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**FACULTY OF ENGINEERING & TECHNOLOGY**

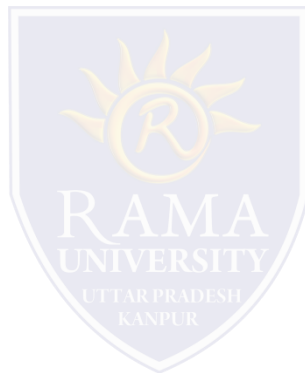
**MOBILE SECURITY**

**LECTURE -38**

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# OUTLINE

- **Secure Mobile Email**
- **Effective Governance Reporting**
- **Manage Risk**
- **Target Multiple Users**
- **MCQ**
- **References**



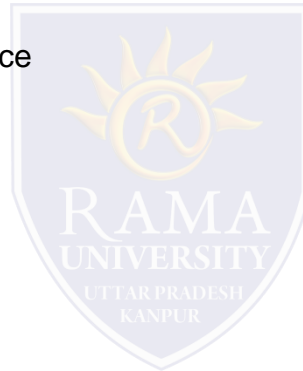
## Secure Mobile Email

The Secure Mobile E-Mail projects emails and attachments from a dedicated secure server onto the mobile device when the user wants to read them. Corporate email and credentials are never stored on mobile devices. Employees can read their corporate mail from any of their mobile devices. It features simple, user-friendly security. The Secure Mobile Email empowers employees to read their email from their personal smartphones and tablets, while maintaining security, accountability, compliance, and a natural user experience.



## Why choose Secure Mobile Email?

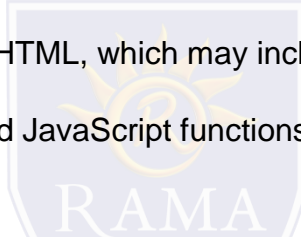
1. Keeps corporate data secure, prevents loss and theft
2. Provides centralized management and reports
3. Eliminates the need for email containerization
4. Enables seamless, natural user experience
5. Allows cost effective deployment



## Web Browser

A web browser, or simply "browser," is an application used to access and view websites. Common web browsers include Microsoft Internet Explorer, Google Chrome, Mozilla Firefox, and Apple Safari.

The primary function of a web browser is to render HTML, the code used to design or "mark up" WebPages. Each time a browser loads a web page, it processes the HTML, which may include text, links, and references to images and other items, such as cascading style sheets and JavaScript functions. The browser processes these items, then renders them in the browser window.



## Google Chrome



- Private browsing
- Fast Startup
- Phishing/ Malware Filter

## Mozilla Firefox



- RSS Headlines
- Chat Extensions
- Spam/ Malware Filter

# WEB BROWSER

## Opera Web Browser



- Email suite
- Phishing Filter
- Bit Torrent

## Safari Web Browser



- Most Popular Macintosh Browser
- Import Bookmarks from any browser
- Private Browsing

## Netscape Browser



- Dynamic HTML
- Integrated Search Engine
- Open source Development

## Internet Explorer



- Add ons
- Customization options
- Mouse Gestures

## UC Browser



- Quick browsing
- Quick Page sharing
- Multiple Apps

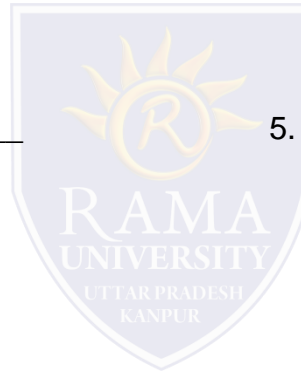
## Slim Browser



- Omni Bar mode
- Integrated Plug-in (Ad Blocker, Photo Salon)
- Low Crash and Bugs

# MCQ

- \_\_\_\_\_ is data interception method used by hackers.
  - Phishing
  - DoS
  - Sniffing
  - MiTM
- Sniffing is also known as \_\_\_\_\_
  - network-tapping
  - wiretapping
  - net-tapping
  - wireless-tapping
- \_\_\_\_\_ are programs or devices that capture the vital information from the target network or particular network.
  - Routers
  - Trappers
  - Wireless-crackers
  - Sniffers
- Which of them is not an objective of sniffing for hackers?
  - Fetching passwords
  - Email texts
  - Types of files transferred
  - Geographic location of a user
- Which of the following tech-concepts cannot be sniffed?
  - Router configuration
  - ISP details
  - Email Traffic
  - Web Traffic
  - Risk identification



# REFERENCES

❑ <http://www.communitake.com/secure-mobile-email/>

