

7(C) Demonstrate the Use of Firewalls

7(C)(i) ZoneAlarm Firewall and Firewall Analyzer

Aim

To configure ZoneAlarm Firewall and analyze firewall logs using Firewall Analyzer.

Tools Used

- ZoneAlarm Firewall
 - Firewall Analyzer
 - Windows Operating System
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Theory

ZoneAlarm is a personal firewall that blocks unauthorized access, while Firewall Analyzer analyzes firewall logs to detect suspicious traffic and intrusion attempts.

Steps / Procedure

1. Download and install ZoneAlarm Firewall.
 2. Launch ZoneAlarm and enable firewall protection.
 3. Configure inbound and outbound traffic rules.
 4. Block unknown applications.
 5. Install Firewall Analyzer.
 6. Import ZoneAlarm firewall log files.
 7. Analyze blocked IP addresses and traffic patterns.
 8. Identify suspicious activities.
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Result

ZoneAlarm successfully protected the system and Firewall Analyzer analyzed firewall logs effectively.

7(C)(ii) Comodo Firewall

Aim

To demonstrate network protection using Comodo Firewall.

Tools Used

- Comodo Firewall
 - Windows Operating System
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Theory

Comodo Firewall monitors incoming and outgoing network traffic and blocks unauthorized access to protect the system from attacks.

Steps / Procedure

1. Download and install Comodo Firewall.
 2. Launch the firewall application.
 3. Enable real-time protection.
 4. Configure security rules.
 5. Monitor network connections.
 6. Block unknown or malicious applications.
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Result

Comodo Firewall successfully monitored and blocked unauthorized network activities.

