Windows Workstation security

Management of local workstation administration accounts with LAPS

Contact us: contact@almond.consulting

What is LAPS?

LAPS is a system for **managing local passwords** on users' workstations. This tool aims to secure the use of local administrator accounts

What does LAPS provide?

LAPS provides **security for workstations and the entire network** by providing the following security features

- **Generation** of a unique local administrator password per workstation
- **Centralized storage** of local administrator accounts on AD
- **Blocking the risk** of a lateral movement **attack** from a compromised workstation
- **Centralized management** of local administrator password **expiration**

Why is LAPS an opportunity?

If you have a single administrator password across all workstations and are concerned about the size of your attack surface :

- LAPS is integrated into the Windows system **for free**.
- Deployment and management of the tool is done on the **existing AD infrastructure**

We can support you

Almond's Infrastructure Security team has **complete expertise** in the service chain offered by Microsoft, from the workstation to the Azure Cloud, as well as in AD and Azure AD security issues.
Mastering LAPS deployment projects is part of our catalog of **skills** and we will be able to adapt to **your context** so that you can exploit the tool's features in an **optimized** and **secure** manner.

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What are the LAPS integration methods?

On-premise

Deployment and control by local policy (GPO)

- Deploying local password policies
- Local passwords on AD controller

In the cloud

Deployment and control on Microsoft Intune

- Solution not natively supported
- Development of a custom solution :
  - Password generation on Azure KeyVault
  - Deployment of local passwords with Intune
  - Logs on «Azure Application Insights»

What services do we provide?

Provide		Goal
Build support for on-premise deployment	Production of configuration & run supporting documentation and project support provision during pilot	Provide support in deployment and operation for Windows Workstations admin teams
Build support for Cloud deployment	Development and deployment of custom cloud solution and project support provision during pilot	