

Si quieres saber las wifi capabilities de tu tarjeta wifi para saber luego cuáles capacidades debes indicarle al archivo conf del demonio hostapd siempre puedes ejecutar:

```
iw list
```

... y tomar nota de ellas.

Pero, para saber como indicarle a hostapd que use esas capacidades deberás conocer el parámetro de cada una de ellas. Y para ello, esta lista:

Capacidades HT:

```
HT20/HT40                :[HT20] o [HT20-] o [HT20+] y [HT40] o [HT40-] o [HT40+]
Static SM Power Save     :?
SM Power Save disabled   :?
RX Greenfield            :?
RX LDPC                  :[RXLDPC]
RX HT20 SGI              :[SHORT-GI-20]
RX HT40 SGI              :[SHORT-GI-40]
TX STBC                  :[TX-STBC]
RX STBC 1-stream         :[RX-STBC1]
RX STBC 2-streams       :[RX-STBC2]
Max AMSDU length: 3839 bytes :[MAX-AMSDU-3839]
Max AMSDU length: 7935 bytes :[MAX-AMSDU-7935]
DSSS/CCK HT40           :[DSSS_CCK-40]
No DSSS/CCK HT40       :[?]
No RX STBC              :[?]
Otras:

DSSS/CCK HT40           :[DSSS_CCK-40]
?                       :[LDPC]
```

Capacidades VHT:

```
RX LDPC                  :[RXLDPC]
Max MPDU length: 3895    :[MAX-MPDU-3895]
Max MPDU length: 11454   :[MAX-MPDU-11454]
Supported Channel Width: neither 160 nor 80+80 :[VHT160-80PLUS80]
short GI (80 MHz)       :[SHORT-GI-80]
TX STBC                  :[TX-STBC]
RX antenna pattern consistency :[RX-ANTENNA-PATTERN]
TX antenna pattern consistency :[TX-ANTENNA-PATTERN]

Otras:

?                       :[SHORT-GI-160]
?                       :[SU-BEAMFORMER]
SU Beamformee           :[SU-BEAMFORMEE]
?                       :[MU-BEAMFORMER]
MU Beamformee           :[MU-BEAMFORMEE]
?                       :[TX-STBC-2BY1]
?                       :[RX-STBC-1]
?                       :[MAX-A-MPDU-LEN-EXP7]
```

Capacidades HE MAC

```
+HTC HE Supported       :[?]
BSR                     :[?]
OM Control              :[?]
Maximum A-MPDU Length Exponent: 3 :[?]
BQR                     :[?]
```

```
A-MSDU in A-MPDU           :[?]  
OM Control UL MU Data Disable RX :[?]
```

Capacidades HE PHY

```
HE40/HE80/5GHz           :[?]  
LDPC Coding in Payload   :[?]  
NDP with 4x HE-LTF and 3.2us GI :[?]  
STBC Tx <= 80MHz        :[?]  
STBC Rx <= 80MHz        :[?]  
Full Bandwidth UL MU-MIMO :[?]  
Partial Bandwidth UL MU-MIMO :[?]  
DCM Max Constellation: 2 :[?]  
DCM Max Constellation Rx: 2 :[?]  
Partial Bandwidth Extended Range :[?]  
PPE Threshold Present    :[?]  
TX 1024-QAM              :[?]  
RX 1024-QAM              :[?]
```