verifone

Interfaces Parameters

Note

The following parameters are not configurable using SET_PARM command. Refer to Parameters Not Configurable with SET_PARM for more details on the list parameters.

Parameters for GPRS Interface

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
INTERFACETIMEOUT	This parameter allows to configure the maximum time that a connection should be attempted on a particular interface. Typically, the overall connection timeout (set by “CONNECTTIMEOUT”) is distributed over the various interfaces configured. For example, if the environment includes Ethernet, WiFi and GPRS, then the connection timeout would be overall value of all interfaces. Hence, it is important to set the Interface timeouts, to be in sync with the overall connect timeout.	Numeric. Set in milliseconds. For example - 20000, indicating 20 seconds. 20000 is the recommended value for WiFi. **NOTE:** This parameter has underscore (_) at the end.	30000	timeout
PRIMARYGPRSAPN, SECONDARYGPRSAPN (For Secondary Interface)	Name of the access point.	Alphanumeric, 100 (String)	[empty]	apn
PRIMARYGPRSSIMSLOT, SECONDARYGPRSSIMSLOT (For Secondary Interface)	Primary and secondary GPRS SIM slot to use.	Numeric, 1 • 0 - Currently active SIM slot. • 1 - First SIM slot • 2 - Second SIM slot	0	sim_slot

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
PRIMARYGPRSRESTARTNETWORKONFAIL, SECONDARYGPRSRESTARTNETWORKONFAIL (For Secondary Interface)	Resets the primary and secondary GPRS network if a host connection fails.	0 or 1	0, however the recommended value is 1.	RESTART_NETWORK_ON_HOST_FAILURE
PRIMARYGPRSSTARTUPMODE, SECONDARYGPRSSTARTUPMODE (For Secondary Interface)	Defines the network start up behavior.	Alphabetic, 100 • AUTO (network is brought up automatically on every system start) • ON-DEMAND (network is brought up only if the application demands it)	AUTO	startup_mode
PRIMARYGPRSAUTHENTICATION, SECONDARYGPRSAUTHENTICATION (For Secondary Interface)	Primary and secondary GPRS authentication mode. **NOTE:** CHAP_PAP is note supported for VOS2.	Alphabetic, 100 • none • CHAP • PAP • CHAP_PAP	[empty]	authentication
PRIMARYGPRSUSERNAME, SECONDARYGPRSUSERNAME (For Secondary Interface)	Primary and secondary GPRS username, required for authentication.	Alphanumeric, 100 (String)	[empty]	username

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
PRIMARYGPRSPASSWORD, SECONDARYGPRSPASSWORD (For Secondary Interface)	Primary and secondary GPRS password, required for authentication.	Alphanumeric, 100 (String)	[empty]	password
PRIMARYGPRSROAMINGMODE, SECONDARYGPRSROAMINGMODE (For Secondary Interface)	Primary and secondary GPRS roaming mode. 0 = auto, 1 = manual. **NOTE:** For manual mode, MCCMNC must be set to specify the desired network operator.	Alphabetic, 100 (Integer)	[empty]	mode
PRIMARYGPRSMCCMNC, SECONDARYGPRSMCCMNC (For Secondary Interface)	Desired network operator to connect with. **NOTE:** This is mandatory if MODE is set to 1.	Alphanumeric, 100 (Integer)	[empty]	mccmnc
PRIMINTERFACETYPE, SECINTERFACETYPE (For Secondary Interface), TERINTERFACETYPE (For Tertiary Interface)	Type of the network profile. Type refers to the mandatory profile properties. Primary, secondary and tertiary interface type.	• lan • wlan • gprs • preconfigured	User defined	type
PRIMINTERFACEDEVICENAME, SECINTERFACEDEVICENAME (For Secondary Interface), TERINTERFACEDEVICENAME (For Tertiary Interface)	Defined symbol for the network interface. Primary, secondary and tertiary interface device name.	• ETH0 • WLAN0 • GPRS0 • USB0 • BT_PAN	User defined	device_name

Parameters for LAN Interface

Note

- For Com Control Panel (CCP), the below list of common network profile related parameters with '_1' will go to the eth0 (LAN) and with '_2' will go to the wlan0 (WLAN) profile based on the current implementation: DHCP_ENABLED, DNS_1, DNS_2, GATEWAY, IP_ADDRESS and NETMASK.
- As of this publication, eth0 and wlan0 profiles are only supported. For CCP, to configure WiFi, it is recommended to use primary WiFi configuration parameters.
- Few parameters from Interfaces/LAN Parameters, are not configurable using SET_PARM command. Refer to Parameters Not Configurable with SET_PARM for more details on the list parameters.

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
PRIMINTERFACETYPE, SECINTERFACETYPE (For Secondary Interface), TERINTERFACETYPE (For Tertiary Interface)	Type of the network profile. Type refers to the mandatory profile properties. Primary, secondary and tertiary interface type.	• lan • wlan • gprs • preconfigured	User defined	type

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
PRIMINTERFACEDEVICENAME, SECINTERFACEDEVICENAME (For Secondary Interface), TERINTERFACEDEVICENAME (For Tertiary Interface)	Defined symbol for the network interface. Primary, secondary and tertiary interface device name. **NOTE:** If the interface device name is set to BT_PAN value, then the following parameters should be set as below: • Primary, secondary and tertiary interface type should be set to LAN. • BTPAIRMODE parameter should be enabled. • IDLEQRINFO parameter value should not be set as 0. • IDLEQRTO parameter minimum value should be set as 60.	• ETH0 • WLAN0 • GPRS0 • USB0 • BT_PAN	User defined	device_name

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
STARTUP_MODE	Defines the network's start-up behavior.	• AUTO - Network is brought up automatically on every system start. • ON-DEMAND - Network is brought up only if the application demands it.	AUTO	STARTUP_MODE
START_NETWORK_1 (For Primary Interface), START_NETWORK_2 (For Secondary Interface), START_NETWORK_3 (For Tertiary Interface)	This parameter is used for bringing up the same network interface for Host connection, if it goes down for any reason.	• 0 - Will not try to bring up the same Interface. • 1 - Will try to bring up the same Interface.	1	start_network
INTERFACETIMEOUT	This parameter allows to configure the maximum time that a connection should be attempted on a particular interface. Typically, the overall connection timeout (set by "CONNECTTIMEOUT") is distributed over the various interfaces configured. For example, if the environment includes Ethernet, WiFi and GPRS, then the connection timeout would be overall value of all interfaces. Hence, it is important to set the Interface timeouts, to be in sync with the overall connect timeout.	Numeric. Set in milliseconds. For example - 20000, indicating 20 seconds. 20000 is the recommended value for WiFi. **NOTE:** This parameter has underscore (_) at the end.	30000	timeout

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
DHCP_ENABLED_1 (For EPP Interface), DHCP_ENABLED_2 (For Primary Interface), DHCP_ENABLED_3 (For Secondary Interface)	Dynamic Host Configuration Protocol. DHCP client usage for this network. **NOTE:** This parameter name with '_1' and '_2' are applicable if ADVCOMMSENABLED is set to N.	• 0 – Static • 1 – DHCP	1	dhcp_enabled
DHCP_HOSTNAME	DHCP client hostname to display on DHCP server side (used only if DHCP_ENABLED = 1). The maximum string length is 127 In case of longer string, it gets truncated. If not specified, this will default to VFI-<SN> where <SN> is the terminals serial number.	String	Empty	
DHCP_CLIENTID	DHCP client identifier is used to uniquely identify the client on DHCP server side (used only if DHCP_ENABLED = 1). The maximum string length is 15. In case of longer the string, it gets truncated. If not specified, the terminal will automatically send the interfaces hardware address as Client ID.	String	Empty	
IP_ADDRESS_1 (For EPP Interface), IP_ADDRESS_2 (For Primary Interface), IP_ADDRESS_3 (For Secondary Interface)	IPv4 Address if DHCP is disabled. **NOTE:** This parameter name with '_1' and '_2' are applicable if ADVCOMMSENABLED is set to N.	Alphanumeric, 23. Example: 12.34.56.78	Empty	ip_address

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
NETMASK_1 (For EPP Interface), NETMASK_2 (For Primary Interface), NETMASK_3 (For Secondary Interface)	IPv4 network mask if DHCP is disabled. **NOTE:** This parameter name with '_1' and '_2' are applicable if ADVCOMMSENABLED is set to N.	Alphanumeric, 23. Example: 255.255.255.0	Empty	netmask
GATEWAY_1 (For EPP Interface), GATEWAY_2 (For Primary Interface), GATEWAY_3 (For Secondary Interface)	IPv4 Gateway if DHCP is disabled. **NOTE:** This parameter name with '_1' and '_2' are applicable if ADVCOMMSENABLED is set to N.	Alphanumeric, 23. Example: 12.34.56.78	Empty	gateway
DNS_1_1 (For EPP Interface), DNS_1_2 (For Primary Interface), DNS_1_3 (For Secondary Interface)	First DNS server if DHCP is disabled. **NOTE:** This parameter name with '_1' and '_2' are applicable if ADVCOMMSENABLED is set to N.	Alphanumeric, 23. Example: 12.34.56.78	Empty	dns_1
DNS_2_1 (For EPP Interface), DNS_2_2 (For Primary Interface), DNS_2_3 (For Secondary Interface)	Second DNS server if DHCP is disabled. **NOTE:** This parameter name with '_1' and '_2' are applicable if ADVCOMMSENABLED is set to N.	Alphanumeric, 23. Example: 12.34.56.78	Empty	dns_2
IPV4_ENABLED	This parameter is used to enable or disable IPv4 TCP/IP Stack support for the specified interface.	• 0 - Disable • 1 - Enable		
IPV6_ENABLED	This parameter is used to enable or disable IPv6 TCP/IP Stack support for the specified interface.	• 0 - Disable • 1 - Enable		

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
IPV6_MODE	This parameter defines IPv6 mode for IPv6 auto configuration or use static IPv6 address information.	• AUTO - IPv6 auto configuration. • STATIC - use static IPv6 address information.		
IPV6_GLOBAL_ADDRESS	The IPv6 address with global scope. This is used only if IPV6_MODE = STATIC.	String	Empty	
IPV6_GLOBAL_PREFIX	IPv6 global prefix length. This is used only if IPV6_MODE = STATIC.	Value ranges: 1 - 128	Empty	
IPV6_UNIQUE_LOCAL_ADDRESS	The IPv6 unique local address. This is used only if IPV6_MODE = STATIC.	String	Empty	
IPV6_UNIQUE_LOCAL_PREFIX	The IPv6 unique local address prefix length. This is used only if IPV6_MODE = STATIC.	Value ranges: 1 - 128	Empty	
IPV6_GATEWAY	IPv6 gateway address. This is used only if IPV6_MODE = STATIC.	String	Empty	
IPV6_DNS_1	IPv6 DNS server address. This is used only if IPV6_MODE = STATIC.	String	Empty	
IPV6_DNS_2	IPv6 alternative DNS server address. This is used only if IPV6_MODE = STATIC.	String	Empty	
WLAN_NODE	Encapsulates one WLAN Node within a WLAN Network profile. Up to 10 WLAN Nodes can be defined for a WLAN Network Profile.	Subtag in XML or InfoDB	Empty	

LAN for CCP

Note

- The list of common network profile related parameters with '_1' will go to eth0 (LAN) profile based and parameters with '_2' will go to wlan0 (WLAN) profile based.
- ADVCOMMSENABLED parameter must be set to Y.

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
DHCP_ENABLED_1 (For CCP Primary Interface), DHCP_ENABLED_2 (For CCP Secondary Interface)	Dynamic Host Configuration Protocol. DHCP client usage for this network.	• 0 – Static • 1 – DHCP	1	dhcp_enabled
IP_ADDRESS_1 (For CCP Primary Interface), IP_ADDRESS_2 (For CCP Secondary Interface)	IPv4 Address if DHCP is disabled.	Alphanumeric, 23. Example: 12.34.56.78	Empty	ip_address
NETMASK_1 (For CCP Primary Interface), NETMASK_2 (For CCP Secondary Interface)	IPv4 network mask if DHCP is disabled.	Alphanumeric, 23. Example: 255.255.255.0	Empty	netmask
GATEWAY_1 (For CCP Primary Interface), GATEWAY_2 (For CCP Secondary Interface)	IPv4 Gateway if DHCP is disabled.	Alphanumeric, 23. Example: 12.34.56.78	Empty	gateway
DNS_1_1 (For CCP Primary Interface), DNS_1_2 (For CCP Secondary Interface)	First DNS server if DHCP is disabled.	Alphanumeric, 23. Example: 12.34.56.78	Empty	dns_1
DNS_2_1 (For CCP Primary Interface), DNS_2_2 (For CCP Secondary Interface)	Second DNS server if DHCP is disabled.	Alphanumeric, 23. Example: 12.34.56.78	Empty	dns_2

Parameters for WLAN Interface

Note

- For Com Control Panel (CCP), the below list of common network profile related parameters with '_1' will go to the eth0 (LAN) and with '_2' will go to the wlan0 (WLAN) profile based on the current implementation: DHCP_ENABLED, DNS_1, DNS_2, GATEWAY, IP_ADDRESS and NETMASK.
- As of this publication, eth0 and wlan0 profiles are only supported. For CCP, to configure WiFi, it is recommended to use primary WiFi configuration parameters.
- Few parameters from Interfaces/WLAN Parameters, are not configurable using SET_PARM command. Refer to Parameters Not Configurable with SET_PARM for more details on the list parameters.

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
PRIMINTERFACETYPE, SECINTERFACETYPE, TERINTERFACETYPE	Type of the network profile. Type refers to the mandatory profile properties. Primary, secondary and tertiary interface type.	• lan • wlan • gprs • preconfigured	WLAN	type
PRIMINTERFACEDEVICENAME, SECINTERFACEDEVICENAME, TERINTERFACEDEVICENAME	Defined symbol for the network interface. Primary, secondary and tertiary interface device name.	• ETH0 • WLAN0 • GPRS0 • USB0 • BT_PAN	WLAN0	device_name
STARTUP_MODE	Defines the network's start-up behavior.	• AUTO - Network is brought up automatically on every system start. • ON-DEMAND - Network is brought up only if the application demands it.	AUTO	STARTUP_MODE

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
INTERFACETIMEOUT	This parameter allows to configure the maximum time that a connection should be attempted on a particular interface. Typically, the overall connection timeout (set by “CONNECTTIMEOUT”) is distributed over the various interfaces configured. For example, if the environment includes Ethernet, WiFi and GPRS, then the connection timeout would be overall value of all interfaces. Hence, it is important to set the Interface timeouts, to be in sync with the overall connect timeout.	Numeric. Set in milliseconds. For example - 20000, indicating 20 seconds. 20000 is the recommended value for WiFi. **NOTE:** This parameter has underscore (_) at the end.	30000	timeout
DHCP_ENABLED_1 (For EPP Interface), DHCP_ENABLED_2 (For Primary Interface), DHCP_ENABLED_3 (For Secondary Interface)	Dynamic Host Configuration Protocol. DHCP client usage for this network. **NOTE:** This parameter name with ‘_1’ and ‘_2’ are applicable if ADVCOMMSENABLED is set to N.	• 0 – Static • 1 – DHCP	1	dhcp_enabled
DHCP_HOSTNAME	DHCP client hostname is used to display on DHCP server side (used only if DHCP_ENABLED = 1). The maximum string length is 127. In case of longer string, it gets truncated. If not specified, this will default to VFI-<SN> where <SN> is the terminals serial number.	String	Empty	

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
DHCP_CLIENTID	DHCP client identifier is used to uniquely identify the client on DHCP server side (used only if DHCP_ENABLED = 1). The maximum string length is 15. In case of longer the string, it gets truncated. If not specified, the terminal will automatically send the interfaces hardware address as Client ID.	String	Empty	
IP_ADDRESS_1 (For EPP Interface), IP_ADDRESS_2 (For Primary Interface), IP_ADDRESS_3 (For Secondary Interface)	IPv4 Address if DHCP disabled. **NOTE:** This parameter name with '_1' and '_2' are applicable if ADVCOMMSENABLED is set to N.	Alphanumeric, 23. Example: 12.34.56.78	Empty	ip_address
NETMASK_1 (For EPP Interface), NETMASK_2 (For Primary Interface), NETMASK_3 (For Secondary Interface)	IPv4 network mask if DHCP is disabled. **NOTE:** This parameter name with '_1' and '_2' are applicable if ADVCOMMSENABLED is set to N.	Alphanumeric, 23. Example: 255.255.255.0	Empty	netmask
GATEWAY_1 (For EPP Interface), GATEWAY_2 (For Primary Interface), GATEWAY_3 (For Secondary Interface)	IPv4 Gateway if DHCP is disabled. **NOTE:** This parameter name with '_1' and '_2' are applicable if ADVCOMMSENABLED is set to N.	Alphanumeric, 23. Example: 12.34.56.78	Empty	gateway
DNS_1_1 (For EPP Interface), DNS_1_2 (For Primary Interface), DNS_1_3 (For Secondary Interface)	First DNS server if DHCP is disabled. **NOTE:** This parameter name with '_1' and '_2' are applicable if ADVCOMMSENABLED is set to N.	Alphanumeric, 23. Example: 12.34.56.78	Empty	dns_1

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
DNS_2_1 (For EPP Interface), DNS_2_2 (For Primary Interface), DNS_2_3 (For Secondary Interface)	Second DNS server if DHCP is disabled. **NOTE:** This parameter name with '_1' and '_2' are applicable if ADVCOMMSENABLED is set to N.	Alphanumeric, 23. Example: 12.34.56.78	Empty	dns_2
IPV4_ENABLED	This parameter is used to enable or disable IPv4 TCP/IP Stack support for the specified interface.	• 0 - Disable • 1 - Enable		
IPV6_ENABLED	This parameter is used to enable or disable IPv6 TCP/IP Stack support for the specified interface.	• 0 - Disable • 1 - Enable		
IPV6_MODE	This parameter defines IPv6 mode for IPv6 auto configuration or use static IPv6 address information.	• AUTO - IPv6 auto configuration. • STATIC - use static IPv6 address information		
IPV6_GLOBAL_ADDRESS	The IPv6 address with global scope. This is used only if IPV6_MODE = STATIC.	String	Empty	
IPV6_GLOBAL_PREFIX	IPv6 global prefix length. This is used only if IPV6_MODE = STATIC.	Value ranges: 1 - 128	Empty	
IPV6_UNIQUE_LOCAL_ADDRESS	The IPv6 unique local address. This is used only if IPV6_MODE = STATIC.	String	Empty	
IPV6_UNIQUE_LOCAL_PREFIX	The IPv6 unique local address prefix length. This is used only if IPV6_MODE = STATIC.	Value ranges: 1 - 128	Empty	

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
IPV6_GATEWAY	IPv6 gateway address. This is used only if IPV6_MODE = STATIC.	String	Empty	
IPV6_DNS_1	IPv6 DNS server address. This is used only if IPV6_MODE = STATIC.	String	Empty	
IPV6_DNS_2	IPv6 alternative DNS server address. This is used only if IPV6_MODE = STATIC.	String	Empty	
WLAN_NODE	Encapsulates one WLAN Node within a WLAN Network profile. Up to 10 WLAN Nodes can be defined for a WLAN Network Profile.	Subtag in XML or InfoDB	Empty	

WLAN for CCP

Note

- The list of common network profile related parameters with '_1' will go to eth0 (LAN) profile based and parameters with '_2' will go to wlan0 (WLAN) profile based.
- ADVCOMMSENABLED parameter must be set to Y.

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
DHCP_ENABLED_1 (For CCP Primary Interface), DHCP_ENABLED_2 (For CCP Secondary Interface)	Dynamic Host Configuration Protocol. DHCP client usage for this network.	• 0 – Static • 1 – DHCP	1	dhcp_enabled
IP_ADDRESS_1 (For CCP Primary Interface), IP_ADDRESS_2 (For CCP Secondary Interface)	IPv4 Address if DHCP disabled.	Alphanumeric, 23. Example: 12.34.56.78	Empty	ip_address

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml
NETMASK_1 (For CCP Primary Interface), NETMASK_2 (For CCP Secondary Interface)	IPv4 network mask if DHCP is disabled.	Alphanumeric, 23. Example: 255.255.255.0	Empty	netmask
GATEWAY_1 (For CCP Primary Interface), GATEWAY_2 (For CCP Secondary Interface)	IPv4 Gateway if DHCP is disabled.	Alphanumeric, 23. Example: 12.34.56.78	Empty	gateway
DNS_1_1 (For CCP Primary Interface), DNS_1_2 (For CCP Secondary Interface)	First DNS server if DHCP is disabled.	Alphanumeric, 23. Example: 12.34.56.78	Empty	dns_1
DNS_2_1 (For CCP Primary Interface), DNS_2_2 (For CCP Secondary Interface)	Second DNS server if DHCP is disabled.	Alphanumeric, 23. Example: 12.34.56.78	Empty	dns_2

Note

The following parameters are not configurable using SET_PARM command. Refer to Parameters Not Configurable with SET_PARM for more details on the list parameters.

Parameters for WLAN_NODE Interface

This node section is accessed directly by the ADK COM, which will be used to set up the WiFi profile. Configure when wlan type = wlan.

Note

- For Com Control Panel (CCP), these primary WiFi specific parameters with '_1' are applicable for wlan0 (WLAN). For example: 'BAND_1'.
- The following parameters in the table have underscore (_) at the end of the parameter name.

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Name in PropertiesData.xml

SSID, SEC_SSID (For Secondary Interface)	WLAN network name (Server Set Identification) informal name of the BSS. **NOTE:** This is case sensitive.	Alphanumeric	[blank]	ssid
PROTO, SEC_PROTO (For Secondary Interface)	Defines acceptable protocol types. This is used if KEY_MGMT is EAP or PSK.	• AUTO: automatic selection of WPA or WPA2. • WPA: accept WPA only. • WPA2: accept WPA2 (RSN) only.	[blank]	Proto
KEY_MGMT, SEC_KEY_MGMT (For Secondary Interface)	Defines the key management protocol.	• PSK - Pre-Shared Key management (WPA/WPA2). • EAP - Extensible Authentication Protocol management (WPA/WPA2).	[blank]	Key_mgmt
PSK, SEC_PSK (For Secondary Interface)	WPA/WPA2 Pre-Shared Key. **NOTE:** Length 8-63 is pass-phrase, 64 character length is HEX-Keys (HEX digits).	Alphanumeric 8-64	[blank]	Psk
GROUP, SEC_GROUP (For Secondary Interface)	Group cipher to be used. This is used if KEY_MGMT is EAP or PSK.	• TKIP • CCMP • AUTO	[blank]	group
PAIRWISE, SEC_PAIRWISE (For Secondary Interface)	Pairwise cipher to be used. This is used if KEY_MGMT is EAP or PSK.	• TKIP • CCMP • AUTO	[blank]	pairwise
EAPTYPE, SEC_EAPTYPE (For Secondary Interface)	Mandatory if KEY_MGMT is EAP. Inner authentication used for PEAP is MSCHAPv2.	• TLS • PEAP • FAST • TTLS • PWD • PSK • GPSK	[blank]	eap_type

EAPCACERT, SEC_EAPCERT (For Secondary Interface)	File path to CA certificate file. This is mandatory if EAP_TYPE is set to TLS. Optional if EAP_TYPE is PEAP or TTLS.	Alphanumeric	[blank]	eap_cacert
EAPCLIENTCERT, SEC_EAPCLIENTCERT (For Secondary Interface)	File path to client certificate file. This is mandatory if EAP_TYPE is TLS.	Alphanumeric	[blank]	eap_clientcert
EAPPRIVKEY, SEC_EAPPRIVKEY (For Secondary Interface)	File path to private key file. File format: PEM/DER/PFX. This is optional if EAP_TYPE is TLS.	Alphanumeric	[blank]	eap_privkey
EAPPRIVKEYPWD, SEC_EAPPRIVKEYPWD (For Secondary Interface)	Password for private key file. This is optional if EAP_TYPE is TLS.	Alphanumeric	[blank]	eap_privkey_pwd
EAPIDENTITY, SEC_EAPIDENTITY (For Secondary Interface)	Identity needed for EAP authentication. This is mandatory for all EAP types.	Alphanumeric	[blank]	eap_identity
EAPPWD, SEC_EAPPWD (For Secondary Interface)	Password needed for EAP authentication. This is mandatory if EAP_TYPE is PEAP, FAST, TTLS, PWD, PSK or GPSK. For PSK and GPSK this must be a HEX string. For PSK it must be exactly 16 bytes (32 characters) long. For GPSK the minimum length is 16 bytes (32 characters).	Alphanumeric	[blank]	eap_password
EAPANONYMOUSID, SEC_EAPANONYMOUSID (For Secondary Interface)	Anonymous identity for EAP modes. Optional for all modes with inner authentication.	Alphanumeric	[blank]	eap_anonymous_id

EAPFASTPACFILE, SEC_EAPFASTPACFILE (For Secondary Interface)	This is mandatory for EAP FAST only. Full path + file name of a pre-loaded PAC file. If not specified, then automatic PAC provisioning will be enabled allowing both, unauthenticated and authenticated provisioning.	Alphanumeric	[blank]	eap_fast_pac_file
VISIBILITY, SEC_VISIBILITY (For Secondary Interface)	Visibility settings of SSID. The network SSID is hidden.	• Hidden • Visible	Visible	visibility
BAND, SEC_BAND (For Secondary Interface)	Band frequencies to be set, frequencies of 2.4GHz, 5GHz or of both bands.	• 2.4GHz • 5GHz • AUTO	User defined	band
PRIORITY, SEC_PRIORITY (For Secondary Interface)	The priority in selecting network to be set. Higher values are preferred to lower values.	Alphanumeric	[blank]	priority