

Updated on 13/05/2024

Sign up

Team Topologies® training

2 days (14 hours)

Presentation

Our Team Topologies® training course is designed to optimize management and collaboration for every team in your organization.

Our course begins with a definition of the team topology approach. You'll discover the [benefits of](#) adopting this framework. You'll understand the importance of team structure and how to implement an effective strategy for a specific company.

You'll learn all about the different [types of teams](#) present in an IT department. This will help you determine the responsibilities of each of them within your organization.

Thanks to this Team Topologies® training course, you'll know how to use interaction techniques or dedicated platforms to optimize the Developer Experience and improve collaboration within your workforce.

With an understanding of the theory of constraints and Conway's Law, you'll strengthen the management of your development teams.

Objectives

- Understand the four types of teams and their role within an organization
- Apply interaction models to improve collaboration between teams
- Plan and manage organizational adaptation to team topologies

Target audience

- Digital project manager

- Product Owner
- DevOps
- Developer
- Software engineer

Prerequisites

Computer-related experience.

Note: Ambient IT does not own the Team Topologies® concept, which belongs to Team Topologies Ltd.

OUR TEAM TOPOLOGIES® TRAINING PROGRAM

INTRODUCTION

- Definition
- Objectives of team topologies
- The importance of team structure
- Why implement this framework?
- Fundamental principles
- Overview of implementation strategies by organization

THE FOUR TYPES OF TEAM

- Stream-aligned teams
- Enabling teams
- Platform teams
- Complicated Subsystem teams
- Practical workshop: Identifying and classifying teams within your organization

COLLABORATION BETWEEN TEAMS

- Interaction models :
 - Collaboration
 - Facilitation
 - X-as-a-Service
 - Insulation
- Good collaboration practices
- Practical work: Problem solving using different interaction models
- Case study: successes and failures of inter-team interactions

IN-HOUSE PLATFORM DESIGN

- Platforms that support workflow teams
- Best practices in platform development and maintenance
- Feedback on existing in-house platforms and their development

UNDERLYING THEORIES AND MODELS

- Theory of constraints
- Conway's law
- Discussion of structural and cultural alignment through concrete examples
- Strategies for managing team evolution

ADAPTING TO THE TOPOLOGIES® TEAM

- Assessment of your organization's specific needs and objectives
- Metrics for measuring the effectiveness of new team topologies
- Planning change and managing organizational resistance
- Conclusion and open discussion on future challenges

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire is used to check correct acquisition.

skills.

Sanction

A certificate will be issued to each trainee who completes the course.