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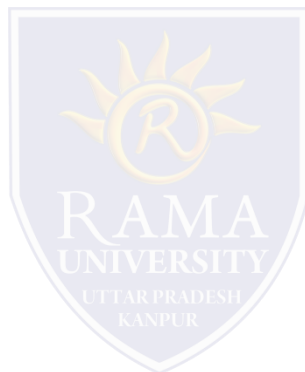
FACULTY OF ENGINEERING & TECHNOLOGY
MOBILE SECURITY

LECTURE -39

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OUTLINE

- **The Evolution of Mobile Device Management (and EMM)**
- **Modern EMM suites provide the following core functions**
- **MDM Platform**
 - **Addigy**
 - **Fleetsmith**
- **MCQ**
- **References**

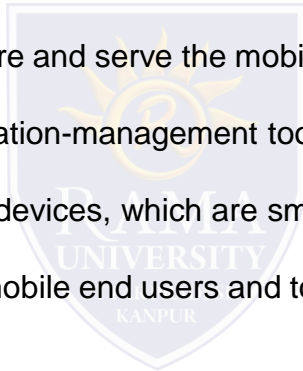


THE EVOLUTION OF MOBILE DEVICE MANAGEMENT (AND EMM)

The Evolution of Mobile Device Management (and EMM)

The field of mobile device management has continued to evolve as more professionals are using laptops and smartphones to work. This has increased the need for solutions that allow employees to access information wherever they are and at any time. Early solutions focused solely on devices, and lacked application and content management; today, they are now growing into broader EMM solutions to better capture and serve the mobile opportunity.

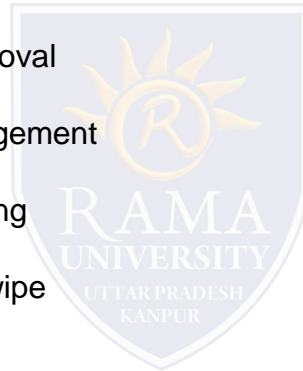
Current EMM suites consist of policy- and configuration-management tools that are coupled with a management overlay for applications and content that's intended for mobile devices, which are smartphone-OS specific. IT organizations and service providers use EMM suites to deliver IT support to mobile end users and to maintain security policies.



THE EVOLUTION OF MOBILE DEVICE MANAGEMENT (AND EMM)

Modern EMM suites provide the following core functions:

- Hardware inventory
- Application inventory
- OS configuration management
- Mobile app deployment, updating and removal
- Mobile app configuration and policy management
- Remote view and control for troubleshooting
- Execute remote actions, such as remote wipe
- Mobile content management

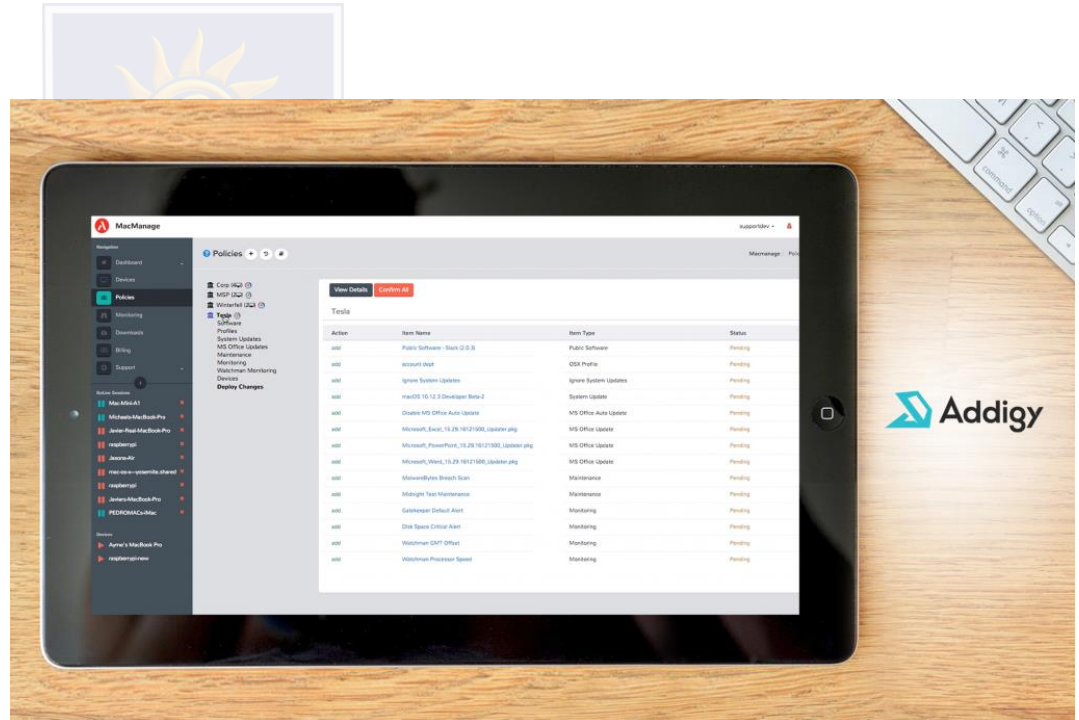


THE EVOLUTION OF MOBILE DEVICE MANAGEMENT (AND EMM)

Addigy

Addigy is one of the most popular and very comprehensive mobile device management (MDM) software solutions out there. It is also cloud-based solution. Thus, you can access it anywhere using any Apple device provided you have an internet connection. Addigy allows you to monitor and track devices including Apple TVs, iPads, and iPhones. This makes it a top Apple device management software.

- License management
- Automatic scans and approval
- Patch and update management
- Remote access
- IT Budgeting
- Capacity monitoring
- IT service management



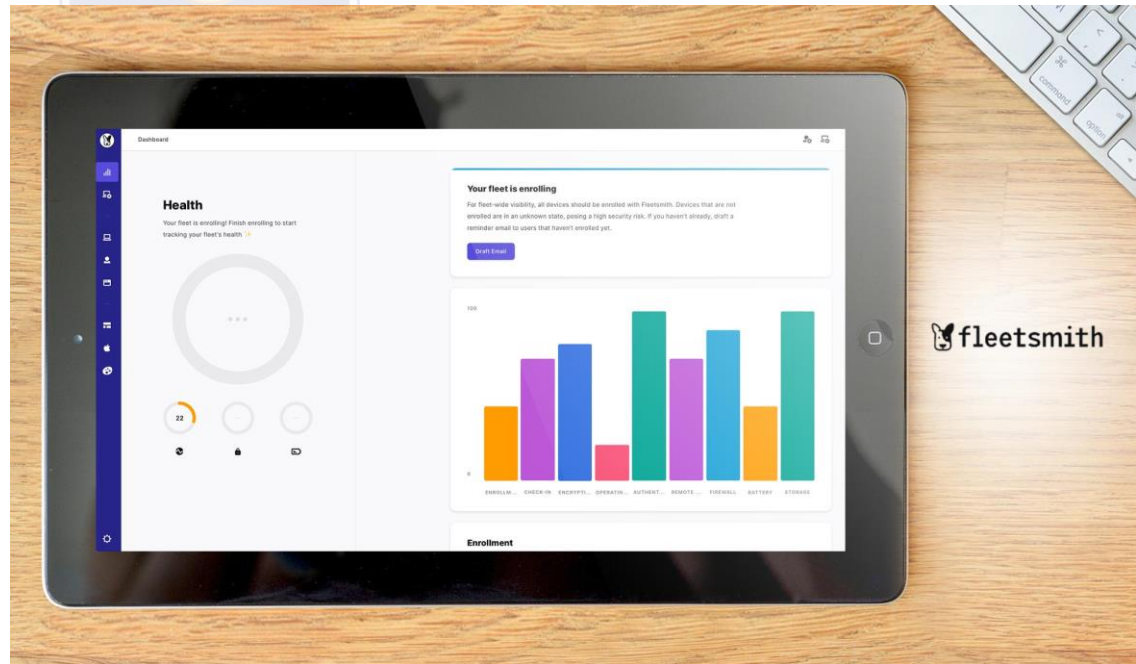
THE EVOLUTION OF MOBILE DEVICE MANAGEMENT (AND EMM)

Fleetsmith

Fleetsmith is an MDM for a fleet of Apple devices such as iPads, iPhones, Apple TVs, and Macs. It places your iOS and Mac devices on autopilot for tasks such as policy enforcement, new device enrollment, security update, and more. This means that the software would automatically set devices up for new employees and download new security or app patches.

It also identifies security issues and addresses them across your entire fleet before they become major problems.

- ❑ Automatic patch, upgrade, management, etc.
- ❑ 360-degree fleet visibility
- ❑ Security-first design philosophy
- ❑ Real-time intelligence
- ❑ Easy on boarding
- ❑ G Suite and Office 365 integration
- ❑ One-click remediation



MCQ

6. Which of the following tech-concepts cannot be sniffed?

- a) Cloud sessions
- b) FTP passwords
- c) Telnet passwords
- d) Chat sessions

9. There are _____ types of sniffing.

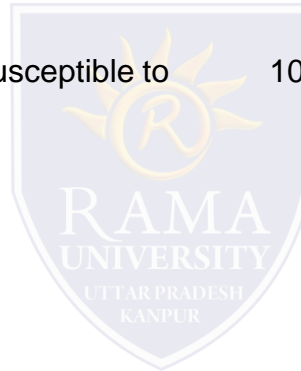
- a) 2
- b) 3
- c) 4
- d) 5

7. Which of the below-mentioned protocol is not susceptible to sniffing?

- a) HTTP
- b) SMTP
- c) POP
- d) TCP

10. Active sniffing is difficult to detect.

- a) True
- b) False



8. Which of the below-mentioned protocol is not susceptible to sniffing?

- a) NNTP
- b) UDP
- c) FTP
- d) IMAP

REFERENCES

❑ <https://financesonline.com/mobile-device-management/>

