



Microsoft Hyper-V 数据收集器 Cloud Insights

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Microsoft Hyper-V 数据收集器

Microsoft Hyper-V 数据收集器从虚拟化服务器环境中采集清晰度和性能数据。



Cloud Insights 从 Microsoft Hyper-V (WMI) 采集以下清晰信息。由于 Cloud Insights 收集的虚拟机类型，均显示了此虚拟机最常用的。查看此数据收集器或其故障排除，记住以下：

供应商 / 型号	Cloud Insights
虚拟机	虚拟机
主机	主机
虚拟机	虚拟机
集群共享卷 (CSV)，分区卷	数据卷
Internet SCSI，多路径 SCSI LUN	LUN
光纤通道端口	端口

注意：有些只是常见的映射，可能并不代表此数据收集器的所有情形。

要求

要配置此数据收集器，需要满足以下条件：

- Hyper-V 需要打端口 5985，以便进行数据收集和进程 / 管理。
- 集群节点的 IP 地址
- 虚拟机管理程序上的本地管理用户和密码
- 管理用户
- Windows Management Instrumentation (WMI) 命令，是 Windows 安装的默认命令。
- 端口要求：对于 Windows 2003 及更早版本，通过 WMI 和 TCP 端口分配的端口 135 - 1024-65535；对于 Windows 2008，分配的端口 49152-65535。
- DNS 解析必须成功，即使数据收集器指向 IP 地址也是如此
- 每个 Hyper-V 虚拟机管理程序都必须安装主机上的 VM 用 "源量"。因此，每个虚拟机管理程序就可以在子系上 Cloud Insights 提供更多数据。如果未置此，每个子系取的性能指标会更少。有源量的信息，参 Microsoft 文：

["Hyper-V 源量概述"](#)

["用 VMResourceMetering"](#)



Hyper-V 数据收集器需要 Windows 采集元。

配置

字段	说明
物理主机 IP 地址	物理主机（虚拟机管理程序）的 IP 地址或完全限定域名
用户名	虚拟机管理程序的管理用户名
密码	虚拟机管理程序的密码
NT 域	集群中节点使用的 DNS 名称

高级配置

字段	说明
清理间隔（分钟）	默认为 20 分钟。

故障排除

可从中找到此数据收集器上的追加信息 ["支持"](#) 页面或中的 ["数据收集器支持列表"](#)。

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