**import** requests

**import** json

baseUri **=** "http://192.168.101.254/api/v1" #baseUri = "http://localhost:58000/api/v1"

# API call to request service ticket

headers **=** **{**"Content-Type"**:** "application/json"**}**

data **=** json**.**dumps**(** **{**"username"**:** "admin"**,** "password"**:** "admin123!"**}** **)**

resp **=** requests**.**post**(**baseUri**+**"/ticket"**,** data**=**data**,** headers**=**headers**)**

**print** **(**resp**.**status\_code**)**

result **=** resp**.**json**()**

**print** **(**result**)**

ticket **=** result**[**"response"**][**"serviceTicket"**]**

**print(**"Service Ticket: "**+**ticket**)**

# API call to request list of network devices

headers **=** **{**"X-Auth-Token"**:** ticket **}**

resp **=** requests**.**get**(**baseUri**+**"/network-device"**,** headers**=**headers**)**

**print** **(**resp**.**status\_code**)**

result **=** resp**.**json**()**

**print** **(**json**.**dumps**(**result**,** indent**=**4**))**

**for** i **in** result**[**"response"**]:**

**print(**i**[**"hostname"**]+**" "**+**i**[**"serialNumber"**]+**" "**+**i**[**"softwareVersion"**])**

# API call to update network-wide syslog service configuration

headers **=** **{**"X-Auth-Token"**:** ticket**,** "Content-Type"**:** "application/json" **}**

data **=** json**.**dumps**({**

"syslog" **:** **[**

**{**"serverIp"**:** "192.168.101.100"**},**

**{**"serverIp"**:** "192.168.101.111"**},**

**]**

**})**

resp **=** requests**.**put**(**baseUri**+**"/wan/network-wide-setting"**,** headers**=**headers**,** data**=**data**)**

**print** **(**resp**.**status\_code**)**

result **=** resp**.**json**()**

**print** **(**json**.**dumps**(**result**,** indent**=**4**))**