v1.13_Datasheet SoftWLC

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

SoftWLC

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- : , ,
-
-
- , ,
-
- Wi-Fi, : SMS, SMS, , , ,
- . ,
-
-
- , ,
- (Enterprise) . /, (TLS)
- "" ,
-
- , B2B
- (B2B), Wi-Fi
- (B2B), ,
- (Northbound) , OSS OSS B2B-

SoftWLC

- **EMS-**
  -
  - SNMP-
  - ;
  -
  -
  - ,
  -
  - , (RRD)
- **WEB**
  - , WEB- Hotspot-
  -
  - , Hotspot-
- **B2B**
  - Wi-Fi
- **Database**
  - Mysql
  - MongoDB
- **RADIUS-**
  -
  - WPA-enterprise
- **DHCP-**
  - () IP- 43 (11 12) , GRE ESR
  - (management,) IP- 43 (10 13) ,
  - IP- Wi-Fi ,
  - DHCP 82, 60 giAddrField
- **APB-**
  - , WEB-
  -
- **Auth Service**
  -
    - B2B
    -
- **Notification Gateway**
  - (SMS-, Call-) SMTP, SMPP, HTTP, WebSocket
- **PCRF**
  - , Wi-Fi , BRAS (,)
  -
  - Wi-Fi
  - Wi-Fi , WPA-enterprise BRAS
- **NBI**
  - SoftWLC SOAP
  -
    -
    -
    - PCRF

- TLS

, SoftWLC:

-
  - SNMP
  - ICMP
-
  - Eltex
  - EAP (WPA2- enteprsire) RADIUS
  - (BRAS +PCRF)
-
  - Eltex
-
  - SMS-
    - SMSC
    -
    -
    -
    - SevenSky
    - GSM (NetPing SMS)
  - Active Directory
  - Hot WiFi
  -

() :

- EAP (WPA2)
  - IEEE 802.11i (Wi-Fi Protected Access II,)
  - AES ( )
  - RFC 3748
- SNMP
  - IETF, TCP/IP
  - RFC 1157
- ICMP
  - (STD 5)
  - RFC 792
- Radius
  - RFC 2866 RADIUS AccountingL
- RRM
  - IEEE 802.11h -
  - IEEE 802.11k - RRM
- SMTP
  - RFC 5321
- HTTP
  - RFC 2616
- WebSocket
  - RFC 6455
- IEEE 802.11r

SoftWLC

- **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

2,5

4 , DDR3

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java jre 1.8 ( )

Chrome Frirefox ( )