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\$Author: vesnaanusic \$

RuggedCom MIBs

All following MIBs are supported by RuggedSwitch firmware version

MIBs supported by RuggedCom products:

RuggedCom products support two sets of MIBs: proprietary MIBs
(RuggedCom_MIBs_mmddyy.zip)
and standard MIBs (Standard_MIBs_mmddyy.zip).

Standard_MIBs_mmddyy.zip contains following MIBs:

- Following is a list of MIBs contained by this file and rfc numbers from
which they are derived (if applicable):

- rfc2578.mib (SNMPv2-SMI: Structure of Management Information
Version 2)
- rfc2579.mib (SNMPv2-TC: Textual Conventions for SMIV2)
- rfc2580.mib (SNMPv2-CONF: Conformance Statements for SMIV2)
- IANAifType-MIB (IANAifType Textual Convention)
- rfc1907.mib (SNMPv2-MIB: Management Information Base for SNMPv2)
- rfc2011.mib (IP-MIB SNMPv2 Management Information Base for the
Internet Protocol using SMIV2)
- rfc2012.mib (TCP-MIB: SNMPv2 Management Information Base for the
Transmission Control Protocol using SMIV2)
- rfc2013.mib (UDP-MIB: Management Information Base for the UDP
using SMIV2)
- rfc2863.mib (IF-MIB: The Interfaces Group MIB)
- rfc2819.mib (RMON-MIB: Remote Network Monitoring Management
Information Base)
- rfc4318.mib (RSTP-MIB: Definitions of Managed Objects for
Bridges with Rapid Spanning Tree Protocol)
- rfc4188.mib (BRIDGE-MIB: Definitions of Managed Objects for Bridges)
- rfc3411.mib (SNMP-FRAMEWORK-MIB:
An Architecture for Describing Simple Network
Management Protocol (SNMP) Management Framework)
- rfc3414.mib (SNMP-USER-BASED-SM-MIB:
User-based Security Model (USM) for version
3 of the Simple Network Management Protocol
(SNMPv3))
- rfc3415.mib (SNMP-VIEW-BASED-ACM-MIB:
View-based Access Control Model (VACM) for
the Simple Management Protocol (SNMP))
- lldp-mib.mib (LLDP-MIB: Management Information Base module for LLDP
configuration, statistics, local system data
and remote systems data components.
This version of this MIB module is published as
subclause 12.1 of IEEE Std 802.1AB-2005;
see the standard itself for
full legal notices.)

- qBridge.mib (Q-BRIDGE-MIB Definitions of Managed Objects for Bridges
with Traffic Classes, Multicast Filtering, and
Virtual LAN Extensions - per RFC 4363)

RuggedCom_MIBs_mmddyy.zip contains following MIBs

- ruggedcom.mib	(RUGGEDCOM-MIB:	RuggedCom enterprise SMI)
- ruggedcomtraps.mib	(RUGGEDCOM-TRAPS-MIB:	RuggedCom traps definition)
- rssysinfo.mib	(RUGGEDCOM-SYS-INFO-MIB:	General system information about Ruggedcom device
- rcDot11.mib	(RUGGEDCOM-DOT11-MIB:	Management for wireless interface on Ruggedcom device
- ruggedswitch.mib	(RUGGEDCOM-SWITCH-MIB:	Management for RuggedCom Swiches)
- ruggedserver.mib	(RUGGEDCOM-SERVER-MIB:	Management for RuggedCom Server)
- ruggedmc30.mib	(RUGGEDCOM-MC30-MIB:	Management for RuggedCom Media Converter)

Compiling MIBs

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1. Some compilers succesfully compile individula MIBs but ruggedcomcomplete mib fails.
ruggedcomcomplete.mib should not be compiled if all individual MIBs are compiled adn loaded to the management tool. It can be used ONLY if compilers support that form of MIB. (Often reported by HPOpenView users).
 2. If enumeration names contain character '_' (underscore). Some compilers like smi2smir (XP built in compiler) do not support underscore in names. To resolve problem, character '_' should be removed.
Example:
Text like rs900v2_F(12) should be replaced by rs900v2F(12)
 3. Some compiler like smi2smir do not tolerate Agent Capabilities Variation. Note that Agent Capabilities statement is not well defined by standard and gives literaly NO INFORMATION to the SNMP management tool (it does give information to the tool developer if needed to restrict some syntaxes or access, so existance in MIBs is important). It can be omitted during compiling process.
Therefore, if compiler has a problem compiling ruggedswitch.mib, ruggedserver.mib and ruggedmc30.mib, they do not have to be compile. There will be no problem for SNMP funcionality.