1mobility
Smarter Enterprise Mobility Management

Geo-fence: Wi-Fi Based

About 1Mobility

1Mobility, a global company, offers a cloud based, internationalized and scalable Enterprise Mobility Management (EMM) solution that secures, monitors, manages and supports mobile devices across platforms, service providers and manufacturers.

1Mobility provides an affordable solution either cloud based or privately installed, enables over-the-air distribution of mobile applications, configuration settings and security policies to corporate owned or employee owned (BYOD) devices through a central web console.

1Mobility offers following solutions

- Enterprise Mobility Management (EMM)
- Data Loss Prevention (DLP) of Mobile Data
- Compliance enforcement and monitoring
- App Wrapping and containerization
- BYOD Management

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Geo-fence: Wi-Fi Based

Challenges

Many of the organizations use combination of corporate owned and employee owned (BYOD) devices for various business purposes. Some of the risks with these devices are intentional or unintentional data loss, unproductive use of the devices and vulnerability to the internal company network. Locking down the devices completely is not always the best solution and certainly doesn't work in BYOD scenario.

The best balance would be to lock down devices or apply compliances only when the devices are connected to the Wi-Fi network of the company.

Solutions

1Mobility provides a comprehensive solution that extends a Wi-Fi based geo-fencing solution. This allows organizations to define and apply restrictions on hardware and device features, compliances related Apps, Network configurations and Data Loss Prevention (DLP) policies while the devices, smartphones and tablets, are connected to corporate Wi-Fi. The policies are removed when the devices are disconnected from the corporate Wi-Fi.

This brings the best balance between the privacy and unrestricted benefits of the mobile devices to employees and security for organizations without any compromise.

Features

- Define multiple Wi-Fi based fences
- Configure Restrictions per fence using our simple to use and intuitive web console
- Options to apply same or different restrictions across the fences
- Define restricted Apps within a fence
- Configurations can be defined based on the groups, locations and ownership of the devices
- Easy management as geo-fence configurations are part of rest of the policy definitions
- One click over-the-air (OTA) distribution of the geo-fence configurations through a central web console

Process

Administrators define all the Wi-Fi based fences and assign a name to be referenced in the security policies. While administrators define the regular policies and configurations, they can include geo-fence based features and Apps related restrictions.

Administrators may define separate set of restrictions based on your organization's locations and sensitivity and security requirements of the premises.

It is a best practice to mention the Wi-Fi MAC address so that fence corporate fence can be uniquely identified. Wi-Fi SSID is not enough to identify a fence uniquely.

Use Cases

1Mobility allows Administrators defining geo-fence settings for ownership types like corporate or employee owned as well as group and location of the users and these settings are delivered to the devices real-time over the air.

Corporate Devices

- Allow secure browsing and transfer of data by defining proxy and thereby content filtering while on the company network.
- Apply hardware restrictions like no camera or Bluetooth or other Data Loss Prevention (DLP) policies while in a secure premise.
- Disallow social apps, games or apps that bring vulnerabilities to the corporate network or hamper productivity.

BYOD

In addition to all the points mentioned above related to the corporate devices,

- Configure data loss prevention (DLP) policies without eliminating full benefits of devices while not connected to corporate network and protecting privacy of employees.

Summary

1Mobility's Geo-fence product brings an elegant solution especially in BYOD management and has strengthened management of network protection in various industries like but not limited to Education, Healthcare, Government, Manufacturing, Pharmaceutical, Banking and Insurance.