

, . . . , - , HTTP- Wi-Fi . . :

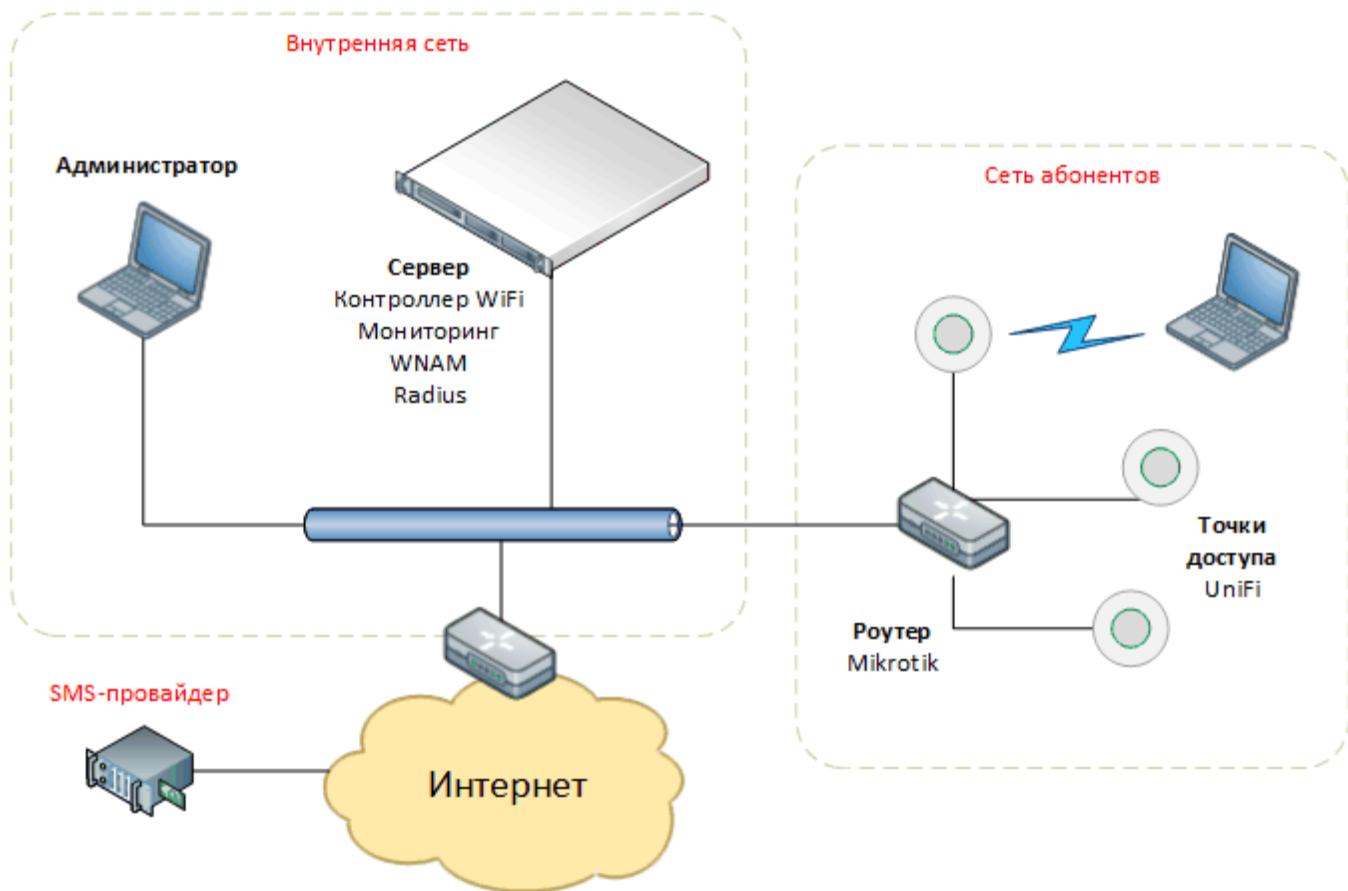
- , (hotspot/wispr/external captive portal ..): Cisco WLC, Huawei, Ruckus, Bluesocket vWLC, Ruckus, Zyxel NXC, Aruba, UniFi, HP MSM ..;
- " " OpenWrt/dd-wrt CoovaChilli;
- hotspot, : Mikrotik (hAP, CCR, CHR, RBxxx ..);
- pfSense (FreeBSD) Captive Portal;
- - BRAS, Cisco 7200, Cisco ASR, Alcatel-Lucent SR7750, Juniper MX, RDP.RU ().



- (, .). - , . . , . . , . .

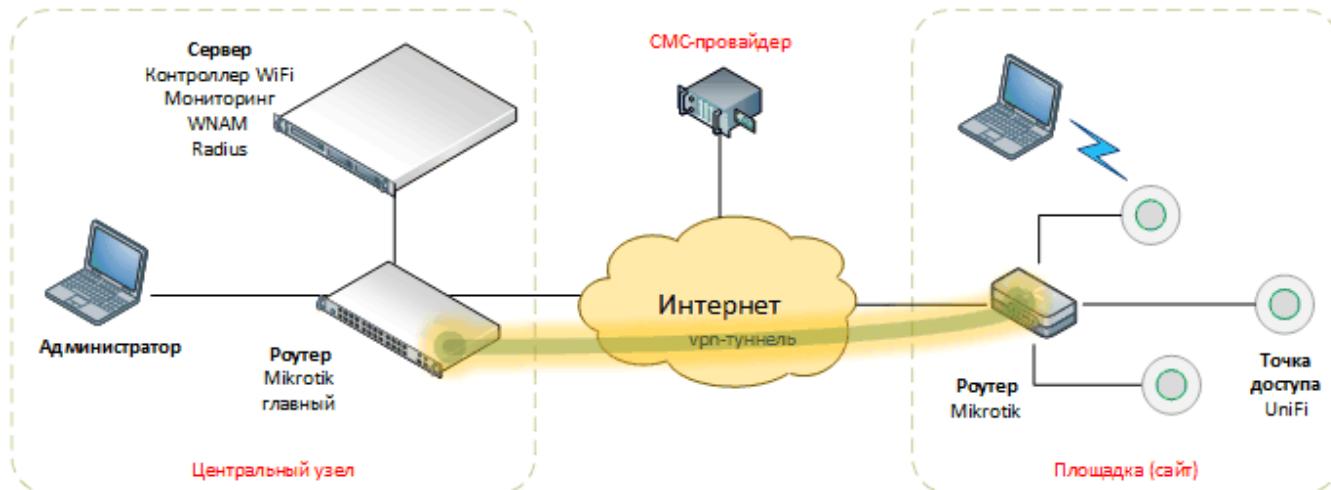
, () . . , VLAN.

Ubiquiti UniFi (), / Mikrotik.



- - - - (SMSC, Websms.By, smtraffic, .., USB GSM (gammu), Mikrotik USB SMPP kannel), , , , Asterisk.

, , Mikrotik. " " " WNAM (:). - (), () VPN (OpenVPN, VPLS, VLAN ..).



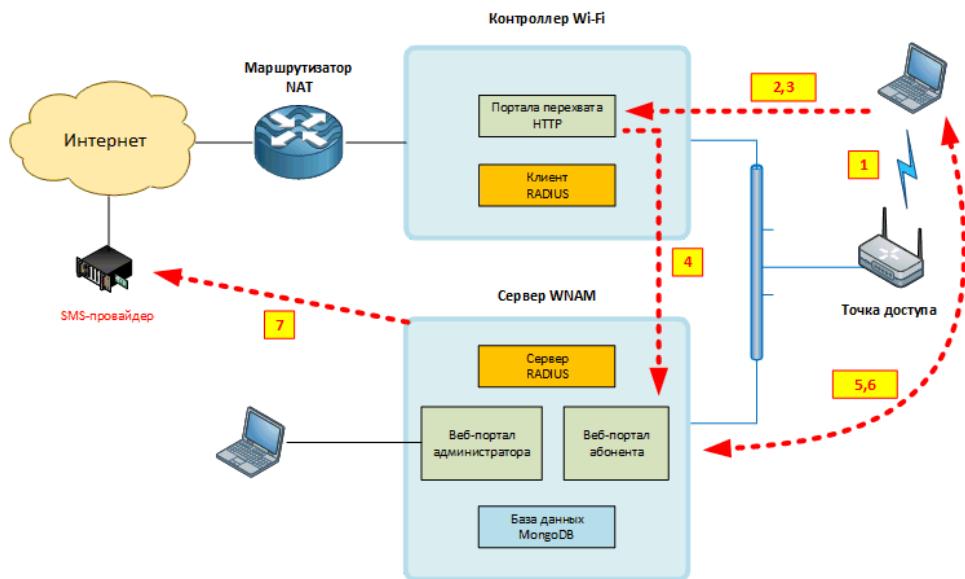
MikroTik (HotSpot).

! WNAM / , . . , IP- (DHCP), DNS, , (NAT). " " WNAM .

: WNAM (), WNAM (RADIUS-), HotSpot .

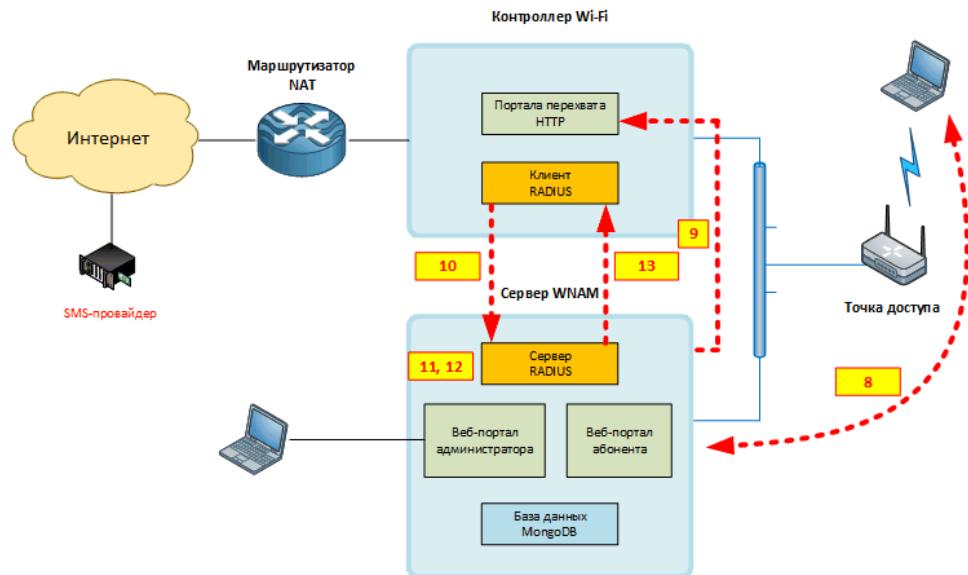
, , , , , , , " "

1. (,) (), UniFi -, IP- (DHCP).
2. - ().
3. (HotSpot) " " ".
4. HotSpot (, rlogin.html Mikrotik). () , WNAM. -- - .
5. WNAM -, - .
6. .
7. WNAM (4 6-) , - . . - - , .



8. .
9. WNAM (HTTP redirect) HotSpot , .
10. HotSpot - RADIUS- WNAM.
11. RADIUS-, WNAM, (MAC- , , IP- ..).
12. WNAM , () - ().

13. RADIUS-



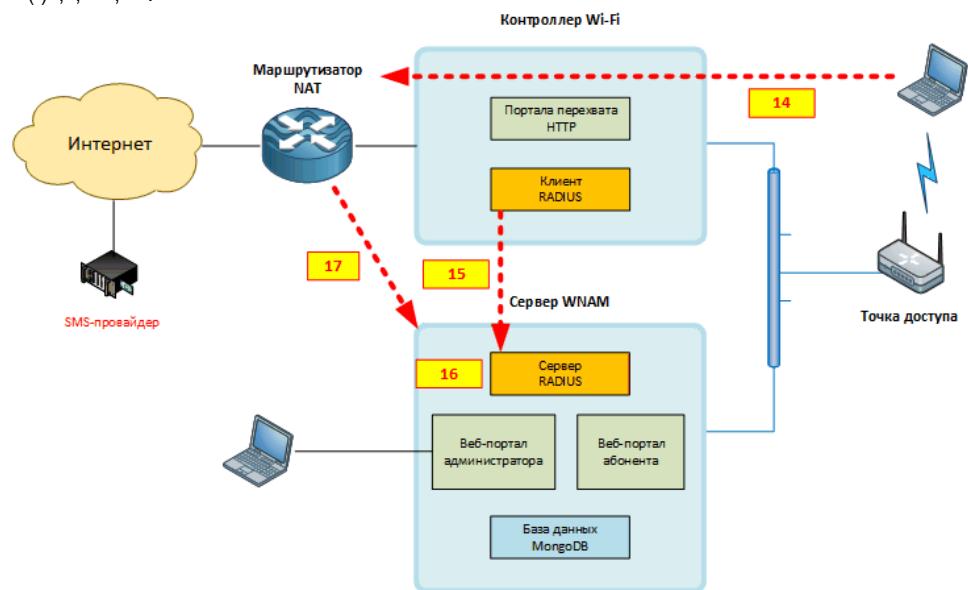
14. HotSpot , Internet.

15. RADIUS- (Accounting-Start).

16. RADIUS- WNAM . , WNAM .

17. WNAM,

18. (-) , , .



(-), , SIM- . (" " " " " "), (180). , , , (-c) .

- , WNAM . . - (.. " MAC-"), WNAM . , . WNAM.

WNAM . , () . , , HTTP- . WNAM.

, WNAM . . , , .

Список пользователей (3)

MAC	Телефон	DHCP-идентификатор	Число сессий
14:D6:4D:AC:32:A0	792: [REDACTED]	iPhoneyrchellos	6
88:32:9B:2B:AA:5C	792: [REDACTED]	Windows-Phone	1
38:AA:3C:6B:DC:25	792: [REDACTED]	android-a1d377809d5d233	3

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