What does the document say to do to Ensure IP forwarding is disabled?

Answer: Run the following command and verify output matches

What commands does the document state to run? Explain what the CIS Benchmark

configuration guides are.

Answer:

1.   **# sysctl net.ipv4.ip_forward net.ipv4.ip_forward = 0**
2.   **# grep "net\.ipv4\.ip_forward" /etc/sysctl.conf /etc/sysctl.d/* net.ipv4.ip_forward = 0**
3.   **# sysctl net.ipv6.conf.all.forwarding net.ipv6.conf.all.forwarding = 0**
4.   **# grep "net\.ipv6\.conf\.all\.forwarding" /etc/sysctl.conf /etc/sysctl.d/***
      net.ipv6.conf.all.forwarding = 0

The CIS Benchmarks represent the consensus-based effort of cybersecurity experts globally to help you protect your systems against threats more confidently.

Explain the purpose of the CIS Benchmark configuration guides.

Answer: CIS Benchmarks provide organizations with a framework of security configurations that are

expert-vetted and proven. Companies can avoid trial and error scenarios that put security at risk and

benefit from the expertise of a diverse IT and cyber security community.

Sources:

SOK: The mitre ATT&CK framework in research and practice - arxiv.org. (n.d.).
    https://arxiv.org/pdf/2304.07411.pdf