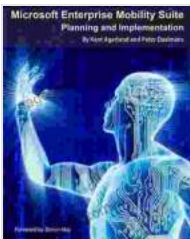# Unlock Enterprise Mobility with Microsoft Enterprise Mobility Suite: A Comprehensive Guide

In today's digital landscape, organizations are increasingly relying on mobile devices and cloud services to enhance productivity and collaboration. However, this shift towards enterprise mobility also brings about significant security and management challenges. Microsoft Enterprise Mobility Suite (EMS) is a comprehensive solution that empowers organizations to embrace enterprise mobility securely and effectively.

This comprehensive guide will provide you with a deep understanding of EMS planning and implementation. We will cover everything you need to know, from assessing your organization's mobility needs to deploying and managing EMS. By the end of this guide, you will be equipped with the knowledge and skills to maximize the benefits of EMS and transform your enterprise mobility strategy.

The first step towards successful EMS implementation is to thoroughly assess your organization's mobility needs. This involves understanding the following:

Microsoft Enterprise Mobility Suite: Planning and Implementation by Peter Daalmans

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- **Mobile device usage:** Identify the types of mobile devices used by your employees, the applications they access, and the security risks associated with their usage.

- **Business requirements:** Determine the specific business needs that EMS can address, such as secure access to corporate data, collaboration on the go, and device management.

- **Security and compliance:** Establish the security and compliance requirements that EMS must meet to protect your organization's data and infrastructure.

EMS is a suite of cloud-based services that work together to provide a comprehensive enterprise mobility solution. The core components of EMS include:

- **Microsoft Intune:** A mobile device management (MDM) solution that allows you to manage and secure mobile devices, including smartphones, tablets, and laptops.

- **Azure Active Directory Premium:** A cloud-based identity management service that provides single sign-on (SSO),multi-factor authentication (MFA),and conditional access.

- **Microsoft Information Protection (AIP):** A cloud-based data protection service that allows you to classify, label, and protect

sensitive data across multiple platforms.

- **Microsoft Advanced Threat Analytics (ATA):** A cloud-based security service that provides real-time threat monitoring and detection across your network.

Proper planning is essential for a successful EMS implementation. Consider the following steps:

- **Define your implementation goals:** Clearly define the objectives you want to achieve with EMS, such as enhancing security, improving productivity, or reducing costs.

- **Identify key stakeholders:** Involve key stakeholders, including IT, security, and business leaders, throughout the planning and implementation process.

- **Assess your existing infrastructure:** Determine whether your existing infrastructure is compatible with EMS and if any upgrades or changes are necessary.

- **Develop a deployment plan:** Create a detailed plan that outlines the steps for deploying EMS, including timelines, resources, and dependencies.

The deployment of EMS involves several key steps:

- **Set up Azure Active Directory:** Configure Azure Active Directory Premium for SSO and MFA.

- **Enroll mobile devices:** Enroll mobile devices into Microsoft Intune for management and security.

- **Configure conditional access:** Implement conditional access policies to control access to corporate resources based on factors such as device type, location, and user identity.

- **Deploy Microsoft Information Protection:** Enable AIP to classify and protect sensitive data on various platforms.

Once EMS is deployed, ongoing management and monitoring are critical for its success. Key tasks include:

- **Monitor device compliance:** Use Intune to monitor device compliance with security policies and identify vulnerabilities.

- **Enforce security policies:** Configure Intune to enforce security policies, such as password requirements and software updates.

- **Manage user access:** Use Azure Active Directory to manage user access to corporate resources and applications.

- **Monitor security threats:** Use ATA to monitor for security threats and respond to incidents.

In addition to the core components, EMS offers advanced features that enhance its functionality. These features include:

- **Microsoft Endpoint Manager:** A unified management console that integrates Intune and Configuration Manager for managing all endpoints, including mobile devices, desktops, and laptops.

- **Microsoft Defender for Endpoint:** A cloud-based endpoint security service that provides integrated threat protection, vulnerability management, and endpoint detection and response (EDR).

- **Microsoft Azure Sentinel:** A cloud-based security information and event management (SIEM) solution that aggregates data from multiple sources to provide real-time visibility into security threats and incidents.

Microsoft Enterprise Mobility Suite is a comprehensive and powerful solution for empowering organizations to embrace enterprise mobility securely and effectively. By following the guidance provided in this guide, you can assess your mobility needs, understand EMS components, plan your implementation, deploy EMS, manage and monitor EMS, and leverage advanced features.

With EMS, you can unlock the full potential of enterprise mobility, enhance productivity, secure your data, and transform your organization's digital workplace. Embrace the power of EMS and drive your business forward in the digital age.
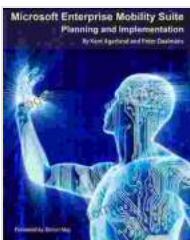
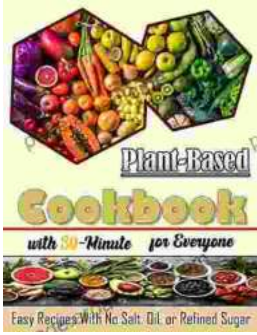**Microsoft Enterprise Mobility Suite: Planning and Implementation** by Peter Daalmans

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