



# Wireless Broadband Alliance

## WBA PerProviderSubscription Management Object (PPS MO) Extensions

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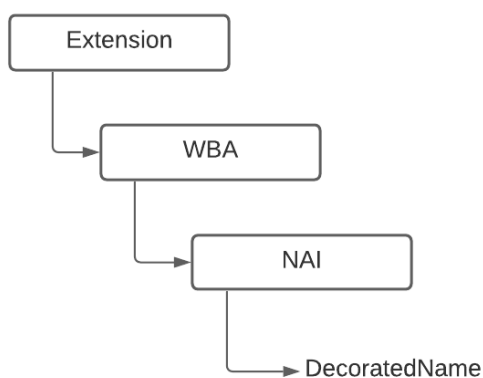
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## WBA PPS MO Extensions

The Wi-Fi Alliance Hotspot 2.0 Specification allows for additional vendor-defined data fields to be included in the PerProviderSubscription Management Object (PPS MO).

This section defines a WBA vendor subtree, in order to allow for additional PPS MO elements that may be used for roaming. Figure 1 shows a graphical representation of the WBA PPS MO Extensions.



*Figure 1 - WBA Subtree beneath the PPS MO Extension Node*

The following defines the WBA PPS MO fields under the Extension node:

### 1. PerProviderSubscription/<X+>/Extension/WBA

Status	Occurrence	Format	Access Types
Optional	ZeroOrOne	Node	Add, Delete, Get, Replace

The WBA vendor subtree underneath the Extension node.



## 2. PerProviderSubscription/<X+>/Extension/WBA/NAI

Status	Occurrence	Format	Access Types
Optional	ZeroOrOne	Node	Add, Delete, Get, Replace

This node allows for more flexible configuration of the NAI used in RADIUS exchanges. This node can be used for the outer identity of EAP-TTLS and the anonymous identities of EAP-SIM and EAP-AKA authentication methods.

## 3. PerProviderSubscription/<X+>/Extension/WBA/NAI/DecoratedPrefix

Status	Occurrence	Format	Access Types
Optional	ZeroOrOne	Chr	Add, Delete, Get, Replace

This node contains additional realms to be used for routing, as described in RFC 7542, Section 2.7, Realm Construction. The value of this node would be prepended to the anonymous@realm NAI.

One example value for this node may be "homerealm.example.net!".

This would result in an NAI formed as: homerealm.example.net!anonymous@realm.

A recursive example value may be "proxyrealm.example.net!homerealm.example.net!".

This would result in an NAI formed as:  
proxyrealm.example.net!homerealm.example.net!anonymous@realm.