

## pin\_mep\_xml\_tags\_definition\_v0.1

The document describe the PIN/MEP operations of SIM.

The object is “sim”

Main methods provided by this service as:

- enable\_pin  
expect to receive the PIN to enable the PIN of SIM, if operation done without error will response OK, with error will response ERROR
- disable\_pin  
expect to receive the PIN to disable the PIN of SIM, if operation done without error will response OK, with error will response ERROR
- change\_pin  
expect to receive two input parameters, one is old PIN, one is new PIN, if operation done without error will response OK, with error will response ERROR
- provide\_pin  
if SIM is in PIN locked status, if not provide PIN, SIM can't be used. After all this method, SIM will be unlocked until next reboot. Expect to receive PIN to unlock SIM, if operation done without error will response OK, with error will response ERROR
- reset\_pin\_using\_puk  
when SIM is locked, but the input PIN is incorrect with max attempts. Must provide PUK to reset the pin. Expect to receive PUK and new PIN, if operation done without error will response OK, with error will response ERROR

In our WebUI, the XML tags parameters described as

Method	XML Tags	Definition
enable_pin	<pre>&lt;pin_puk&gt;   &lt;pin/&gt; &lt;/pin_puk&gt;  Response: &lt;response&gt;  &lt;setting_response&gt;OK/ERROR &lt;/setting_response&gt; &lt;/response&gt;</pre>	pin: The PIN code of SIM
disable_pin	<pre>&lt;pin_puk&gt;   &lt;pin/&gt; &lt;/pin_puk&gt; Response:</pre>	pin: The PIN code of SIM

	<response>  <setting_response>OK/ERROR </setting_response> </response>	
change_pin	<pin_puk> <pin/> <new_pin/> </pin_puk> Response: <response>  <setting_response>OK/ERROR </setting_response> </response>	pin: old PIN code of SIM new_pin: new PIN code of SIM
provide_pin	<pin_puk> <pin/> </pin_puk>  Response: <response>  <setting_response>OK/ERROR </setting_response> </response>	pin: The PIN code of SIM
reset_pin_using_puk	<pin_puk> <puk/> <new_pin/> </pin_puk>  Response: <response>  <setting_response>OK/ERROR </setting_response> </response>	puk: The PUK code of SIM new_pin: new PIN code of SIM

- set\_sim\_mep

Method	XML Tags	Definition
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set_sim_mep	<pin_puk> <mep_action/> <mep_paswd/> </pin_puk>  Response: <response>  <setting_response>OK/ERROR </setting_response> </response>	mep_action: 1: Lock network MEP 2: Lock Sub-network MEP 3: Lock Service Provide MEP 4: Lock Corporate MEP 5: Lock SIM MEP 6: Unlock network MEP 7: Unlock Sub-network MEP 8: Unlock Service Provide MEP 9: Unlock Corporate MEP 10: Unlock SIM MEP 11: Unlock network MEP PUK 12: Unlock Sub-network MEP PUK  13: Unlock Service Provide MEP PUK  14: Unlock Corporate MEP PUK 15: Unlock SIM MEP PUK
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- get\_sim\_status

Method	XML Tags	Definition
get_sim_status	<b>response</b> <response> <setting_response> <b>OK/ERROR</b> </setting_response> </response> <pin_puk> <sim_status/> <pin_status/> <pin_attempts/> <pun_attempts/> <perso_substate/>	<b>sim_status:</b> <b>0: sim absent</b> <b>1: sim present</b> <b>2: sim error</b> <b>3: unknown error</b> <b>pin_status:</b> <b>0: unhnown</b> <b>1: detected</b> <b>2: need pin</b> <b>3: need puk</b> <b>5: ready</b> <b>perso_substate</b>

	<mep_sim_attepmts/> <mep_nw_attepmts/> <mep_subnw_attepmts/> <mep_sp_attepmts/> <mep_corp_attepmts/> <pn_status/> <pu_status/> <pp_status/> <pc_status/> <ps_status/> </pin_puk>	0: initial state 1: in process 2: ready 3: network MEP pin 4: sub-network MEP pin 5: Corporate MEP pin 6: Service Provide pin 7: SIM MEP pin 8: network MEP puk 9: sub-network MEP puk 10: Corporate MEP puk 11: Service Provide puk 12: SIM MEP puk  pn_status: 0: not active 1: active 2: network MEP can't be used pu_status: 0: not active 1: active 2:sub-network MEP can't be used pp_status: 0: not active 1: active 2: Service Provide can't be used pc_status: 0: not active 1: active 2: Corporate MEP can't be used ps_status: 0: not active 1: active 2: SIM MEP can't be used
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