ENTERPRISE CAMPUS NETWORKING

Basic configuration and connection

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Switch Configuration:

     To establish an SSH connection, the first step is to configure SSH on the switch. To complete a basic configuration please run the following commands

```
ICX7150-48ZP Switch(config)#crypto key generate
ICX7150-48ZP Switch(config)# username user password password
ICX7150-48ZP Switch(config)# aaa authenticate login default local
```

Ensure that your IP address configured is reachable, if so the basic configuration for the switch has been completed.

```
aaa authentication login default local
ip address 10.1.1.3 255.255.255.0
ip default-gateway 10.1.1.1
!
username user password .....
```

Sample Python Script:

     If setup was completed successfully, running this script in the same project will connect to the switch.

```python
from ruckus_fastiron import *

driver = FastIronDriver('10.1.1.3', 'user', 'password')
driver.open()
# print(driver.get_arp_table())

# print(driver.get_facts())
# print(driver.get_config())
# print(driver.get_environment())
# print(driver.get_interfaces())
# # print(driver.get_interfaces_ip())
# print(driver.get_lldp_neighbors())
# print(driver.get_mac_address_table())
# print(driver.get_users())

# print(driver.get_ntp_peers())
# print(driver.get_ntp_stats())
# print(driver.get_ntp_servers())
# print(driver.is_alive())
# print(driver.get_network_instances())
# print(driver.get_lldp_neighbors_detail())
# print(driver.get_network_instances())

driver.close()
```