# 与modem相关的命令

## 1、run命令

run modem dial 拨号

run modem hangup 挂断

run modem trigger 发送一个信号给 modem daemon， 如果modem设置成连接的，但是它没连接，就重新拨号，如果modem设置成断开的，但是它已经连接，则断开

## define命令

define system modem

set status {enable | disable} 是否启用modem功能，等价于把接口up或down

set pin-init {string} AT command to set the PIN (AT+PIN=<pin>). size[127]

set network-init {string} AT command to set the Network name/type (AT+COPS=<mode>,[<format>,<oper>[,<AcT>]]). size[127]

set lockdown-lac {string} Allow connection only to the specified Location Area Code (LAC). size[127]

set mode {standalone | redundant} Set MODEM operation mode to redundant or standalone.

Standalone 无线作为独立链路

Redundant 无线作为其他链路的备份链路

set auto-dial {enable | disable} Enable/disable auto-dial after a reboot or disconnection.

set dial-on-demand {enable | disable} Enable/disable to dial the modem when packets are routed to the modem interface.

set idle-timer {integer} MODEM connection idle time (1 - 9999 min, default = 5). range[1-9999]

set redial {option} Redial limit (1 - 10 attempts, none = redial forever).

 none Forever.

 1 One attempt.

 2 Two attempts.

 3 Three attempts.

 4 Four attempts.

 5 Five attempts.

 6 Six attempts.

 7 Seven attempts.

 8 Eight attempts.

 9 Nine attempts.

 10 Ten attempts.

 set reset {integer} Number of dial attempts before resetting modem (0 = never reset). range[0-10]

 set holddown-timer {integer} Hold down timer in seconds (1 - 60 sec). range[1-60]

 set connect-timeout {integer} Connection completion timeout (30 - 255 sec, default = 90). range[30-255]

 set interface {string} Name of redundant interface. size[63] - datasource(s): system.interface.name

 set wireless-port {integer} Enter wireless port number, 0 for default, 1 for first port, ... (0 - 4294967295, default = 0) range[0-4294967295]

 set dont-send-CR1 {enable | disable} Do not send CR when connected (ISP1).

 set phone1 {string} Phone number to connect to the dialup account (must not contain spaces, and should include standard special characters). size[63]

 set dial-cmd1 {string} Dial command (this is often an ATD or ATDT command). size[63]

 set username1 {string} User name to access the specified dialup account. size[63]

 set passwd1 {password\_string} Password to access the specified dialup account. size[128]

 set extra-init1 {string} Extra initialization string to ISP 1. size[127]

 set peer-modem1 {generic | actiontec | ascend\_TNT} Specify peer MODEM type for phone1.

 generic All other modem type.

 actiontec ActionTec modem.

 ascend\_TNT Ascend TNT modem.

 set ppp-echo-request1 {enable | disable} Enable/disable PPP echo-request to ISP 1.

 set authtype1 {pap | chap | mschap | mschapv2} Allowed authentication types for ISP 1.

 pap PAP

 chap CHAP

 mschap MSCHAP

 mschapv2 MSCHAPv2

 set dont-send-CR2 {enable | disable} Do not send CR when connected (ISP2).

 set phone2 {string} Phone number to connect to the dialup account (must not contain spaces, and should include standard special characters). size[63]

 set dial-cmd2 {string} Dial command (this is often an ATD or ATDT command). size[63]

 set username2 {string} User name to access the specified dialup account. size[63]

 set passwd2 {password\_string} Password to access the specified dialup account. size[128]

 set extra-init2 {string} Extra initialization string to ISP 2. size[127]

 set peer-modem2 {generic | actiontec | ascend\_TNT} Specify peer MODEM type for phone2.

 generic All other modem type.

 actiontec ActionTec modem.

 ascend\_TNT Ascend TNT modem.

 set ppp-echo-request2 {enable | disable} Enable/disable PPP echo-request to ISP 2.

 set authtype2 {pap | chap | mschap | mschapv2} Allowed authentication types for ISP 2.

 pap PAP

 chap CHAP

 mschap MSCHAP

 mschapv2 MSCHAPv2

 set dont-send-CR3 {enable | disable} Do not send CR when connected (ISP3).

 set phone3 {string} Phone number to connect to the dialup account (must not contain spaces, and should include standard special characters). size[63]

 set dial-cmd3 {string} Dial command (this is often an ATD or ATDT command). size[63]

 set username3 {string} User name to access the specified dialup account. size[63]

 set passwd3 {password\_string} Password to access the specified dialup account. size[128]

 set extra-init3 {string} Extra initialization string to ISP 3. size[127]

 set peer-modem3 {generic | actiontec | ascend\_TNT} Specify peer MODEM type for phone3.

 generic All other modem type.

 actiontec ActionTec modem.

 ascend\_TNT Ascend TNT modem.

 set ppp-echo-request3 {enable | disable} Enable/disable PPP echo-request to ISP 3.

 set altmode {enable | disable} Enable/disable altmode for installations using PPP in China.

 set authtype3 {pap | chap | mschap | mschapv2} Allowed authentication types for ISP 3.

 pap PAP

 chap CHAP

 mschap MSCHAP

 mschapv2 MSCHAPv2

 set traffic-check {enable | disable} Enable/disable traffic-check.

 set action {dial | stop | none} Dial up/stop MODEM.

 dial Dial up number.

 stop Stop dialup.

 none No action.

 set distance {integer} Distance of learned routes (1 - 255, default = 1). range[1-255]

 set priority {integer} Priority of learned routes (0 - 4294967295, default = 0). range[0-4294967295]

## 3、dump命令

dump sys modem

cmd cmd

com start a interactive session

detect detect

history list modem usage history

wireless-id display wireless modem device ID