

# 109.3 - Basic network troubleshooting

## Weight: 4

Description: Candidates should be able to troubleshoot networking issues on client hosts.

## Key Knowledge Areas:

- Manually and automatically configure network interfaces and routing tables to include adding, starting, stopping, restarting, deleting or reconfiguring network interfaces
- Change, view, or configure the routing table and correct an improperly set default route manually
- Debug problems associated with the network configuration

## Terms and Utilities:

- ifconfig
  - ip
  - ifup
  - ifdown
  - route
  - host
  - hostname
  - dig
  - netstat
  - ping
  - ping6
  - traceroute
  - traceroute6
  - tracepath
  - tracepath6
  - netcat
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