

v1.16_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- enterprise) 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
19201080
, 10 /
,
java jre 1.8 ()
Chrome Firefox ()