

GNED-103: Discovery & Integrations

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Course Overview

The netTerrain Discovery & Integrations certification is designed to validate the skill set in automated network and data center documentation using the netTerrain Integration Toolkit and collector tools in conjunction with netTerrain Logical and DCIM.

The duration of this course is 2 days.

Assumptions

It's assumed that students will not open netTerrain for the first time in their lives. We expect you to already know how to work with netTerrain objects, diagrams and DCIM entities before diving into the topics at hand.

Course Materials

For training at Graphical Networks facilities we provide all necessary materials. For on-site training Graphical Networks may request students to bring a laptop. In addition, on-site training requires a room equipped with a large monitor or space for a projector as well as internet connection.

Resources

This course gets some inspiration from the following guides:

- [netTerrain_Integration_Toolkit_Guide_8.1](#)

In addition, we will use an exercise guide for problem solving and reinforcement purposes.

Course Syllabus

Day	Chapter Title	Topic	
1	Introduction to the ITK		
		Built-in device connectors	Drop-ins
			Discovery
			Reconciliation
			Automated synchronization
			Analyzing Logs
		Custom connectors	Proxy and direct database connectivity
			Creating custom device connectors
			Creating custom node and link connectors
		2	SNMP Discovery
Configuring SNMP discovery			
Device mapping			
Discovery and reconciliation			
Custom MIBS			
API-based connectors and collector discovery	Introduction to the collector		
	Configuring MIBs in netTerrain		
	Collector configuration		
	API-based connectors		
	Synchronizing with netTerrain		