

HPE Gen10 Plus /Gen10 服务器通过 AHSdownload 收集 AHS 日志

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一. 适用范围与注意事项

- 本文档旨在说明 HPE Gen10 Plus 及 Gen10 系列服务器系统下通过 Active Health System Log Download 收集 AHS 日志。
- 本文仅适用于 Windows 系统。
- 实际情况是否适用本文档，请通过下面导航链接进行确认：
<https://zhiliao.h3c.com/Theme/details/218272>
- 提示：
 - 本文档中的信息（包括产品，软件版本和设置参数）仅作参考示例，具体操作与目标需求设置请以实际为准。
 - 本文档不定期更新维护，请以发布的最新版本为准。

二. 操作准备

1. 下载 Active Health System Log Download 工具

Gen10/Gen10 Plus 需要使用下方专用的免安装版 AHSdownload 工具。



AHSdwnld.rar

2. Windows 系统下载 iLO Channel Interface 驱动

- iLO 5 Channel Interface Driver for Microsoft Windows Server 2022:

[iLO 5 Channel Interface Driver for Microsoft Windows Server 2022 | HPE Support](#)

- iLO 5 Channel Interface Driver for Microsoft Windows Server 2016 and 2019:

[iLO 5 Channel Interface Driver for Microsoft Windows Server 2016 and 2019 | HPE Support](#)

- iLO 5 Channel Interface Driver for Microsoft Windows Server 2012 R2:

[iLO 5 Channel Interface Driver for Microsoft Windows Server 2012 R2 | HPE Support](#)

3. 连接 iLO 与启用远程控制台

具体方法请参考: <https://zhiliao.h3c.com/Theme/details/216337>

三. 操作步骤

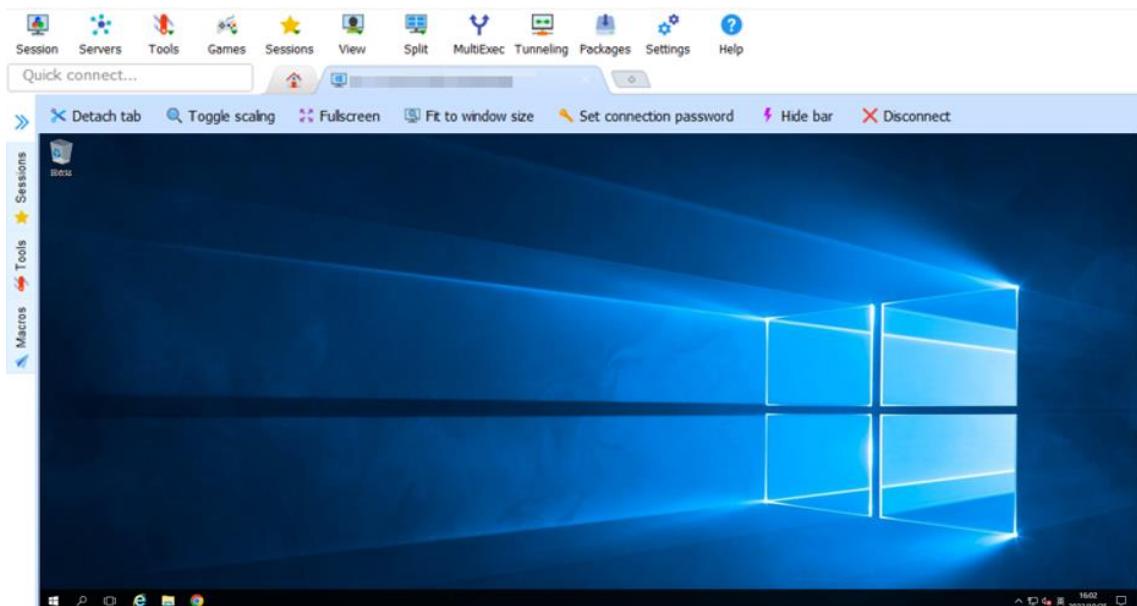
1. 访问系统

1.1 通过 iLO 启用远程控制台访问系统

iLO 5 页面 Information -> Overview 的 Remote Console 选项，或页面左下方 Remote Console 选区可直接启用远程控制台；也可在 Remote Console & Media - iLO Integrated Remote Console 页面进行选择。本文以 HTML5 远程控制台为例。

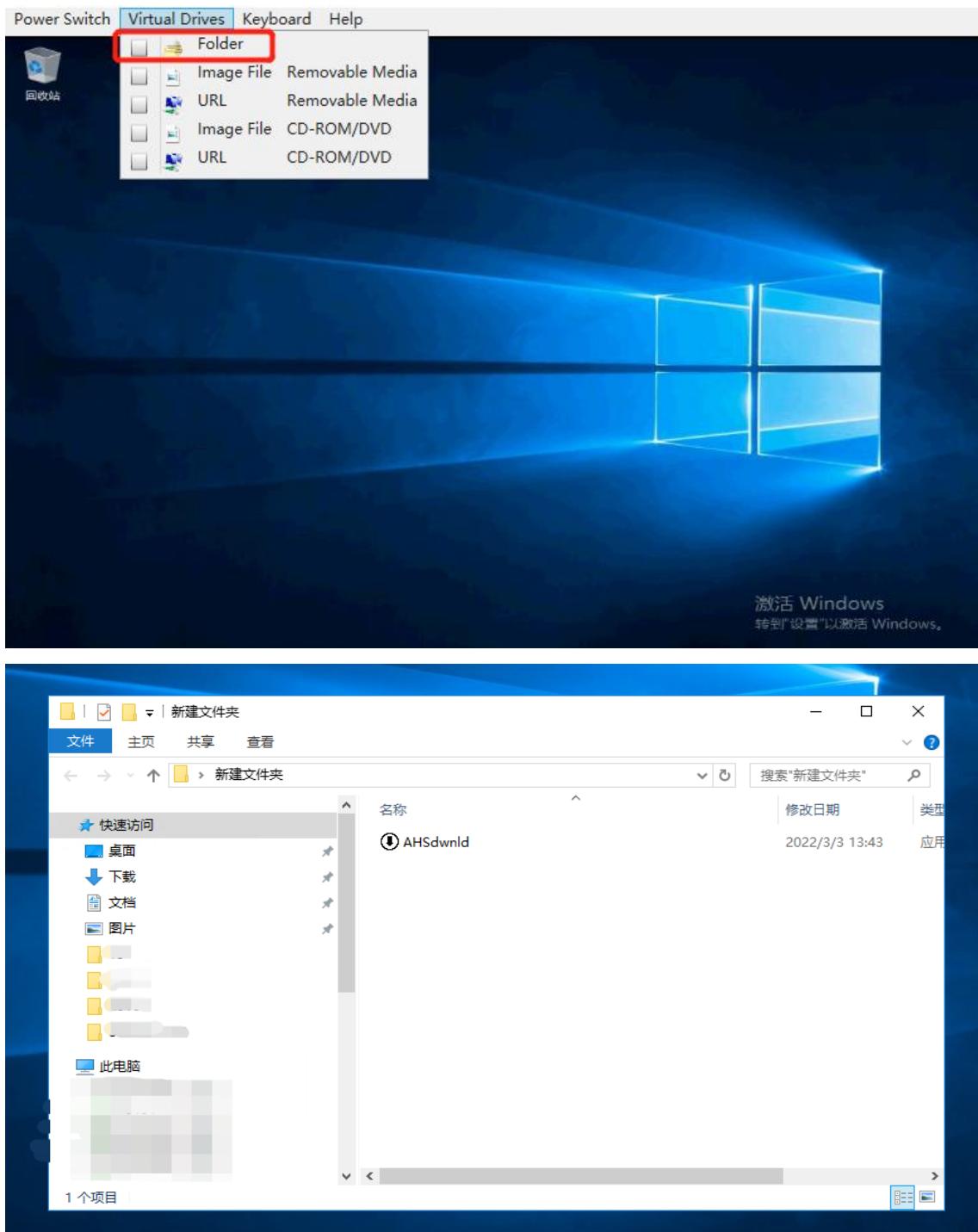
The screenshot shows the iLO 5 management interface. On the left, a sidebar lists various management categories. The 'Information' category is selected, and within it, the 'Remote Console & Media' sub-section is highlighted with a red box. The main content area displays the 'Information - iLO Overview' page. This page includes tabs for Overview, Security Dashboard, Session List, iLO Event Log, Integrated Management Log, Security Log, Active Health System Log, and Diagnostics. The 'Overview' tab is active. The main content is divided into three sections: Server, iLO, and Status. The 'Server' section contains details like Product Name, Server Name, System ROM, and Redundant System ROM. The 'iLO' section shows IP Address, Link-Local IPv6 Address, ILO Hostname, ILO Dedicated Network Port, ILO Shared Network Port, ILO Virtual NIC, License Type, ILO Firmware Version, and ILO Date/Time. The 'Status' section provides a summary of server health with icons and status indicators. A legend on the right maps colors and symbols to specific states: Critical (red diamond), Degraded (yellow triangle), OK (green circle), Risk (orange square), OFF (yellow circle), UID OFF (blue circle with diagonal line), Firmware First (blue square), Not Present (grey square), Not Supported (grey square with question mark), Not registered (yellow triangle), and Not available (grey circle).

1.2 通过远程桌面或第三方 RDP 工具访问系统



2. 将 AHSdownload 工具保存到系统下

2.1 通过 iLO 启用远程控制台将工具挂载到系统下

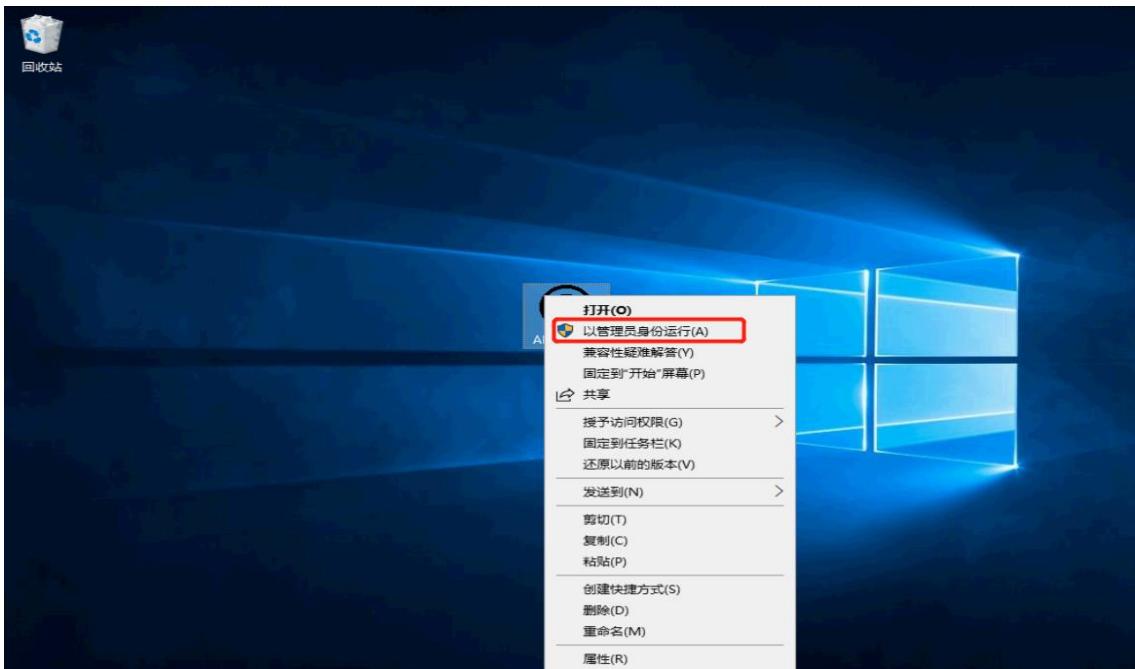


2.2 通过 U 盘将文件挂载到系统下

U 盘接入服务器后，在系统下直接访问挂载点。

3. 收集 AHS 日志

3.1 安装了 iLO5 的两个驱动后，找到 AHSdownload 工具，右键以管理员身份运行。



3.2 运行后弹出命令行窗口，界面如下，提示默认收集 3 天的日志。

A screenshot of a command-line window titled 'C:\Users\Administrator\Desktop\AHSdwld.exe'. The window displays the following text:
Warning: no start and end date specified, end date to be today with start date 3 days prior
AHS log download progress:
%...0%...0%...0%...0%...0%...1%...1%...2%...8%...11%...13%...13%...14%...14%...15%...15%...16%...16%...17%...17%...17%...18%...20%...20%...21%...21%...23%...26%...31%...31%...32%...32%...33%...34%...34%...34%...35%...35%...36%...36%...36%...36%...37%...37%

3.3 日志收集完成

