



RCETCSAC05 - Email and Cloud Security

Course outcomes:

- Identify the Web Security risks and implement web security defense strategy methods.
- Apply encryption standards.
- Contemplate Cloud Security along with its service and deployment models.
- Choose suitable cloud security tools. And Present steps in effective cloud security maintenance.

Syllabus:

UNIT I

Web Security

Introduction to Web-Security- Why Web Security? - Top Web Security Risks- How to handle the risks?- Preventing Web Security Risks- Important features of a good website security solution/ Approach- Known web security vulnerabilities and unknown vulnerabilities

UNIT II

E-mail Security

Introduction to E-mail System - The Need for E-mail Security- Common Threats in email security- Maintaining a Secure Mail System- E-mail Encryption Techniques- Open PGP Encryption

UNIT III

Cloud Security

Cloud Deployment Models- Cloud Service Models- The Key Aspects of Cloud Security- Risks in Cloud Security- Tools used in Cloud security- The Steps towards an Effective Cloud Security Team

Reference Text Books:

1. O'Reilly members get unlimited access to live online training experiences, plus books, videos, and digital content from O'Reilly and nearly 200 trusted publishing partners.