yes\t_blank)  一个名为: "[Performance Analysis Using OS Watcher](http://education.oracle.com/pls/web_prod-plq-dad/db_pages.getpage?page_id=721&get_params=streamId:21%20\o%20Performance%20Analysis%20Using%20OS%20Watcher%20\t%20_blank)" 的视频 [这里](http://education.oracle.com/pls/web_prod-plq-dad/db_pages.getpage?page_id=721&get_params=streamId:21%20\o%20Performance%20Analysis%20Using%20OS%20Watcher%20\t%20_blank) 介绍了如何使用OSWatcher分析 OS 性能问题    **新增：OSWatcher Analyzer 教学视频系列**  **概述：**  [OSWatcher Black Box Analyzer Overview (23:00)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:ANAVID&clickstream=yes%20\o%20Analyzer%20Overview)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:ANAVID_ZIP&clickstream=yes%20\t%20_blank)  **安装：**  [How to resolve error no java found (03:36)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBBA_JAVA_INSTALL&clickstream=yes%20\o%20Java%20errors%20when%20starting)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBBA_JAVA_IN_ZIP&clickstream=yes\t_blank)  **用法：**  [How to resolve java out of memory error (03:50)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBBA_JAVA_HEAP&clickstream=yes%20\o%20How%20to%20resolve%20java%20heap%20error)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBBA_JAVA_HEAP_ZIP&clickstream=yes%20\t%20_blank)  [How to run oswbba using menu interface (11:20)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBBA_MENU&clickstream=yes%20\o%20How%20to%20run%20OSWBBA%20from%20menu)    Trouble Seeing this video? Click here to download  [How to run oswbba analysis on very specific time window (4:05)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBB7NF&clickstream=yes%20\o%20Analyzer%20Overview)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBB7NF_ZIP&clickstream=yes%20\t%20_blank)  [How to run the analyzer on only some files in the archive (02:41)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:SUBSET&clickstream=yes%20\o%20How%20to%20run%20OSWBBA%20from%20command%20line)    Trouble Seeing this video? Click here to download  [How to run oswbba on windows platform (04:00)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBBA_WINDOWS&clickstream=yes%20\o%20How%20to%20install%20OSWbba%20on%20windows)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBBA_WINDOWS_ZIP&clickstream=yes%20\t%20_blank)  [How to generate graphs using oswbba (06:38)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBBA_GRAPHS&clickstream=yes%20\o%20How%20to%20generate%20graphs)    Trouble Seeing this video? Click here to download  [How to generate system html profile using oswbba (04:10)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBBA_HTML&clickstream=yes%20\o%20How%20to%20generate%20html%20profile)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBBA_HTML_ZIP&clickstream=yes%20\t%20_blank)  [How to generate an analysis report using oswbba (01:37)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:OSWBBA_ANALYSIS&clickstream=yes%20\o%20OSWbba%20analysis%20report)    Trouble Seeing this video? Click here to download  [Walkthrough of Release 7.0 Analysis Report (8:29)](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:NEWANAREP7&clickstream=yes%20\o%20Analyzer%20Overview)    [Trouble Seeing this video? Click here to download](https://support.oracle.com/epmos/main/downloadattachmentprocessor?parent=DOCUMENT&sourceId=1526578.1&attachid=301137.1:NEWANAREP7_ZIP&clickstream=yes%20\t%20_blank)  **相关链接**  OSWatcher 现在是可扩展的。你可以增加客户自定义数据搜集到 oswbb 中。查看如何收集类似于 PeopleSoft 之类应用程序的信息可以使用这个文档：  [Document 1531211.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1526578.1&id=1531211.1) How to extend OSWbb to monitor PeopleSoft domains  **反馈/支持**  如果您当前正在使用 Exadata 提供的 OSW 版本，请让您的支持分析人员向开发团队提交一个 bug。  如果您当前正在使用单机版（可在此处下载），在运行 OSWatcher 时遇到未在“User Guide（用户指南）”的“Known Issue（已知问题）”中列出的问题，或者希望提供与 OSWatcher 有关的评论/反馈（包括增强功能的要求），请在我们的[社区](https://community.oracle.com/message/11804998%20/o%20OSWatcher%20Black%20Box:%20Discussion%20about:%20(Note:301137.1)%20/t%20_blank)发帖。  另外,如果您购买了Oracle Linux的Long Term Support,请您开一个 Service Request.  **最佳实践**  ***如何主动避免问题发生及做好诊断信息的收集***  有些问题是无法预见的，但大部分其它的问题如果及早发现一些征兆其实是可以避免的。同时，如果问题确实发生了，那么收集问题发生时的信息就非常重 要。 OSWatcher 就是一种 support 推荐的收集诊断信息的工具。有关于如何主动避免问题及诊断信息的收集，请参见：  [Document 1482811.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1526578.1&id=1482811.1) Best Practices: Proactively Avoiding Database and Query Performance Issues  [Document 1477599.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1526578.1&id=1477599.1) Best Practices Around Data Collection For Performance Issues  **提出问题、获取帮助并分享您对本文章的感受**  您愿意与其他 Oracle 客户、Oracle 员工及业内专家深入探讨本主题吗？  [单击此处加入讨论，在这里您可以提出问题、获取他人的帮助，以及分享您对本文章的感受](https://community.oracle.com/message/11804998%20/o%20OSWatcher:%20Discussion%20about:%20(Note:301137.1)%20/t%20_blank)。  单击 访问 My Oracle Support Community 页中的“Database Tuning（数据库优化）”部分，查看有关其他文章的讨论和对您有帮助的主题。  **参考**  [NOTE:736752.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1526578.1&id=736752.1) - Introducing Cluster Health Monitor (IPD/OS)  [NOTE:461053.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1526578.1&id=461053.1) - OSWatcher Analyzer User Guide |