SCOREF Management Module
Configuration and Configuration File

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1. **Configuration File**
   SCOREF Management Module's (SCOREF-MGMT) configuration file is named by-default "IF.MGMT.conf" and may be supplied as the first parameter to the SCOREF-MGMT binary as shown below:

   $ IF.MGMT <configurationFile>

   Otherwise a configuration file with the default name will be looked for in the current directory.

   Parameters and values must adhere to following format,

   = <value>

   Example: CONF_SERVER_PORT = 1402

2. **Generic Configuration Parameters**
   Currently there is only one generic configuration parameter which is used to set the port number of UDP server.

   CONF_SERVER_PORT

3. **Management Information Base / Common Parameters**
   Common parameters are for both Facilities and Networking and they have "MIB_GN_ALL_" prefix in their names.

4. **Management Information Base / Network Parameters**
   Network parameters are present to set Networking configuration and they have "MIB_GN_NET_" prefix in their names.

5. **Management Information Base / Facilities Parameters**
   Facilities are present to set Facilities configuration and they have "MIB_GN_FAC_" prefix in their names.

6. **Communication Profiles**
   Communication profile parameters adhere to the configuration parameter syntax mentioned in Section 1 but their value part is extended and can be comma and/or semicolon separated. This will be explained through the profiles defined in SCOREF-L221 section 4.1.3 Les Profils de Communication.

CP1 = BTP,GN,ITSG5,CCH

This first communication profile has BTP as transport layer protocol, GN as network layer protocol, ITS G5 as access layer protocol, and CCH as channel, and all these configuration items are separated by a comma.

CP11 = TCP:UDP,IPv4/v6:DSMIPv4/v6,3G

This eleventh communication profile has TCP and UDP as transport layer protocols, IPv4/v6 and DSM IPv4/v6 as network layer protocols, and 3G as access layer protocol. So as seen here, each profile's layer information is comma-separated, but each layer's protocol information is semi-colon separated. Leaving spaces around comma and semi-colon characters will cause syntax errors.

All the strings necessary to define a communication profile is given below,

Transport	Network	Access	Channel
BTP_A	GN	ITSG5	CCH
BTP_B	IPv6_GN	3G	SCH1
TCP	IPv6	11n	SCH2
UDP	IPv4	Ethernet	SCH3
RTP	IPv4/v6		SCH4
STCP	DSMIPv4/v6		

Please refer to SCOREF-L221 file for further reference.

7. Version History
1. Initial version (06/07/2012)