SlicebuilderGraphmleibp1.ipnyb - has the scripts to disable network manager on the interfaces used by the EIBP code.

Under Basic IPv4 Addressing cell added

#for node in slice.get\_nodes():

# node.execute("sudo systemctl stop NetworkManager.service")

And under EIBPStart.ipnyb

Access the Slice cell

slice = fablib.get\_slice(name=SLICE\_NAME)

for node in slice.get\_nodes():# nirmala addded this to avoid loosing access to slice nodes.

node.execute("sudo systemctl stop NetworkManager.service")

After we killed the tmux session MNLR added cell

#nirmala added this to restart network manager, else we loose access to the nodes in the slice

from FabUtils import FabOrchestrator

from fabrictestbed\_extensions.fablib.fablib import FablibManager as fablib\_manager

try:

fablib = fablib\_manager()

except Exception as e:

print(f"Exception: {e}")

slice = fablib.get\_slice(name=SLICE\_NAME)

for node in slice.get\_nodes():# nirmala addded this to avoid loosing access to slice nodes.

node.execute("sudo systemctl start NetworkManager.service")

Paul Ruth suggested in Add basic IPv4 Addressing

# For each interface in the network

for intf in network.get\_interfaces():

intfName = intf.get\_device\_name()

intfNode = intf.get\_node()

nodeName = intf.get\_node().get\_name()

intfNode.execute (f"sudo nmcli device set {intfName} managed no" )

WE HAD A PROBLEM, THAT WE COULD NOT ACCESS THE NODE AFTER SOMETIME

SlicebuilderGraphmleibp.ipnyb - is the older version which resulted in DHCP discovers being issued by the node. The network manager was also overwriting our IP addresses.

EIBPchecks - this file has general sudo statements to bring down and bring up the interface in the slice.

EIBPDeps-

1-19-2024

Identified a problem when we create the config files the username and project ID should not be enclosed in <>. This results in error when we create the slice - project ID is not recognized.

Configure.ipynb has all bash scripts.

To restart server -

File tab- hub control panel - stop my server - start my server.

Rerun the config.ipnyb