



NAC WITH PACKETFENCE

This solution provides a centralised, platform-independent network access control system that protects networks from unauthorised devices and ensures compliance-compliant access management. PacketFence is a proven open-source NAC platform with extensive features for network segmentation, device onboarding, BYOD handling and integration with existing directory services.

KEY FEATURES

- Agentless NAC system with web-based captive portal
- Support for 802.1X, MAC Authentication Bypass (MAB)
- VLAN management, quarantine and dynamic assignment
- BYOD and guest portal with self-registration
- Integration into existing directory services (AD, LDAP, RADIUS)
- Policy enforcement by device type, user role or security status
- Central management via web GUI and CLI
- Compliance reporting & auditing

SERVICE DESCRIPTION

- Architectural planning & design of a scalable PacketFence environment
- Installation & configuration (standalone or cluster)
- Integration with existing switches, WLAN controllers and firewalls
- Connection to Active Directory / LDAP / RADIUS
- Setup of captive portal, BYOD handling and guest access
- Definition of network policies, VLAN mapping and quarantine zones
- Performing a functional test (e.g. unauthorised devices, BYOD, role changes)
- Training & documentation for admin teams