

WNAM , . RADIUS, 802.1X TACACS+ , . () WNAM , (NAC).

WNAM

- , TCP/IP, , nginx, systemd- WNAM, WNAM
- -, , , API
- :

```
systemctl restart wnam
```

WNAM :

- WNAM (Java JDK, nginx, WNAM, MongoDB/PostgreSQL)
- WNAM ()
- Windows , (PEAP-)
- Windows (,) (EAP-TLS)
- 802.1X, MAB-, TACACS+
- , WPA2-Enterprise
- - ,
- -

, -, . , - : DHCP, DNS, NAT, , WNAM. , WNAM, .

WNAM RADIUS, : , , RADIUS-. "Network Access Server", NAS, " ".

RADIUS- - , RADIUS-, Cisco ISE, FreeRADIUS MS NPS. , IP- WNAM, (WNAM secret).

, WNAM. " - ". (: "LAN Switch"), IP , .

SNMP

, , MAB-, SNMP. SNMP v2c/v3, , , . , .

DHCP-

MAB- DHCP-, .

WNAM Windows-. , , , EAP/PEAP . (,.. WNAM MS AD, FreeIPA) - ADCTool, WNAM, . , WNAM . , . , Domain Admins . , , , .

802.1X TLS- : , [RFC 3579](#). , WNAM . (: ,), PKI (, Microsoft Certification Authority). () WNAM, . .

WNAM RADIUS . , (SSID, , , ..). . , - "".

- . RADIUS-, .

PAP

PAP

802.1 - (PEAP)

802.1 - (PEAP)

802.1 (EAP-TLS)

802.1 (EAP-Chaining)

ACL, dADL, RADIUS-

""

SIEM-

BYOD

- , :
- , BYOD
 - PKI, WNAM
 - : NDES
 - WNAM NDES (- -
 - (-) CA SCEP
 - ,
 - , EAP-TLS

(TACACS+)

WNAM UI, ,

" - " "" "" "" "" , .

, "" . . .

, , " UI Active Directory". , WNAM c, .

WNAM