

Zero Trust Network Access (ZTNA)

Course outline

- What are the features of Zero Trust Network Access
- Problems with the current network and security model
- The changed environment: BYOD, working from home (or anywhere)
- North-south opposed to east-west traffic
- How to implement ZTNA
- The future of the internet: Named Data Networking (NDN)
- What is CARTA and why do I need it?
- The features of CARTA: the 7 imperatives of CARTA
- Relationship CARTA and UEBA (User and Entity Behavior Analytics)
- AI/ML and IT security
- What is SDP and how does it work?
- SDP architecture
- VPN versus SDP
- Single Packet Authorization
- Static and dynamic firewalls
- The advantages of SDP
- What is micro-segmentation and how does it work
- Vendors SDP and micro-segmentation