

## WA无线X分系列AP静谧模式功能配置

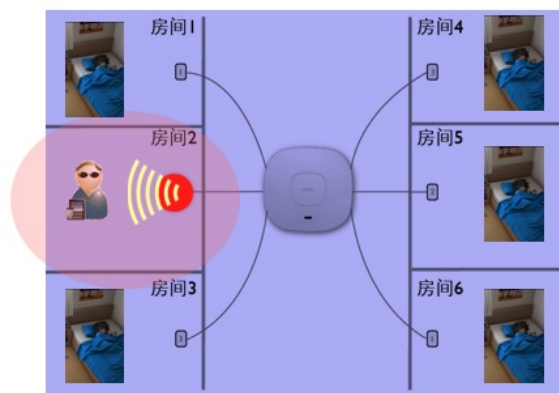
### 一、组网需求

WX5540E无线控制器、WA3628i-AGN-X无线接入点、无线便携机。

X分系列产品具有独特的静谧工作模式，所谓的静谧工作模式，就是说在深夜休息时间，可将AP设置为此模式，此时只有有人上网的房间才会有无线信号发射，其余房间只有少量微弱的无线管理报文，可控制设备夜间自动进入静谧工作模式，达到绿色节能地效果。

正常情况下X分系列产品发送报文时需要使用两根或者三根天线同时发送，开启静谧模式后，每个报文都只用一根天线发送，实现了环保节能和降低辐射的效果。目前只有WA2620i-AGN-X和WA3628i-AGN-X两款产品支持配置静谧模式。缺省情况下，静谧模式处于关闭状态。

### 二、组网图



### 三、配置步骤

```
#
version 5.20, Release 2609P29
#
sysname WX5540E
#
domain default enable system
#
telnet server enable
#
port-security enable
#
fpga work-mode fast-forwarding
#
password-recovery enable
#
vlan 1
#
vlan 2
#
vlan 10
#
domain system
```

```
access-limit disable
state active
idle-cut disable
self-service-url disable
#
dhcp server ip-pool ap
network 192.168.10.0 mask 255.255.255.0
gateway-list 192.168.10.1
#
dhcp server ip-pool client
network 192.168.2.0 mask 255.255.255.0
gateway-list 192.168.2.1
#
user-group system
group-attribute allow-guest
#
local-user admin
password cipher $c$3$4T8CRMEBaicqc0dcWUI7lvK8Az1hpL/F
authorization-attribute level 3
service-type telnet
#
wlan rrm
dot11a mandatory-rate 6 12 24
dot11a supported-rate 9 18 36 48 54
dot11b mandatory-rate 1 2
dot11b supported-rate 5.5 11
dot11g mandatory-rate 1 2 5.5 11
dot11g supported-rate 6 9 12 18 24 36 48 54
#
wlan service-template 1 clear
ssid H3C-TEST
bind WLAN-ESS 1
service-template enable
#
interface Bridge-Aggregation1
port link-type trunk
port trunk permit vlan all
#
interface NULL0
#
interface Vlan-interface2
ip address 192.168.2.1 255.255.255.0
#
interface Vlan-interface10
ip address 192.168.10.1 255.255.255.0
#
interface M-GigabitEthernet1/0/0
```

```
#
interface Ten-GigabitEthernet1/0/1
port link-type trunk
port trunk permit vlan all
#
interface Ten-GigabitEthernet1/0/2
port link-type trunk
port trunk permit vlan all
#
interface Ten-GigabitEthernet1/0/3
port link-type trunk
port trunk permit vlan all
#
interface Ten-GigabitEthernet1/0/4
port link-type trunk
port trunk permit vlan all
#
interface WLAN-ESS1
port access vlan 2
#
wlan ap-group default_group
ap ap01
#
wlan ap ap01 model WA3628i-AGN-X id 1
serial-id 219801A0CNC124004764
radio 1
service-template 1
radio enable
radio 2
service-template 1
radio enable
#
ip route-static 0.0.0.0 0.0.0.0 192.168.0.254
#
undo info-center logfile enable
#
dhcp enable
#
wlan option x-share quiet enable
#
user-interface con 0
user-interface vty 0 4
authentication-mode scheme
user privilege level 3
#
```

#### 四、配置关键点

```
#使能服务模板
```

```
[AC]wlan service-template 1 clear
[AC-wlan-st-1] ssid H3C-TEST
[AC-wlan-st-1] bind WLAN-ESS 1
[AC-wlan-st-1] service-template enable
    #使能AP模板
[AC] wlan ap ap01 model WA3628i-AGN-X
[AC-wlan-ap-ap01] serial-id 219801A0CNC124004764
[AC-wlan-ap-ap01] radio 1
[AC-wlan-ap-ap01-radio-1] service-template 1
[AC-wlan-ap-ap01-radio-1] radio enable
[AC-wlan-ap-ap01] radio 2
[AC-wlan-ap-ap01-radio-2] service-template 1
[AC-wlan-ap-ap01-radio-2] radio enable
    #使能静音模式
[AC] wlan option x-share quiet enable
```

## 五、结果验证

1. STA成功连接H3C-TEST，然后启动流量测试；
2. 使用信号测试仪器（可用常用的微波泄漏测试仪）测试全部房间的无线信号辐射强度，测试STA所在的房间有较强的无线辐射，微波泄漏仪可以看到明显的数值；其他房间的无线辐射数值很低。