PacketCable™ Management Event Identifiers Technical Report

PKT-TR-MEMEVENT-ID-V01-001128

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1 INTRODUCTION

PacketCable™ elements generate OSS events to indicate an alarm or other noteworthy condition and may report these events using the PacketCable Management Event Mechanism Specification [PKT-SP-MEM-I01-001128]. Events reported using the PacketCable OSS Event Reporting mechanism must be identified by an EventID assigned in this document.

All events delivered by (event mechanism document) fit into two main categories: PacketCable-specific and vendor-specific. The exact meaning of PacketCable-specific events is defined in the individual PacketCable specifications. The exact meaning of vendor-specific events is out of the scope of the PacketCable project.

2 EVENT ID ASSIGNMENTS

- The EventID is a 32-bit unsigned integer.

- PacketCable-specific EventIDs must be defined in the range of 0x00000000 (decimal 0) to 0xFFFFFFFF (decimal 4,294,967,295). It is expected that this range is sufficiently large to accommodate both PacketCable-specific pre-defined EventIDs and PacketCable-specific programmable EventIDs.

- For PacketCable-specific pre-defined events, the EventID for the first event must be 0x00000000 and the EventID must be incremented by one for each additional event EventID assigned.

- For PacketCable-specific programmable events, the EventID for the first event must be 0xFFFFFFFF and the EventID must be decremented by one for each additional EventID assigned.

- Vendor-specific EventIDs must be defined in the range of 0x00000000 (decimal 0) to 0xFFFFFFFF (decimal 4,294,967,295). It is expected that this range is sufficiently large to accommodate both vendor-specific pre-defined EventIDs and vendor-specific programmable EventIDs.

- Vendor-specific EventIDs must be unique for a particular vendor's enterprise number in *sysObjectID*.

- For vendor-specific pre-defined events, the EventID for the first event must be 0x00000000 and the EventID must be incremented by one for each additional EventID assigned.

- For PacketCable programmable events, the EventID for the first event must be 0xFFFFFFFF and the EventID must be decremented by one for each additional EventID assigned.

2.1 PacketCable-Specific Pre-Defined Event IDs

None defined at this time.

2.2 PacketCable-Specific Programmable Event IDs

PacketCable-specific Programmable Event IDs			
Enterprise Number	**PacketCable Event ID**	**Event Name**	**PacketCable Specification that defines the event**
4491	65,535	PL-EV-1	PKT-SP-PL-I01
4491	65,534	PL-EV-2	PKT-SP-PL-I01
4491	65,533	PL-EV-3	PKT-SP-PL-I01
4491	65,532	PL-EV-4	PKT-SP-PL-I01
4491	65,531	PL-EV-5	PKT-SP-PL-I01
4491	65,530	PL-EV-6	PKT-SP-PL-I01
4491	65,529	PL-EV-7	PKT-SP-PL-I01
4491	65,528	PL-EV-8	PKT-SP-PL-I01

2.3 Vendor-Specific Pre-Defined Event IDs

None will be defined at this time.

2.4 Vendor-Specific Programmable Event IDs

None will be defined at this time.