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Purpose	Adoption
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Change to the Description of some Primitive Attributes

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1. Motivation

In the standard, two different methods are used to describe an attribute for a service primitive. One is to use a table to define an attribute and its type, valid range and description. The other one is just to describe an attribute and to enumerate its valid range.

We propose to use one method to keep the consistency.

2. Proposed Text Changes

[***Remove Table 449***]

[***Add the following to page 51, line 32***]

Accounting Type
This identifies the type of accounting events; Registration, Service Floe Creation, Service Flow Change, Service Flow Deletion, De-registration

[***Remove Table 453***]

[***Add the following to page 117, line 36***]

Ranging Type
This identifies the ranging type; Initial, Handoff, Periodic

[***Remove Table 454***]

[***Add the following to page 118, line 37***]

MS Address
MAC Address of MS that requests ranging
MAC Version
MAC version supported by MS; IEEE Std 802.16-2001, IEEE Std 802.16-2004, IEEE Std 802.16e, IEEE Std 802.16g-2007
Required Downlink Burst Profile
DIUC value of Downlink Burst Profile
Serving BSID
Serving BSID during ranging
HO Indication
This parameter indicates the MS is currently attempting to HO; NULL, HO, Fast HO, Entry from Idle Mode

[***Remove Table 455***]

[***Add the following to page 120, line 31***]

IP Management Mode

The IP management mode parameter dictates whether the provider intends to manage the SS on an ongoing basis via IP-based mechanisms; Unmanaged mode, IP-managed mode

IP Version

IP version

Method of Allocation IP Address

IP Address Configuration method; DHCPv4, Mobile IPv4, DHCPv6, Mobile IPv6, IPv6 stateless address auto configuration

Previous IP Address

Previously assigned IP Address of MS on the secondary management connection. If not previously assigned, the value is 0.

[***Remove Table 456***]

[***Add the following to page 121, line 1***]

IP Management Mode

The IP management mode parameter dictates whether the provider intends to manage the SS on an ongoing basis via IP-based mechanisms; Unmanaged mode, IP-managed mode

IP Version

IP version

Method of Allocation IP Address

IP Address Configuration method; DHCPv4, Mobile IPv4, DHCPv6, Mobile IPv6, IPv6 stateless address auto configuration

Previous IP Address

Previously assigned IP Address of MS on the secondary management connection. If not previously assigned, the value is 0.

[***Remove Table 457]***

[***Add the following to page 123 line 51]***

MS Address

MAC Address of MS that requests ranging

Result Code

Result of ranging request; Failed, Succeed

Resource Retain Flag

Indicates whether the serving BS will retain or delete the connection information of the MS during HO

HO Process Optimization

Network re-entry process optimization after handover

[***Remove Table 458]***

[***Add the following to page 124 line 47]***

MS Address

MAC Address of MS that requests ranging

Result Code

Result of ranging request; Failed, Succeed

Resource Retain Flag

Indicates whether the serving BS will retain or delete the connection information of the MS during HO

HO Process Optimization

Network re-entry process optimization after handover

[***Remove Table 459]***

[*Add the following to page 126 line 41]*

IP Management Mode
The IP management mode parameter dictates whether the provider intends to manage the SS on an ongoing basis via IP-based mechanisms; Unmanaged mode, IP-managed mode

IP Version
IP version; version 4, version 6

Method of Allocation IP Address
IP Address Configuration method; DHCPv4, Mobile IPv4, DHCPv6, Mobile IPv6, IPv6 stateless address auto configuration

Skip IP Address Acquisition
This indicates to an MS whether it should reacquire its IP address on the secondary management connection and related context or reuse its prior context; No IP address change, Re-acquire IP address

[***Remove Table 460]***

[*Add the following to page 127 line 44]*

IP Management Mode
The IP management mode parameter dictates whether the provider intends to manage the SS on an ongoing basis via IP-based mechanisms; Unmanaged mode, IP-managed mode

IP Version
IP version; version 4, version 6

Method of Allocation IP Address
IP Address Configuration method; DHCPv4, Mobile IPv4, DHCPv6, Mobile IPv6, IPv6 stateless address auto configuration

Skip IP Address Acquisition
This indicates to an MS whether it should reacquire its IP address on the secondary management connection and related context or reuse its prior context; No IP address change, Re-acquire IP address

[***Remove Table 461]***

[*Add the following to page 129 line 46]*

Operator ID
Identifier of the network provider

N_Neighbors
The count of the unique combination of Neighbor BSID, HO Process Optimization and DCD/UCD information

Neighbor BSID
Base Station ID

HO Process Optimization
Network re-entry process optimization after handover
Bit #0: Omit SBC-REQ/RSP management messages during re-entry processing
Bit #1: Omit PKM Authentication phase except TEK phase during re-entry processing
Bit #2: Omit PKM TEK creation phase during re-entry processing
Bit #3: Omit REG-REQ/RSP management messages during re-entry processing
Bit #4: Omit Network Address Acquisition management messages during re-entry processing
Bit #5: Omit Time of Day Acquisition management messages during re-entry processing
Bit #6: Omit TFTP management messages during re-entry processing
Bit #7: Full service and operational state transfer or sharing between serving BS and target BS (ARQ, timers, counters, MAC state machines, etc)