

Wi-Fi (SoftWLC)

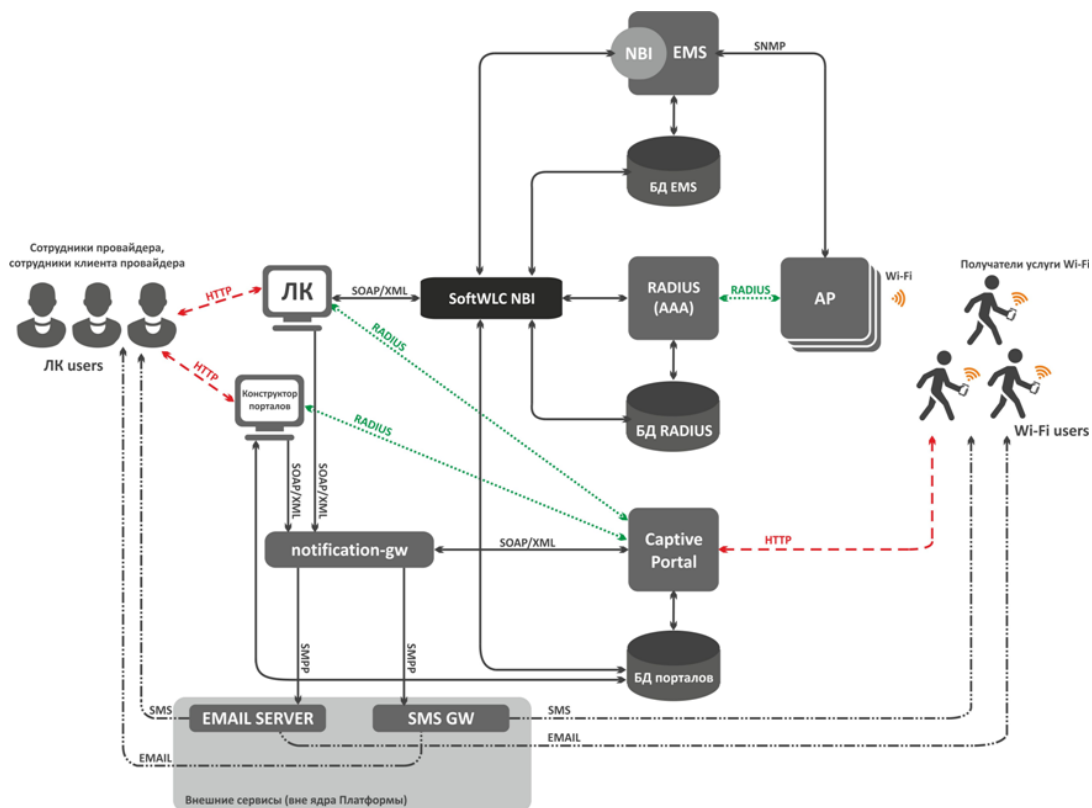
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- SoftWLC
-
- SoftWLC

SoftWLC - Wi-Fi, , Wi-Fi Enterprise .

SoftWLC:

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

SoftWLC

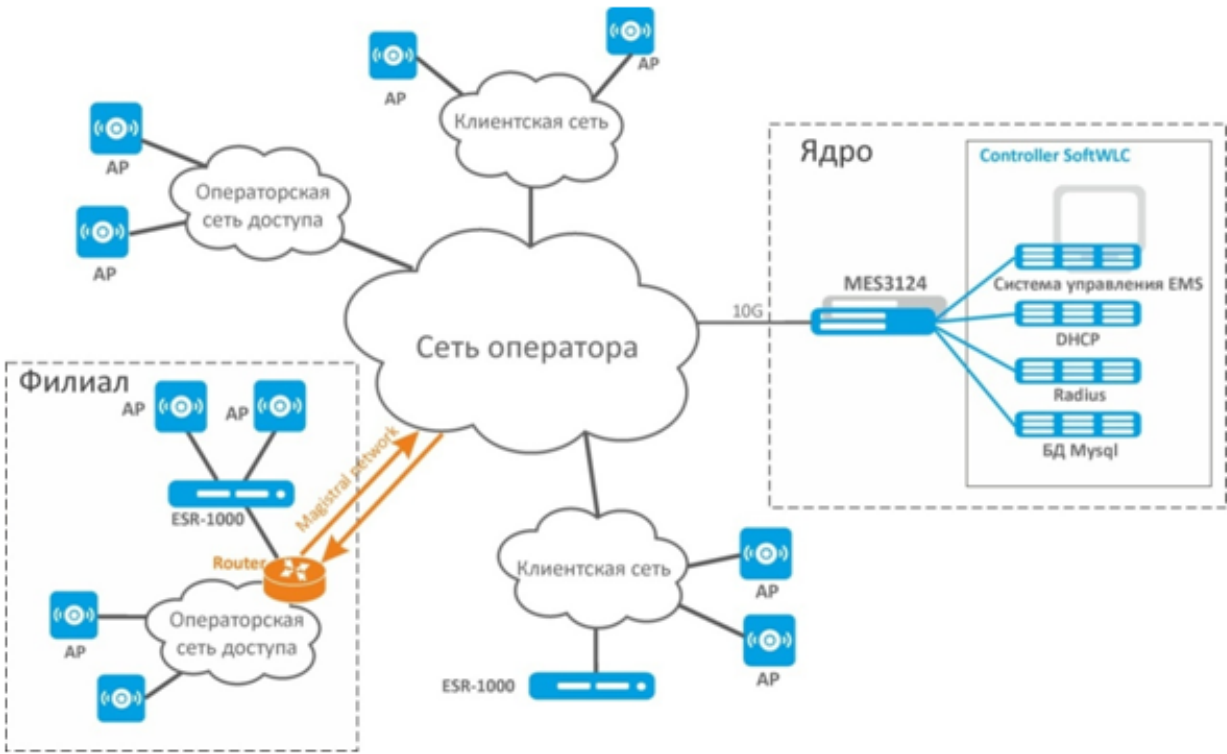


- EMS- – SoftWL, , GUI SoftWLC, NBI- OSS .
- WEB – , WEB- tomcat6, WEB- hotspot-, . WEB- SMS-, Wi-Fi .
- B2B – WEB, Wi-Fi , SSID.
- Database – SoftWLC, Mysql. :
- RADIUS- – , - (Authentication, Authorization, Accounting), freeRADIUS.
- DHCP- – IP-c Wi-Fi . isc-dhcp-server. DHCP .
- APB- – , Hotspot .

- **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.

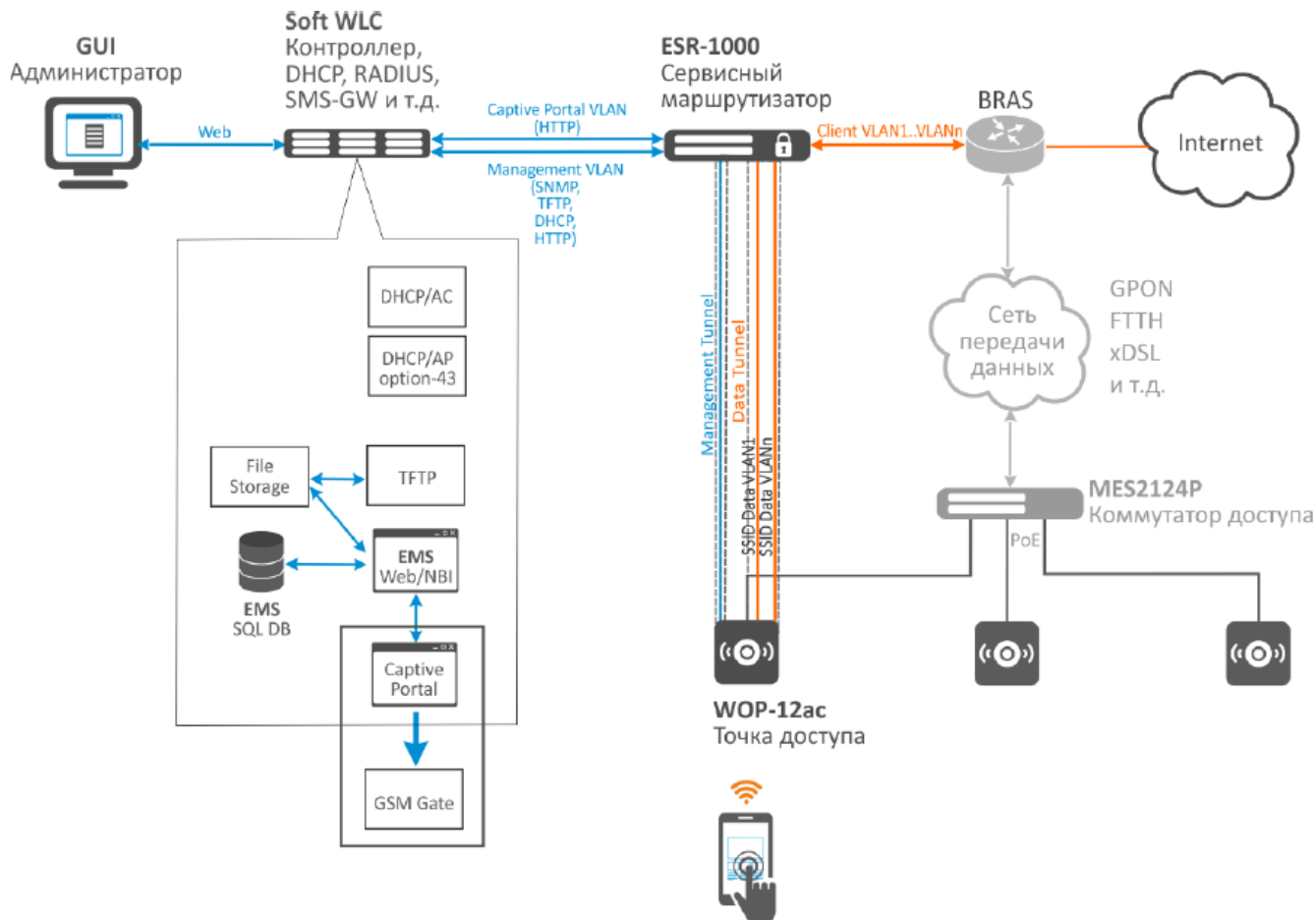
ESR-1000 :

- .
- (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 20.04 LTS / Ubuntu Server 22.04 LTS / Astra Linux Common Edition 2.12.45 / Astra Linux Special Edition 1.7.4 (,)

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(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