

dat_[device]	
id:	int
gatewayMAC:	char(12)
deviceMAC:	char(12)
...	...
timestamp:	datetime

inf_[device]_lookup	
deviceMAC:	char(12)
deviceName:	char(50)
...	...

GROUP BY [15 min intervals],
gatewayMAC, deviceMAC
SELECT count(*)
WHERE [device_is_active]
AND DATE(timestamp) == [yesterday]

yesterday_data_[device]	
timekey:	datetime
deviceMAC:	char(12)
gatewayMAC:	char(12)
count	int

GROUP BY deviceMAC
SELECT AVG(count)

yesterday_hitrate_[device]	
deviceMAC:	char(12)
hitrate:	decimal(24,4)

GROUP BY gatewayMAC
SELECT AVG(count)
UNION [data from other devices]

yesterday_hitrate_gateway	
gatewayMAC:	char(12)
hitrate:	decimal(24,4)

Python Script (deployment_status.py)
Send daily email at 5am with deployment status
For each device,
 WARNING if hitrate < 300 (3 sec/packet) or 6 for Ligeiro (2.5 min/packet)
 NOT FOUND if hitrate = 0
For each location,
 Add number of OK, WARNING, and NOT FOUND to email

