

Defense in Depth

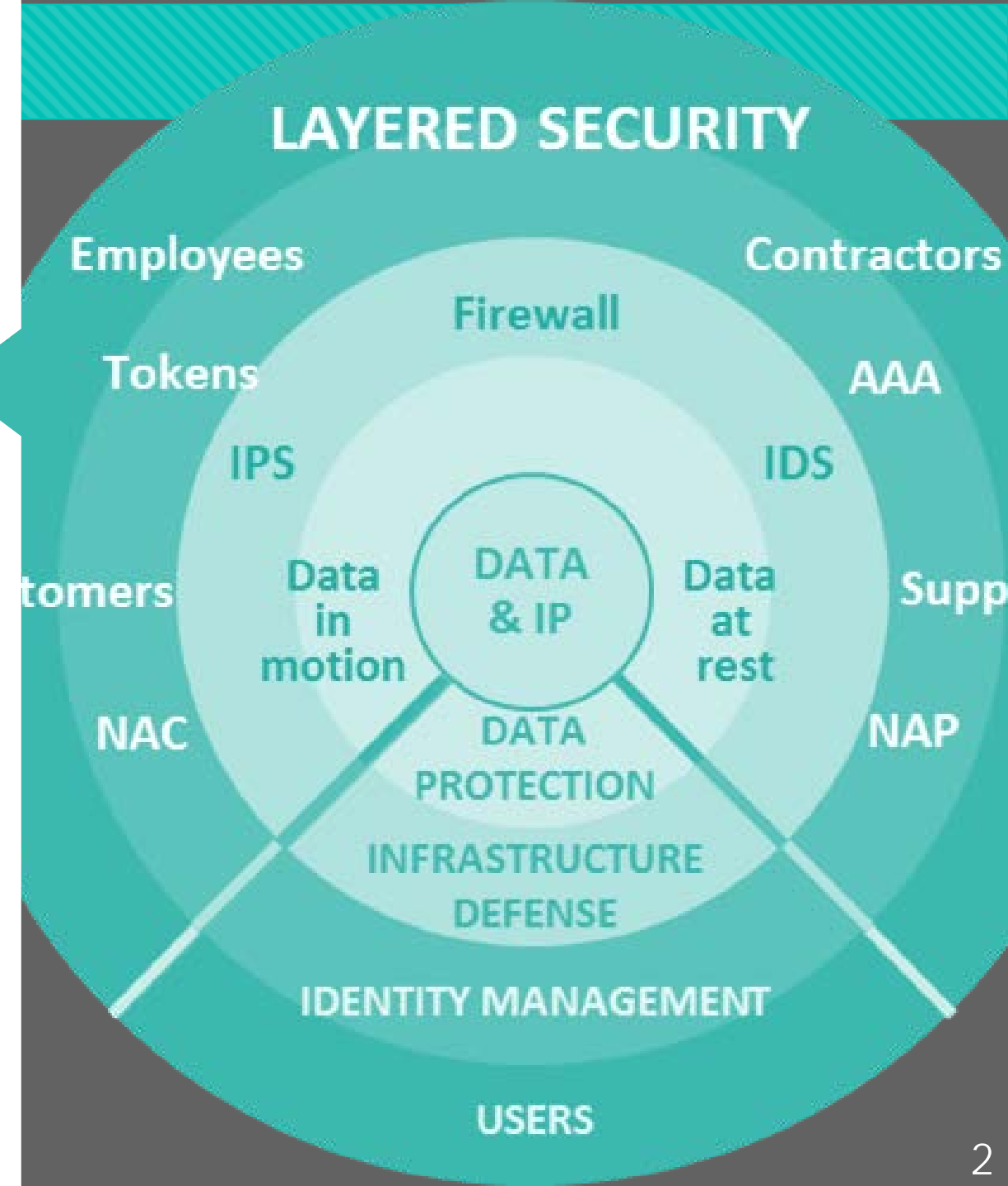
Layered Defense or Onion Defense

Dr. Shahzada Khurram

Defense in Depth

Also called Layered Defense or Onion Defense.

- We implement multiple overlapping security controls to protect an asset.
- This applies both to physical and logical controls.
 - To get to a server you may have to go through multiple locked doors, security guards, man traps.
 - To get to data you may need to get past firewalls, routers, switches, the server, and the applications security.
 - Each step may have multiple security controls.
- No single security control secures an asset.
- By implementing Defense in Depth you improve your organization's Confidentiality, Integrity and Availability.





Thank you