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| **Netmiko**[](https://docs.vyos.io/en/latest/automation/vyos-netmiko.html#netmiko) VyOS supports configuration via netmiko. It requires to install python3-netmiko module.   |  | | --- | |  | |

**Example**[](https://docs.vyos.io/en/latest/automation/vyos-netmiko.html#example)

#!/usr/bin/env python3

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| from netmiko import ConnectHandler |

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| vyos\_router = {  "device\_type": "vyos",  "host": "192.0.2.1",  "username": "vyos",  "password": "vyospass",  "port": 22,  } |

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| net\_connect = ConnectHandler(\*\*vyos\_router) |

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| config\_commands = [  'set interfaces ethernet eth0 description WAN', 'set interfaces ethernet eth1 description LAN', ] |

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| # set congiguration  output = net\_connect.send\_config\_set(config\_commands, exit\_config\_mode=False) print(output) |

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| # commit configuration  output = net\_connect.commit()  print(output) |

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| # op-mode commands  output = net\_connect.send\_command("run show interfaces") print(output) |

Output

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| $ ./vyos-netmiko.py  configure  set interfaces ethernet eth0 description WAN  [edit]  vyos@r4-1.3# set interfaces ethernet eth1 description LAN [edit]  vyos@r4-1.3#  commit  [edit]  vyos@r4-1.3#  Codes: S - State, L - Link, u - Up, D - Down, A - Admin Down Interface IP Address S/L Description--------- ---------- --- ----------- eth0 203.0.113.1/24 u/u WAN  eth1 192.0.2.1/30 u/u LAN  eth2 - u/u  lo 127.0.0.1/8 u/u |

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| ::1/128  vtun10 10.10.0.1/24 u/u  [edit] |