如何使用 HPE RESTful Interface Tool 更改服务器的BIOS配置
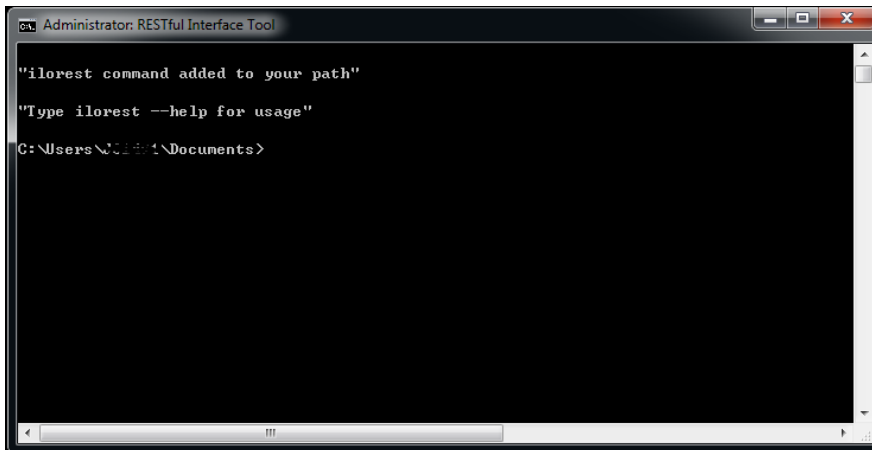
BIOS   杜玉坤   2018-03-03 发表

Gen9之后的HPE服务器可以通过RESTful interface工具在线更改BIOS设置，但大部分选项更改后需要重启服务器才能生效。

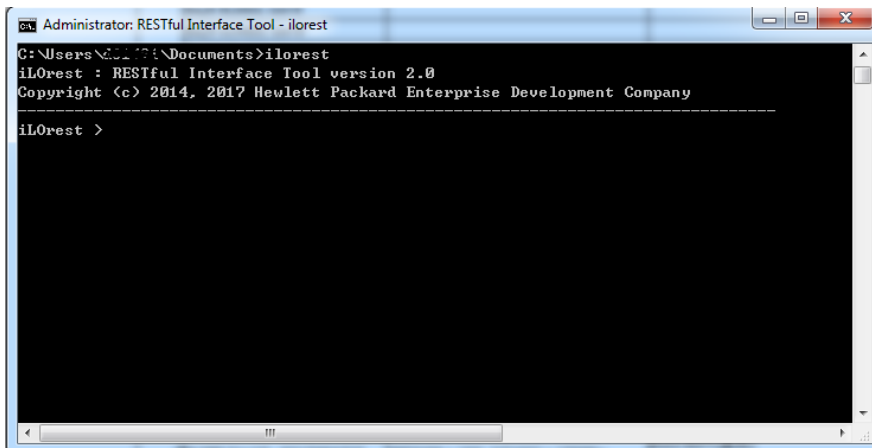RESTful工具下载地址：

http://www.hpe.com/info/resttool

下载安装后，在[开始]菜单-[程序]-[Hewlett Packard Enterprise]-[RESTful Interface Tool]中运行[RESTful Interface Tool]

1. 通过交互模式更改目标服务器BIOS配置

 a. 执行ilorest

 b. 登录目标服务器iLO，命令格式为：login <iLO_IP> -u <iLO_User> -p <iLO_Password>
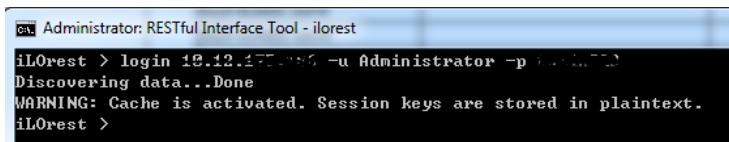
 c. 选择目标类型，命令格式为：select <object>

 d. 查看BIOS相关选项，例如：查看CollabPowerControl当前设置

 e. 修改CollabPowerControl为Disabled

 f. 检查当前更改过的选项

e. 确认并保存更改

```
iLOrest > commit
Committing changes...
The operation completed successfully.
Logging session out.
iLOrest >
```

2. 通过一条完整命令更改目标服务器某一项BIOS配置

命令格式为：ilorest set <Key>=<Value> --url=<iLO_IP> -u <iLO_User> -p <iLO_Password> --selector=<types> --commit

```
C:\Users\...\Documents>ilorest set CollabPowerControl=Disabled --url=18.12.... -u Administrator -p ... --selector=Bios.v1_0_0 --commit
iLOrest : RESTful Interface Tool version 2.0
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-----------------------------------------------------------------------
Discovering data...Done
WARNING: Cache is activated. Session keys are stored in plaintext.
Committing changes...
The operation completed successfully.
Logging session out.
```