Advanced Python for network engineers Training

Duration: **5 Day**

BILGINC IT Academy
info@bilginc.com
+44 20 3807 0925
+90 212 282 7700

Overview

This course caters to network engineers aiming to enhance both their Python proficiency and network automation skills. Delving deeper into key areas such as netmiko, Nornir, and ncclient, we also focus on automating network testing and validation. Participants gain greater confidence working with Python functions, classes, objects, and error handling. The course additionally introduces more libraries like Scrapli, TTP, pyATS, Genie, pybatfish, and Suzieq, which cover parsing strategies, automation testing, validation, network analysis, observability, and telemetry. The curriculum also encompasses concurrency techniques. Save time automating network tasks with python. Postman, automating validation, automating testing.

Prerequisites

There are no formal prerequisite courses, however delegates are advised to know all of the knowledge in our Python for network engineers.

What You Will Learn

What will you learn

- Write Python modules and functions.
- Evaluate techniques to parse unstructured data.
- Use NETCONF filters.
- Handle Python errors effectively (try, assert...).
- Use postman.
- Automate testing and validation of the network.
- Use scrapli, Genie, batfish and Suzieq.