

Wi-Fi (SoftWLC)

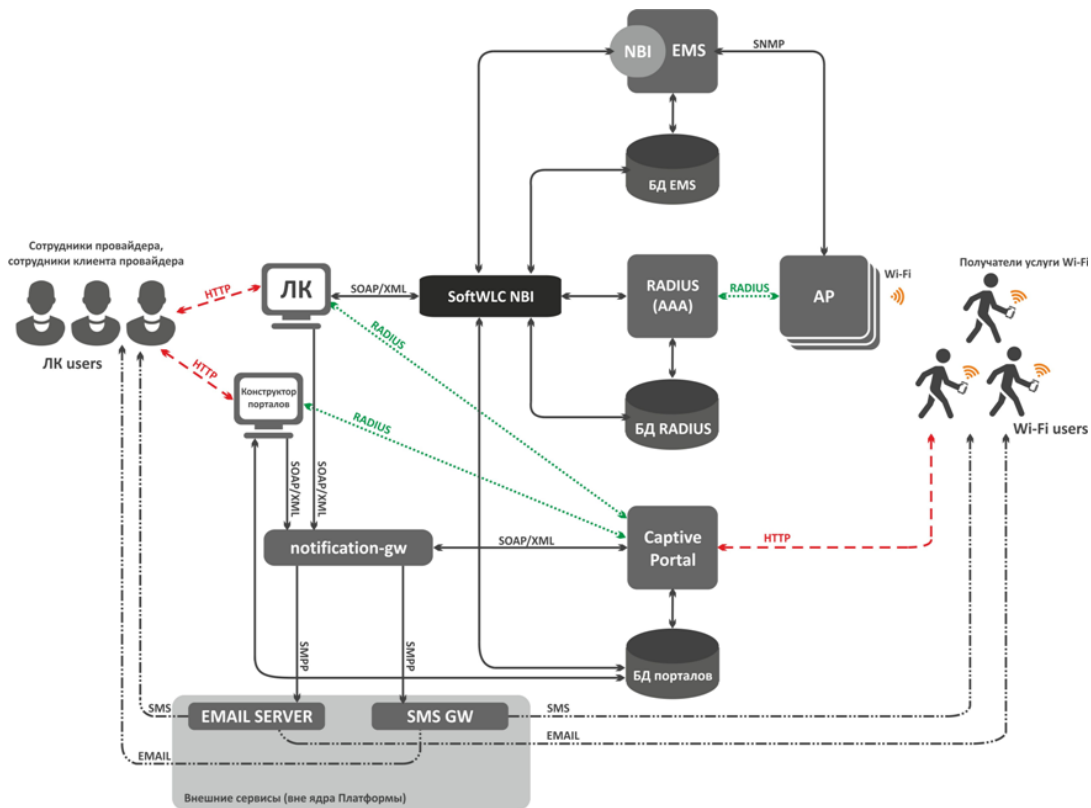
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- SoftWLC
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- SoftWLC

SoftWLC - Wi-Fi, Wi-Fi Enterprise.

SoftWLC:

- Eltex, Wi-Fi.
- SoftWLC
- Hotspot, :
-
- Enterprise
- Active Directory
- WEB-,
- SSID

SoftWLC

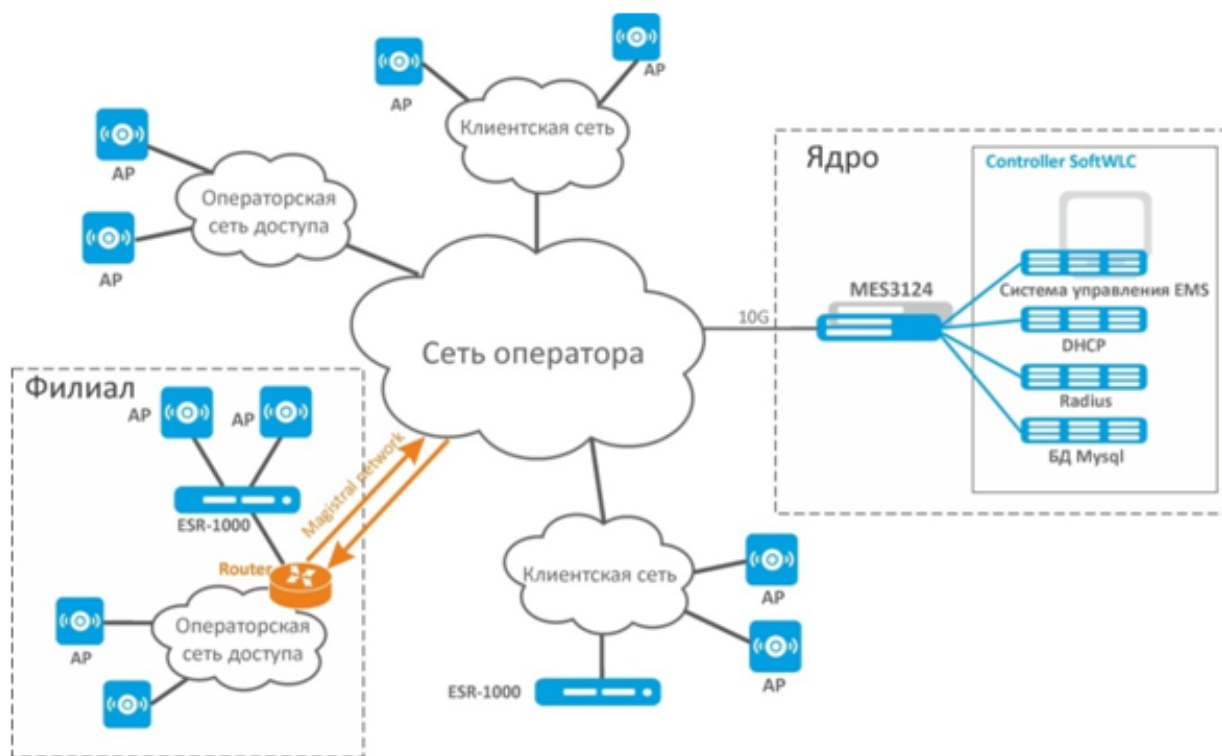


- **EMS** – SoftWLC, GUI SoftWLC, NBI- OSS.
- **WEB** – WEB- tomcat6, WEB- hotspot-, WEB- SMS-, Wi-Fi .
- **B2B** – WEB, Wi-Fi, SSID.
- **Database** – SoftWLC, Mysql.
- **RADIUS** – (Authentication, Authorization, Accounting), freeRADIUS.
- **DHCP** – IP-c Wi-Fi. isc-dhcp-server. DHCP.
- **APB** – Hotspot .

- **Auth Service** - . RADIUS-. : B2B WEB .
- **Notification Gateway** - , SMS Email. B2B, WEB .
- **PCRF** - SoftWLC ESR-1000 BRAS, ESR-1000 Wi-Fi .



: , . SoftWLC . L3-. . Management SoftWLC VLAN . VLAN (SSID VLAN) .



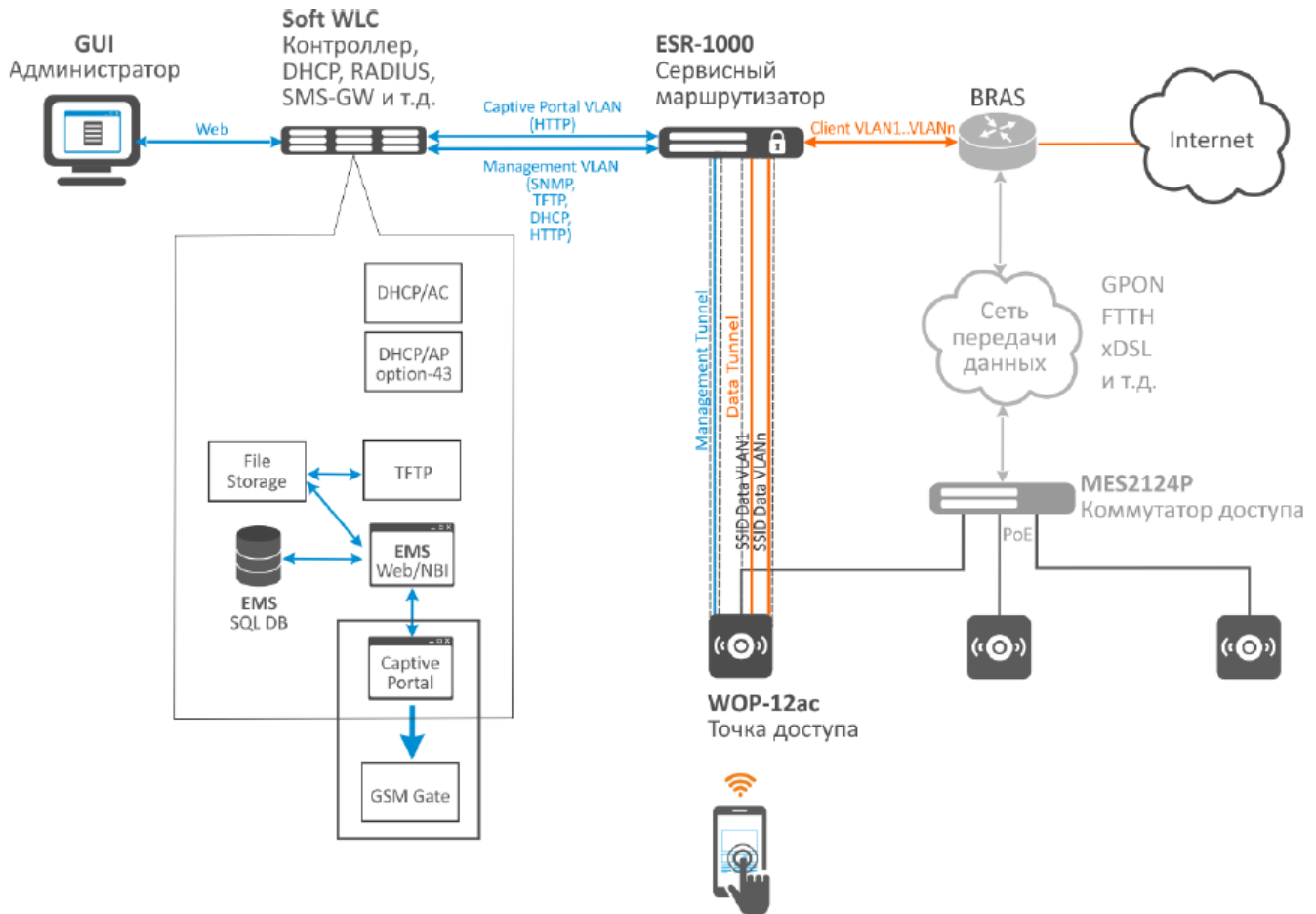
, . SoftWLC . 10: EMS, WEB APB, - Database, - RADIUS, - DHCP. front-end . , , , . , ESR-1000 .

ESR-1000.

ESR-1000 :

- (L2 over GRE) ESR-1000 . , «access» L2-.
- ESR-1000 firewall.
- NAT ().
- VRF.

Soft-GRE ESR-1000, SoftWLC.
 ESR-1000 SoftGRE- L3- : Management- Data- .
 Management- . L3-, GRE- Data- . ESR-1000 (NAT).



SoftWLC

SoftWLC Ubuntu Server 18.04 LTS Ubuntu Server 16.04 LTS

Ubuntu Server 18.04 LTS Ubuntu Server 16.04 LTS

(VM):

	VM	CPU core, Xeon	RAM, Gb	HDD, Gb
10 200	SoftWLC	4, 64-bit x86 CPUs	8	200
200 500	SoftWLC	4, 64-bit x86 CPUs	16	200
500 1000	SoftWLC	6, 64-bit x86 CPUs	12	200
	DataBase	4, 64-bit x86 CPUs	16	200
1 . 2 .	EMS	6, 64-bit x86 CPUs	14	200
	RADIUS	4, 64-bit x86 CPUs	6	100
	WEB-Portal	4, 64-bit x86 CPUs	8	40
	MySQL	4, 64-bit x86 CPUs	24	500
	MongoDB	4, 64-bit x86 CPUs	10	200