Security: Azure Information Protection - Fundamentals

Proactive Operations Program

Duration: 4 Days (1 remote/ 3 onsite)
Focus Area: Security and Identity

Overview

Are you interested in protecting your organizations information from unauthorized access? Azure Information Protection (AIP) is a cloud-based solution that helps your organization classify, label, and protect its documents and emails.

Work alongside a Microsoft Expert to ramp up on AIP and understand how data is classified and encrypted. Gain hands on experience implementing AIP and integrating it with Office 365 or Exchange/SharePoint Server.

Objectives

- Educate your team on AIP functionality and the security benefits AIP can bring to your environment.
- Learn how to transfer and manage information between your partners in secure manner.
- Prepare your organization and staff to deploy AIP.

Methodology

Scope and setup

Evaluate your organizations needs and understand how to prepare for an implementation.

Deploy

Work through a pre-production deployment with a Microsoft Field expert. Gain hands on experience implementing the solution.

Ramp up on the solution

Use the pre-production deployment to learn how to manage the solution and integrate with other applications.

Key takeaways

- A pre-production environment built for you with AIP integration enabled.
- Documentation and guidance for the pre-production environment.
- Scenario demonstrations on AIP features and how to get the most from your AIP deployment.
- Deep technical understanding of how AIP works and can be enabled in your Production environment.

Scope

- Deploy AIP in a pre-production environment. If you do not have a pre-production environment, a demo environment will be provided as a part of this engagement.
- Integrate AIP with one supported application (See page 2)

Agenda

Scoping

- Pre-engagement scoping call and planning.

Day 1: Environment preparation

- Engineer will prepare environment for delivery based on scope.

Day 2: Knowledge transfer

- AIP Workshop.

Day 3: Enable AIP

- The engineer will help your technical staff enable AIP.

Day 4: Documentation and Follow-up

- Engineer will prepare documentation of the environment.
- Answer follow-up and clarifying questions if needed.

Training and hands on exercise details

Training material

- AIP Data Classification
- Azure Rights Management
- Deep Dive (optional)
- AIP Taxonomy (optional)
- AIP scanner & FCI
- Azure RMS O365 and on-premises integration
- BYOK/HYOK (optional)
- Troubleshooting (optional)

Hands-on exercises

- AIP Labels and Policies
- Central reporting setup
- Azure Rights Management Protection
- AIP Taxonomy
- AIP Scanner
- Azure RMS Connector
- Enable RMS for SharePoint Server
- Enable RMS for Exchange Server
- On-premises to OMEv2 mail flow

Technical scope

Concepts

- Education on AIP functionality
- Describing the security benefits AIP can bring to your environment
- How to transfer and manage information between your partners in secure manner

Integration scenarios

- Microsoft Office
- Exchange Server on-premises
- Exchange Online
- SharePoint on-premises
- SharePoint Online
- File servers
- Microsoft Cloud App Security

Engagement Requirements

Environment

Pre-production environments must meet the following requirements:

- ADFS integration is in place
- Azure AD Connect is enabled and all users & groups are in sync to the cloud
- Environment capable of integration
- Internet connectivity with the lab
- 80 TCP, 443 TCP – communication can go through proxy server, but authentication and SSL inspection is not supported
- 25 TCP – proxy is not supported

If your pre-production environment does not meet these requirements, you will need internet connectivity to connect to the lab environment provided by Microsoft

Staff/Participants

- Azure architects
- Administrators, and technical staff that handle Identity information

Facility

- Conference room with projection display and whiteboard.

For more information

Contact your Henson Group representative for further details.