Unified Naming Convention for M-SAP and C-SAP Primitives

Document Number: IEEE S802.16g-05/050
Date Submitted: 2005-09-14
Source:

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Venue:

IEEE 802 Interim Meeting Taiwan

Base Document:

[If this presentation accompanies an 802.16 document, cite the document number (e.g., IEEE C802.16x-02/NNr0) and URL <http://ieee802.org/16/… C80216x-02_NNr0.pdf>.]

Purpose:

This presentation outlines an unified naming schema for M-SAP and C-SAP

Unified Naming Convention
for M-SAP and C-SAP Primitives

Nortel, Intel, ZTE, HUAWEI

Primitive Naming Convention

SAP-type ------------> (C– Control, M– Management)

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Function Category ------------> (FCAPS, HO, PAG, …)

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Message type ------------> (REQ, RSP, IND)
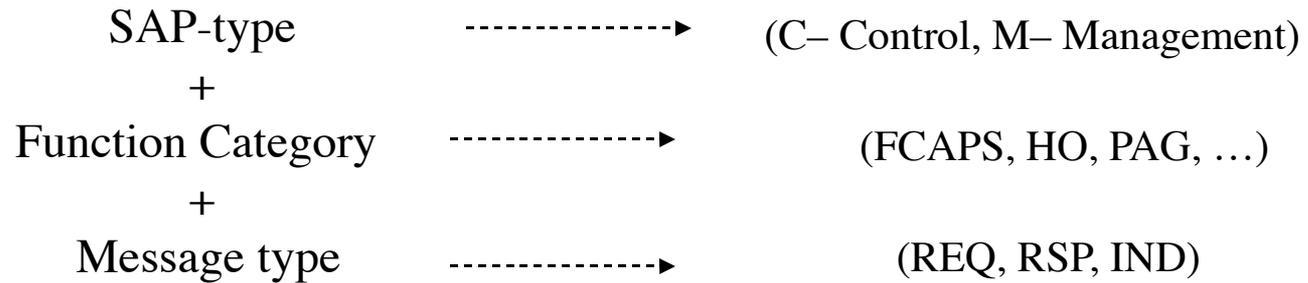
Generic Primitive Structure

Primitive-name (Operation-type, Managed-Object-ID,
Attribute-List, …, Sequence-number)

(Create, Delete, Get, Set, Action, Notify, Cancel)

Examples:

M-Config-REQ(Set, BS_ID, {Software_version, Update-date, …}, 1)

M-Config-RSP(Set, BS_ID, {Status, …}, 1)

C-HO-REQ(Action, NW_ID, {From-BS, To-BS, …})
C-HO-RSP(Action, {Status, …}))

M-Accounting-REQ(Get, BS_ID, {Billing-record, …})
M-Accounting-IND(Notify, NW_ID, {Billing-period …})

M-Security-REQ(Action, NW_ID, {From-BS, To-BS, Key, …})
M-Security-RSP(Action, NW_ID, {Status, …})