# Introduction

hREST, developed by using Python, is a server management command tool based on HTTPs and Redfish/RESTful. It allows users to use commands to obtain server information and configure servers.

# Command format

An hREST command uses the python main.py-Hhost-pport -Uusername-Ppassword <command> format, where:

* -Hhost—Specifies the HDM IP address of the managed device.
* -pport—Specifies the HTTPS port number. By default, the port number is 443. This option is optional.
* -Uusername -Ppassword—Specifies the HDM username and password of the managed device.
* <command>—Specifies which action to take on which instance.

# Software compatibility

## HDM compatibility

|  |  |
| --- | --- |
| Item | Compatible versions |
| HDM | Recommended: HDM-1.30.15 or later  Some commands might require specific HDM versions. For more information, see the specific command. |

## OS compatibility

|  |  |
| --- | --- |
| Item | Compatible versions |
| Windows OSs (64-bit) | Windows Server 2012 R2  Windows 7  Windows 10 |
| Linux OSs (64-bit) | CentOS 6.2  CentOS 7.3 |

# Use the hREST command tool

To use the hREST command tool:

Local operating system configuration python 3 environment (Python 3.7).

Copy the tool project file to the operating system.

Decompress the file and access the hREST\_Project directory.

Enter the corresponding command and then press Enter to execute the command.

* + python main.py -Hhost-pport -Uusername-Ppassword <command>.

# Copyright and License

Copyright 2021 New H3C Technologies Co., Ltd.

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.