

**Chapter 1: Getting Started**

You will learn:

- C Apache Software Foundation.
- C Apache execution.
- C Apache components.
- C Hypertext Transfer Protocol.
- C TCP/IP protocol.
- C IP addresses.
- C Ports.
- C Hardware requirements.

**Chapter 2: Installation**

You will learn:

- C How to procure Apache Server software.
- C How to install Apache Server.
- C How to configure Apache Server.

**Chapter 3: Server Logs**

You will learn:

- C Server log files.
- C Tracking activities.
- C Tracking errors.
- C Multiple access logs.
- C CLF - Common Log Format.
- C Rotating logs.
- C Piped logs.

<b>Chapter 4: Monitoring Tools</b>
You will learn: <ul style="list-style-type: none"><li>C accesswatch.</li><li>C wusage.</li><li>C wwwstat.</li></ul>
<b>Chapter 5: Common Gateway Interface</b>
You will learn: <ul style="list-style-type: none"><li>C ScriptAlias.</li><li>C Options directive.</li><li>C .htaccess files.</li><li>C CGI program.</li></ul>
<b>Chapter 6: Server-parsed HTML</b>
You will learn: <ul style="list-style-type: none"><li>C Server-side includes.</li><li>C mod_include.</li><li>C SSLs.</li><li>C Include variables.</li><li>C Variable substitution.</li><li>C PHP.</li><li>C Tomcat.</li></ul>
<b>Chapter 7: Java Applets and Servlets</b>
You will learn: <ul style="list-style-type: none"><li>C Applets.</li><li>C Servlets.</li></ul>

**Chapter 8: Adding Server Modules**

You will learn:

- C Core and multi-processing modules.
- C Environment creation.
- C Content type decisions.
- C URL mapping.
- C Directory handling.
- C Access control.
- C HTTP response.
- C Dynamic content.
- C Internal content handlers.
- C Logging.
- C Directives.

**Chapter 9: Dynamic Shared Objects**

You will learn:

- C `mod_so`.
- C Enabling support.

**Chapter 10: Server Security**

You will learn:

- C Unix security model.
- C Apache security model.
- C Apache security directives.
- C Authenticating users.

**Chapter 11: Enabling Secure Transactions**

You will learn:

- C Cryptographic techniques.
- C Public keys.
- C Digital signatures.
- C Certificates.
- C Secure Sockets Layer.

**Chapter 12: Running Large-Scale Web Sites**

You will learn:

- C DNS for resolving names.
- C ifconfig for assigning aliases.
- C Virtual domains for hosting multiple web sites.
- C Single daemon with virtual hosts.
- C IP mirroring and load balancing.
- C Proxy services for limiting untrusted user access.