Solution Brief

Insight AWS Containers Assessment

In today's fast-paced business environment, organisations need to be able to quickly respond to changes in demand and make efficient use of their infrastructure.

One way to achieve this is by using containers with AWS and Insight. Containers provide a consistent runtime environment, allowing for easy scaling and portability of applications, while also reducing the need for additional hardware.

By using containers with AWS and Insight, organisations can take advantage of the cost savings associated with using cloud infrastructure, as well as the ability to only pay for the resources they use. Additionally, containers simplify the management of applications by providing a standardised way to package and deploy them.

Benefits

There are several benefits of using containers with AWS and Insight, including:

- **Easy scaling:** Containers allow for easy scaling of applications, enabling organisations to quickly respond to changes in demand.

- **Portability:** Containers provide a consistent runtime environment, making it easy to move applications between different environments, such as from development to production or between cloud providers.

- **Cost savings:** By using containers with AWS and Insight, organisations can take advantage of the cost savings associated with using cloud infrastructure, as well as the ability to only pay for the resources they use.

- **Simplified management:** Containers can simplify the management of applications by providing a standardised way to package and deploy them.

aws

Business challenge

Many organisations have the opportunity to improve the scalability and reduce the AWS hosting costs of their existing solutions by exploring the use of containers with AWS and Insight. And although they are interested in Containers, they feel unsure about how to get started and might not understand the operational implications and dependencies. Additionally, some organisations are nervous about the security implications of containerising apps, while others have a lack of internal resources to plan and deliver. By using containers with AWS and Insight, organisations can address these concerns and take advantage of the benefits that containers offer, including easy scaling, portability, cost savings, and simplified management.

Our Solution

The AWS Containers Assessment service introduces customers to containers and their benefits, and how to deploy them within AWS. Insight analyses our clients' IT solutions for containerisation suitability. Insight will host a workshop to discuss containerisation benefits, evaluate different AWS services for running containers, and choose optimal options. The workshop covers skills, capabilities, operational implications, security considerations, and optimisations. We will work with your development teams to evaluate applications, containerize a single .NET or Java application using the app2container application, and deploy it into a PoC environment based on the AWS ECS service for testing and evaluation.

Is this solution right for you?

We have developed an expansive range of services to help you along the entire cloud journey to achieve your business objectives with AWS. By taking a comprehensive approach and using our deep, broad expertise, our services portfolio guides you towards a successful AWS adoption strategy, resulting in your IT team spending less time fire-fighting and more time creating business value.

Discover & Plan

We'll gain a full picture of your current and future requirements, exploring the right approach, and then plan how to realise the value through cost-effective solutions.

Build & Integrate

We can accelerate the deployment of your chosen solution, using our deep expertise and resources to seamlessly install and integrate the right technology.

Run & Innovate

Depending on your requirements, we can then help you optimise your AWS technology by supporting or managing it on your behalf.

AWS Competency Programme & Certifications

AWS established the AWS Competency Programme and certifications to help customers identify Consulting and Technology Partners with deep industry experience and expertise.

Competencies	Certifications
PARTNER: Migration Services Competency	PARTNER: Solution Provider
PARTNER: Security Services Competency	PARTNER: Advanced Tier Services
PARTNER: AWS Microsoft Workloads Services	PARTNER: Public Sector
PARTNER: DevOps Service Competency	PARTNER: AWS Marketplace Skilled Consulting
	PARTNER: Immersion Day
	PARTNER: Amazon EC2 for Windows Server Delivery
	PARTNER: Well-Architected Partner Program

Why Insight for containerising applications.

Insight can help you package your applications for production after this assessment. Each organisation has a unique set of applications, that's why we offer customised solutions that suit your requirements.

For more information please contact your Insight Account Manager.

Insight

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