Securing SAP on Microsoft Cloud

Safeguard SAP with Microsoft Security

The client challenge

As organizations move on their IT transformation journey to the cloud new challenges for securing infrastructure arise. This coupled with SAP's position as a high target for attackers due to the confidential data it processes heightens the need for a holistic security model for the cloud.

- Client users require to have seamless authentication and authorization to applications on prem and in the cloud (inc SAP) to maintain a high-end user experience.

- There is a need to centralize all security logs, enable specific high risk SAP specific monitoring, set up alerting and provide operational reporting to security management.

- The client requires to minimise attack surface of their SAP deployment in the cloud through Microsoft tools which differ from tools currently deployed on their on prem SAP deployment

The solution

Introducing Securing SAP on Microsoft Cloud

Securing SAP on Microsoft Cloud is a collaborative solution between PwC and Microsoft to help clients who are on a SAP or IT transformation securely deploy to the cloud. Our expertise in assessment, design and implementation within the Microsoft Cloud confirms our clients are able to adopt a security model which works for their organization and which provide the most effective protection for their SAP instances and data. In addition, our implementation support offerings can enable several deployments including Microsoft's customized SAP Sentinel Security Monitoring solution.

KEY BENEFITS

| 1 | Identify gaps and recommendations for remediation in your cloud deployment through assessment of your current state security model for your SAP deployment. |

| 2 | Deliver a security model design your future state Microsoft Cloud SAP security deployment including detailed cybersecurity approach (with timelines & milestones), integrated with the overall SAP implementation / transformation plan |

| 3 | Deliver optimised SAP monitoring via SAP connector to Sentinel for SAP specific security use case monitoring |

| 4 | Provide implementation support across all Microsoft Cyber tools and other enterprise Cyber tools such as Azure Active Directory, Microsoft Information Protection, and Azure Firewall to reduce SAP attack surface |

Securing SAP on Microsoft Cloud in action

Any organization in the process of a SAP transformation to the Microsoft Cloud

Challenge

A client is about to embark on an IT transformation to the Microsoft Cloud and is seeking to move their SAP deployment to the cloud. The client is unsure how to adequately protect the SAP deployment in the cloud from attackers.

Solution

PwC will assess the clients current SAP deployment to understand the security model in place. PwC will then work with the client and help design your SAP deployment in the Microsoft Cloud, determining what security controls require to be deployed and how they should be configured in order to reduce attack surface exposure as much as possible.

Results

The client will be provided with a SAP on Microsoft Cloud Deployment Report detailing: the security model to be deployed using Microsoft infrastructure and tools; associated network infrastructure diagrams; and an implementation and roll out plan for deployment of your SAP instances to the cloud.

Contact

Nitin Lalit

Director

nitin.lalit@pwc.com

Paul Reynolds

Director

paul.reynolds@pwc.com