



## NetDevOps Business Analysis

- 2 Days
- Lecture

### Course Overview

This two-day course is designed for business analysts tasked with evaluating the feasibility, costs, and benefits of implementing a NetDevOps program for network automation. While technical vocabulary will be addressed, the core focus will be on management principles, including deployment decisions, budgeting, staffing, and overall effort calculation. The goal is for participants to leave with a clear framework for forecasting manpower, effort, costs, and expected rewards associated with deploying NetDevOps in their organization. Review this course online at <https://www.alta3.com/courses/ndo-101>

### Who Should Attend

- Project Managers
- Sr. Management
- Business Analysts
- CIO
- Technical Team Leads

### What You'll Learn

- Analyze MDD effort for your organization
- Calculate budget requirements
- Estimate timelines
- Calculate risk vs reward

### Outline

#### Introduction to NetDevOps

- 🗣️ Lecture: NetDevOps: Network Management for the Agile Era
- 🗣️ Lecture: Understanding NetDevOps: Source of Truth
- 🗣️ Lecture: Overview of NetDevOps Processes
- 🗣️ Lecture: Benefits of adopting NetDevOps



#### NetDevOps Essentials

- 🗣️ Lecture: NetDevOps Essential Tools
- 🗣️ Lecture: The NetDevOps Pipeline



#### Ansible

- 🗣️ Lecture: Introduction to Ansible
- 🖥️ Lecture + Lab: Installing Ansible
- 🗣️ Lecture: Static Inventory
- 🖥️ Lecture + Lab: Ansible Host Inventory





## NetBox

-  Lecture + Lab: Introduction to Netbox
-  Lecture + Lab: Setting up your Organization








## Cisco Modeling Labs

-  Lecture: Introduction to Cisco Modeling Labs (CML)
-  Lecture + Lab: CML Manual Topography

## Integrating NetDevOps Tools

-  Lecture + Lab: CML Dynamic Inventory
-  Lecture + Lab: Building CML Lab with Ansible
-  Lecture + Lab: Converting Netbox Config to CML Topology
-  Lecture + Lab: CML Facts Ansible Modules

## Planning Your NetDevOps Implementation

-  Lecture: Identifying Potential Risks and Challenges
-  Lecture: Setting Goals and Defining Scope
-  Lecture + Lab: Estimating Staffing Needs for NetDevOps Transition and Ongoing Operations
-  Lecture + Lab: Assessing Training and Upskilling Effort
-  Lecture + Lab: Create the business plan for implementing NetDevOps
-  Lecture + Lab: Budget Considerations for NetDevOps
-  Lecture + Lab: Estimating a NetDevOps Transition Timeline

## Prerequisites