Emerging Technologies Workshop: Model Driven Programmability

The student has successfully achieved student level credential for completing the Emerging Technologies Workshop: Model Driven Programmability, administered by the undersigned instructor. The student was able to proficiently:

- Explain the concept of APIs and the importance of RESTful APIs for software integration.
- Explain how network programmability enhances network management and automation.
- Explain the advantages of using model based device APIs, compared with a traditional CLI based approach for network automation.

- Explain how YANG device models define the structure, syntax and validation rules for device data.
- Interact with networking devices using RESTCONF and NETCONF API interfaces.
- Use Python with combination of RESTCONF and NETCONF APIs to retrieve and update the device's configuration.

Pieter VAN KEER

Student

HOGENT Cisco Academy

Academy Name

Belgium

Location

24 Mar 2021

Date

Laura Quintana

Laura Quintana
VP & General Manager, Cisco Networking Academy