William Frado 07/14/2005

Enterprise Detwork Acceptage. Authentication Protocols Every beginning. YTB - Oarth-all about permissions. - Open ID connect - authentication - Radius. remote authentication Radius + Admin-identification Ditatase Kerberos Authentication. MS AD Avthorization -"credutials" Accounting passwords 8PS Cocation MS AD = Microsoft Active Directory Biometrics MS ÆVTE/Ad [Juternal Now 1 971 Tederation Twitter Istagram resources "services" Tick Tox Protocols: SAML, Cauty Open ID, Radius. VIB-What is SAMLZ A comprehensive 580-single Sign on.

William Frado

S-8018/11/10

William Frado Willian Prado 07/14/2025 07/14/3035 Enterprise Network Architecture. Professor negget Network jufrastructure Concepts. Comptit Sect SDN = software define network. 1 Data plane 2 lantral plane tragmentation Itry or IPV6 RIP, DSPF, ISSS Passwords ACCOUNTING (3) management "administer" "configure" Bremarics MS tEUTE/Ad JTB-Network Segmentation? 00000 VLAN 00000 YTB-Vuderstand security zones NAT + More Explained Honeypots, buest Notwork Guest wifi

William Prado William Franco 07/14/2025 07/14/2025 Security Zone What are security zone? attack surface is all the points at which a threat actor could gain access to hosts & services. I An 50N Network segmentation Security Zone Screened subnet mv/7; - Home subnet wireless network grest network Ad-HOC net EAP" -> · Token Port sevrity - Comp TA Security + Faraday bay

AND- Acceptable USE Policy Active control-require hosts to be configured SPAN- port mirror

TAP- Test Access Port- device attached to special port on switches

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Network Security Appliances
"security Control"/"Counter measure"
Defense-in-depth
Agent based us Agentless
TAP us SPAN Filter Stateless one packet Stateful multiple packets Host VS Network Layer 4 < TCP Layer 7 < ex. HTTP/HTTPS

DRASE -> My SQL, Oracle, Ms SQL Special type Layer & Frewall Load Balances "Proxy-server" Il round-robin D weight App-specific - natting - filtering - Jacusnas Chyter Active - ACTIVE Active-passive IDS, IPS WAF- web Application Firewall NIDS, NIPS HIDS, HITS NGFW tracks the state of traffic based on layers UTM-many types of security. All in one security appliance.

advort willing

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