Enterprise Architecture as a Catalyst for Business Transformation

Skills and expertise to help you increase your knowledge in the field of digital technologies
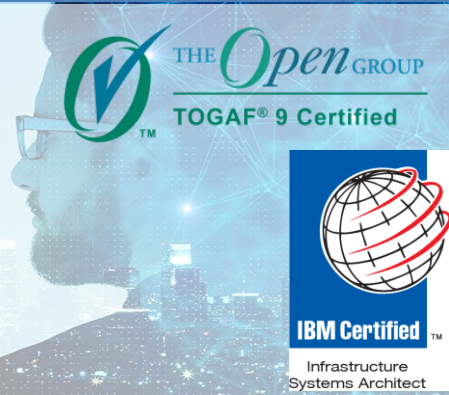
TLC
Education & Training Services

About this workshop

Enterprise architecture is vital in guiding digital transformation efforts within an organization. It provides a detailed overview of the internal systems, processes, and data flows, enabling organizations to identify improvement areas and innovation opportunities. Enterprise Architecture is a discipline that aligns the complex business and IT structures within large-scale organizations. It is a strategic and technical role that introduces practical standards across departmental units.

This two-day workshop will help teams with the necessary knowledge on Enterprise Architecture and EA Management with an exciting Use-case as a Chief Architect and his first hundred-days of an assignment at one of the large Tech Giant who is fighting for its survival and struggling its best to regain brand reputation back on its feet again.

The Biggest Challenge about the Use-Case: Teams will began their journey with a battle against time, disarray, and demotivation. It was clear that to bring the enterprise architecture team back to life, you would need to face the giants of outdated practices, lack of collaboration, and low morale.

This workshop will be imparted by TOGAF 9 certified and IBM Infrastructure System Architect professional

THE **OPEN** GROUP
TOGAF® 9 Certified

IBM Certified
Infrastructure Systems Architect

Target Audience

- CIO, CDO, CTO, CISO, and any other CXO portfolio, GM IT, VP/Director IT, Senior Managers, Business Technology Leaders, Digital and Technology Team Leaders, Business Strategy, and Service Leaders, Data Analytics and Data Science personals, Application Software Development Teams and Programmers, Customer Experience Managers, Strategic Planners, Project Managers, Business Analysts, Security Professionals, IT Consultants, System Integrators, Solution Architectures, and Technical Writers. Senior Technology and Business Leaders who want to upskill their present set of skills in the space of Enterprise Architecture.

Prerequisites:

Participants attending this course should be familiar with basic Information Technology (IT) concepts, business challenges and the role of general system wide infrastructure technologies & their applications.

The Challenge:

Large and medium-sized organizations regard the alignment of business and IT as the most important motive for working on an enterprise architecture (EA). Other important reasons for putting EA on the agenda are support for change processes and strengthening the flexibility of the company.

Unit 1 – Enterprise Architecture Foundation

- Solution Design – A methodology to follow.
- Enterprise defined and Key stakeholders in an enterprise.
- Understanding Enterprise Architecture and What is not Enterprise Architecture?
- The need for creating a distinct EA capability.
- Enterprise Architecture Objective and Benefits.
- Consequences faced by organizations not following EA practices.
- Prerequisites for developing a useful Enterprise Architecture.
- Understand the questions you want to answer with your architecture.
- Identify the purpose of your architecture & Identify your business questions first.
- Business Architecture Defined and Describe Business Framework.
- Enterprise Architecture Framework and Three major categories of EA justification.
- Enterprise Architecture Scope & Functions.
- Business requirements & Traditional Technology Limitations.
- Basic steps in developing a Business Strategy and Business Model.
- The Seven New Rules of Enterprise Architecture.
- Main Pointers for setting up Enterprise Strategy.

Unit 2 – Enterprise Architecture Management Essentials

- Enterprise Architecture Management defined.
- Understanding the Importance and Relevance of EAM in Modern Business.
- Evolution of Enterprise architecture Management.
- The Role of Enterprise Architecture in Organizational Strategy.
- The Process of Enterprise Architecture Management.
- Key Components of Enterprise Architecture.
- Tools and Technologies and How to Select the Right Tools.
- Integrating Tools within the Existing Landscape.
- Challenges and Solutions in Enterprise Architecture Management.
- Best Practices to Overcome EAM Challenges.

Unit 3 – Enterprise Architecture to Accelerate Business Transformation

- Business Resilience Strategy from Data Protection Point of View.
- Critical challenges often overlooked by business technology teams.
- Business Resilience Strategy and subsequent types of plans.
- What drives a Business Transformation – A Roadmap for Success.
- The Evolution and Delivering value with a connected EA Practices.
- Adopting a Business-driven Approach by Leveraging a Data-driven EA practices.
- Architecting a Future-proof Enterprise.
- Align EA practices to drive Business Transformation Strategy.
- Benefits of Enterprise Architecture as Strategy
- Challenges and Risks faced in setting up a EA Strategy.
- Organizational Resistance, Integrating risks with existing processes.
- Performance Metrics and Key Performance Indicators – Setting Clear Objectives, Monitoring Progress, and Continuous Improvement.
- Setting up Common Enterprise Architecture Metrics – Strategic KPIs Vs Operational KPIs.
- Case Studies and Real-world Examples – Learning from Success, Understanding Challenges, and Customized Solutions.
- Nine Cautions for EA that should be Avoided – What, Why, How.
  - Over-reliance on Complex Frameworks, Overemphasis on Models and Artifacts, Boiling the Ocean, Understand Organizational Change Complexities, Not Connecting with Business Goals, Neglecting Continuous Learning, Failing to Seek Diverse Perspectives, and Avoid Accountability.

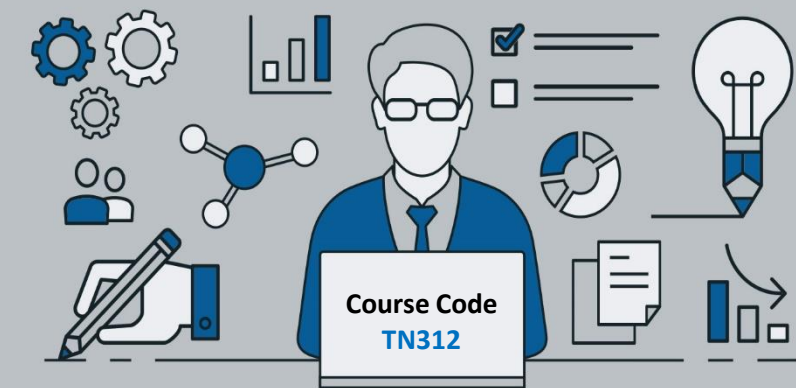## Unit 4 – Enterprise Architecture Leader – The First 100 Days

- EA Leader – The First 100 Days Use case.
- Discussing the challenges of an organization you have joined as Chief EA.
- The biggest challenge of your EA journey.
- The First Seven Days of your Job.
- What to gather as a part of your first three weeks of EA practice.
- As an outcome what needed to be done as a part of your 100 days journey.
- Team Revival, Establishing Agile Practices, Quick Wins and Demonstrating Value, Innovating Architectural Practices, and Aligning with Business Goals.
- The Outcome of the First 100 Days.
- Lessons from the first 100 days of the EA journey – People Matter, Embrace Change, Celebrate Success, and Maintaining the Momentum.
- Sample First 100-Day Plan for an Enterprise Architecture Leader: Plan Day 1 -10, Plan Day 11 -20, Plan Day 21 – 40, Plan Day 41 – 60, Plan Day 61 – 80, and Plan Day 81- 100.

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Selection of right technology needs right skills, therefore always remember that;

- Technology should be use as an enabler for solving out the complex problem.
- Address the problem first and then identify where technology can be used.
- In many cases, technology is used as the driving force to change without really solving the problem.
- Sometimes there is no problem and technology is being pushed in the wrong direction.

Course Code
TN312

Why we need to spend time to select a right trainer for our education and training program?

The importance of choosing a right trainer is another important factor behind the success of any organization who want to take this EA program to the next level in terms of meeting their defined set of targets and business goals. In a nutshell, you are building a team for tomorrow. Following piece of advice may be considered organizations should think prior selecting the right trainer for their EA program.

https://www.tlcpak.com/tn312.html

The eight most common challenges faced today by Enterprise Strategy Teams

- Lacking internal expertise & much dependency on vendors.
- Meeting aggressive timelines to fulfil last minute business demand.
- Learning to blend digital tools and hybrid teams.
- Bringing a change in culture and overall mindset.
- Fail to adopt innovative strategies and fall behind their market rivals.
- Limited technology savvy project managers.
- Lack of skilled Enterprise Architectures in local industry.
- Uncertainty about the future – "As-Is" Vs. "To-Be".

What is the value of Enterprise Architecture?

The value of enterprise architecture comes from establishing solutions to organization-wide problems. It's a role that supports businesses in becoming more agile and meeting strategic goals by working towards a cohesive, organization-wide technology landscape. It is a role that has the most overarching view of an organization's IT landscape.

In a nutshell, it helps organizations of all sizes to fully understands the core business needs and how to improve processes.

The value of enterprise architecture is best seen through improvement in data management, application development, IT infrastructure, business processes, and overall organizational impact.

Purpose of Enterprise Architecture

EA aims to align business objectives with technology capabilities to achieve strategic goals. EA provides a holistic view of an organization's structure, processes, information systems, and technology infrastructure. The primary function of EA is to ensure that all the components of the enterprise, including business strategies, business processes, data architectures, and system architectures, are integrated, secure, and efficient.

By adopting EA, businesses can improve their decision-making, increase agility, reduce operational costs, and enhance their overall performance. EA also facilitates communication between different departments, providing a common language and framework for stakeholders to understand and collaborate on complex IT projects. This approach can prevent duplication of IT systems or services that can potentially increase business costs, improve system resilience, and enhance agility. With enterprise architecture, digital transformation can be proactively and holistically led, leading to successful outcomes and fulfilling the

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desired business vision. Therefore, organizations should prioritize enterprise architecture management to stay on track & achieve their digital transformation goals.

Why education and training is an essential vehicle of your vision as a part of your Enterprise Architecture Strategy and Business Goal.

When we say strategy, it's all about having a clear vision and a right approach where business and technology leaders including planners must understand the total value and the need for continually investing into their human resources. The one great reason is the rise of emerging technologies that is causing the main disruption with an escalating demand for today's leaders and their teams for realizing and accepting the challenge and importance of upskilling and reskilling your present set of knowledge.

The continuous improvement process where leaders of today know the total value of incorporating a mechanism for educating and training their team of key stakeholders, including business executives and technology leaders, is realized because they trust that education is an important vehicle to ensure a shared understanding of the business goals and architectural concepts.

To correctly promote consistent adoption of architectural principles throughout the organization, facilitating smoother decision-making and implementation processes are now considered as another greater challenge where education plays a pivotal role. As a part of enterprise-wide strategy, organizations should look into all options with agreed KPI's in terms of demonstrating the right value and benefits of investing into their human resources. If this is something that triggers some interest in you means that this two-day workshop may play a pivotal role in demonstrating the targeted value back to your people, process and technology. This workshop is developed with a mission that you have nothing to lose, but everything to gain.

Detailed Information

Course Code : TN312
Course Duration : 2 Day Instructor-led Face-to-Face
Course Location : TLC, Customer On-site & Online.
Terms & Conditions : 100% payment in advance.
Course Deliverable : Comprehensive Student Guide and Course Certificate

For additional information, please write to us at: info@tlcpak.com