

# RESTFUL INTERFACE TOOL

## System and Server Management Software



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C:\Program Files\Hewlett Packard Enterprise\RESTful Interface Tool\iLOrest.exe
iLOrest : RESTful Interface Tool version 2.0
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iLOrest > help
Usage: iLOrest [GLOBAL OPTIONS] [COMMAND] [ARGUMENTS] [COMMAND OPTIONS]

Options:
-h, --help          Show this help message and exit.
-c FILE, --config=FILE  Use the provided configuration file instead of the
                        default one.
--cache-dir=PATH    Use the provided directory as the location to cache
                    data (default location:
                    C:\Users\... \AppData\Roaming\iLOrest)

GLOBAL OPTIONS:
-u, --verbose       Display verbose information.
-d, --debug         Display debug information.
--nocache           During execution the application will temporarily
                    store data only in memory.
--nologo           Include to block copyright and logo.
--redfish          Use this flag if you wish to to enable Redfish only
                    compliance. It is enabled by default in systems with
                    iLO5 and above.
--latestschema     Optionally use the latest schema instead of the one
                    requested by the file. Note: May cause errors in some
                    data retrieval due to difference in schema versions.

BIOS COMMANDS
biosdefaults      - Set the currently logged in server to default
                  BIOS settings.
bootorder         - Displays and sets the current boot order.
iscsiconfig       - Displays and configures the current iscsi
                  settings.
results           - Show the results of a BIOS change after a
                  server reboot.
setpassword       - Sets the admin password and poweron password

COMMANDS
commit           - Applies all the changes made during the
                  current session.
get              - Displays the current value(s) of a
                  property(ies) within a selected type.
info            - Displays detailed information about a
                  property within a selected type.
list            - Displays the current value(s) of a
                  property(ies) within a selected type
  
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### WHAT'S NEW

- RAID Basic configuration supported on HPE ProLiant Gen10 Servers Smart Arrays
- iLO/BIOS updates and new commands
- iLO Repository Manage & Stage commands

### OVERVIEW

Having problems finding a single scripting tool that provides management automation among the server components? Being challenged with many tools, remote management vulnerabilities and scripting limitation? Hewlett Packard Enterprise offers you a single scripting tool called RESTful Interface Tool designed for HPE ProLiant Gen9 & Gen10 Servers with flexible and simpler scripting server automation at scale for rapid deployments to help cut time substantially. The RESTful Interface Tool lets you configure, monitor and update various server components. The tool is agnostic to the iLO RESTful API that is Redfish API conformant with no FW or schema download dependencies, allowing management of iLO,

BIOS, Smart Array and firmware updates

## FEATURES

### **Delivers a Single Scripting Tool for consistent Server Management Across Multiple Servers**

The RESTful Interface Tool (iLOREST) leverages the iLO RESTful API- Redfish API Conformant- and provides server inventory, monitoring and configuration to control power, BIOS, iLO settings, fetch event logs, RAID and more.

Delivers remote authentication while scripting to increase server deployment security following https protocol.

Provides more than ~50 commands with build in help for simpler manageability.

Filter is a new optional parameter for selecting objects based on values of properties of an object. This is helpful for object types that have multiple instances like PCI devices.

Open Source project enables (iLOREST) extensions for advance users to create or combine current commands for better integrations with your server management needs.

### **Reduce Deployment Time with Any of the Three Modes of Scripting**

The RESTful Interface Tool (iLOREST) offers an Interactive Mode that helps you get familiar with the tool using the autocomplete functionality.

The Scriptable Mode lets you script all the commands with the use of an external input file. The script contains a list of command lines that enable you to get and set properties of server objects.

File-based mode is similar to the conrep.dat files used by CONREP. File-based mode supports JSON file formats.



For additional technical information, available models and options, please reference the [QuickSpecs](#)

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