

## BMC SNMP Alert List (Aug. 2018 Rev.5.6)

This document is the list of SNMP Alert(PET(Platform Event Trap)Alert) which is sent from the BMC on Express5800 Servers.

### Source

This item is shown in 'Source' column in the AlertViewer of NEC ESMPRO Manager.

### Type

This item is shown in 'Type' column in the AlertViewer of NEC ESMPRO Manager.

PET Specific Trap Field

This item is shown as 'specific trap' information in AlertViewer of NEC ESMPRO Manager.

This item's first one byte (00h) may be different from 'specific trap' information in Alert Viewer of NEC ESMPRO Manager.

Depending on server model, this item's first one byte (00h) may not exists in PET data.

### Event ID

Shows the EventID for each alert. This item is shown in 'Event ID' in the AlertViewer of NEC ESMPRO Manager.

### Error Type

Shows the error type of the alert to send. Three types, 'Error', 'Warning', 'Information', are exists.

### Summary

This item is whoen in 'Summary' in the AlertViewer of NEC ESMPRO Manager.

Details

This item is shown in 'Details' in the AlertViewer of NEC ESMPRO Manager.

### Alerts

\*: This event will be send. \*1

Empty: This event will not be send. \*2

Send alert to NEC Service Center by Express Report Service(MG).

\*: This event will be send to NEC Service Center by Express Report Service(MG).

### <Notes>

\*1 If the NEC ESMPRO Agent is installed to the server, BMC does not send any SNMP alerts. Does not depend on the existence of NEC ESMPRO ServerAgentService.

\*2 This event will not occur.

\*3 This event will occur when the server have redundancy PSU.

\*4 This event will occur when the server have reset button.

\*5 This event will occur when the server have dust filter.

\*6 This event will occur when PCIESSD is mounted and NEC ESMPRO ServerAgentService is installed.

\*7 IP "Memory Redundancy" item is not exists, please select "Memory".

\*8 Configuration of OpenIPMI is required in Linux OS.

\*9 Windows OS only.

\*10 Occurrence of this event is depending on the OS on the server.

Source	Type	PET Specific Trap Field	Event ID	Error Type	Summary	Details	Item name in EXPRESSSCOPE Engine3 Web Console	T110i R110i-1	T110i-S R110h-1	T110f-E R110f-1E	T110g-E R110g-1E	T120d T120e	R120f-2M R120d-1M R120d-2E R120e-2M R120e-1M R120e-2E R120e-1E	R120f-2M R120d-1M R120f-1E	R120g-2M R120g-1M R120g-1E	R120f-2E	T120f	T120g B120f B120g-h B120g-h	B120d-h B120e-h	B120d-1	E120d-M E120e-M	E120f-M	E120g-M	D120h		A2040b A2040c A2040h A2040m A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y A2040z A2040c A2040d A2040e A2040f A2040g A2040h A2040i A2040j A2040k A2040l A2040m A2040n A2040o A2040p A2040q A2040r A2040s A2040t A2040u A2040v A2040w A2040x A2040y



Alert Viewer					EXPRESSSCOPE Engine3																										(Note) The information contains in mail alert which is send from EXPRESSSCOPE Engine3 or SP3. "Event Information" is first line and "Description" is second line.									
Source	Type	PET Specific Trap Field	Event ID	Error Type	Summary	Details						Item name in EXPRESSSCOPE Engine3 Web Console	T110i R110i-1	T110i-S R110h-1	T110h R110h-1	T110f-E R110f-1E	T110g-E R110g-1E	T120d R120e-2M	T120f-2M R120f-1E	R120f-2M R120f-1M	R120g-2M R120g-1M	R120g-2E R120g-h	T120f R120e-2M	T120g R120g-h	B120f B120g-h	B120d B120e-h	B120d-h B120e-h	E120d-1 E120e-M	E120d-M E120e-M	E120f-M E120e-M	E120g-M E120e-M	D120h				A2040d A2020d A1040b A2040c A2020c A2010c A1040c	A2040e A2020e A1040b A2040c A2020c A2010c A1040c	A2040d A2020d A1040d A2040e A2020e A1040e A2040d A2020d A1040d	Send alert to NEC Service Center by Express Report Service(MG).	
						T110i R110i-1	T110i-S R110h-1	T110h R110h-1	T110f-E R110f-1E	T110g-E R110g-1E	T120d R120e-2M																													
BMC	IPMI	00080900	[40000890]	Information	Power Supply(Missing) Error	Power Supply(Missing) Error Device Disabled																											*	Power Supply(Missing) - Information Device Disabled						
BMC	IPMI	00080901	[40000891]	Information	Power Supply(Missing) Recovery	Power Supply(Missing) Recovery Device Enabled																											*	Power Supply(Missing) - Recovery Device Enabled						
BMC	IPMI	00096F05	[C0000905]	Error	Power Unit Error	Power Unit Error Soft Power Control Failure (unit did not respond to request to turn on)	Power Unit State	*	*	*						*	*	*	*	*	*	*											*	Power Unit - Error Soft Power Control Failure(unit did not respond to request to turn on)						
BMC	IPMI	00096F04	[40000904]	Information	Power Unit Error	Power Unit Error AC lost	Power Unit State	*																									*	Power Unit - Error AC lost						
BMC	IPMI	00096F84	[40000904]	Information	Power Unit Recovery	Power Unit Recovery AC lost	Power Unit State	*																									*	Power Unit - Information AC lost						
BMC	IPMI	00090A07	[400009A7]	Information	Power Unit Information	Power Unit Information Transition to Power Save	Power Unit State																										*	Power Unit - Information Transition to Power Save						
BMC	IPMI	00090A87	[400009A7]	Information	Power Unit Information	Power Unit Information Transition to Power Save	Power Unit State																										*	Power Unit - Information Transition to Power Save						
BMC	IPMI	00090B00	[400009B0]	Information	Power Unit Recovery *3	Power Unit Recovery *3 Redundancy Regained	Power Unit State	*	*	*						*	*	*	*	*	*	*										*	Power Unit - Recovery Redundancy Regained							
BMC	IPMI	00090B01	[800009B1]	Warning	Power Unit Information *3	Power Unit Information Redundancy Lost	Power Unit State	*	*	*						*	*	*	*	*	*	*									*	Power Unit - Information Redundancy Lost								
BMC	IPMI	00090B03	[C00009B3]	Error	Power Unit Information Non-Redundant(Sufficient Resources)	Power Unit Information Non-Redundant(Sufficient Resources from Insufficient Resources)	Power Unit State																							*	Power Unit - Error Non-Redundant(Sufficient Resources)									
BMC	IPMI	00090B03	[800009B3]	Warning	Power Unit Information Non-Redundant(Sufficient Resources from Insufficient Resources)	Power Unit Information Non-Redundant(Sufficient Resources from Insufficient Resources)	Power Unit State																						*	Power Unit - Recovery Non-Redundant(Sufficient Resources from Insufficient Resources)										
BMC	IPMI	00090B05	[C00009B5]	Error	Power Unit Error	Power Unit Error Non-Redundant(Insufficient Resources)	Power Unit State																						*	Power Unit - Error Non-Redundant(Insufficient Resources)										
BMC	IPMI	000C0B01	[80000CB1]	Warning	Memory Information	Memory Redundancy Error	Memory																						*	Memory - Error Redundancy Lost										
BMC	IPMI	000C0B01	[40000CB1]	Information	Memory Information	Memory Redundancy Information	Memory									*	*	*	*	*	*	*							*	Memory - Information Redundancy Lost										
BMC	IPMI	000C6F00	[40000C00]	Information	Memory Information	Memory Information Memory corrected	Memory	*	*	*						*	*	*	*	*	*	*							*	Memory - Error Correctable ECC										
BMC	IPMI	000C6F00	[80000C00]	Warning	Memory Information	Memory Information Memory corrected	Memory	-																				*	-											
BMC	IPMI	000C6F01	[C0000C01]	Error	Memory Error	Memory Error Uncorrectable ECC memory error occurred	Memory	*	*	*						*	*	*	*	*	*	*							*	Memory - Error Uncorrectable ECC										
BMC	IPMI	000C6F03	[80000C03]	Warning	Memory Error	Memory Error Memory Scrub Failed (stuck bit)	Memory																					*	Memory - Error Memory Scrub Failed(stuck bit)											
BMC	IPMI	000C6F05	[40000C05]	Information	Memory Error	Memory Error Correctable ECC / other correctable memory error logging limit reached	Memory									*	*	*	*	*	*	*							*	Memory - Error Correctable ECC/other correctable memory error logging limit reached										
BMC	IPMI	000C6F05	[80000C05]	Warning	Memory Error	Memory Error Correctable ECC / other correctable memory error logging limit reached	Memory																					*	Memory - Error Correctable ECC/other correctable memory error logging limit reached											
BMC	IPMI	000C6F05	[C0000C05]	Error	Memory Error	Memory Error Correctable ECC / other correctable memory error logging limit reached	Memory																					*	-											
BMC	IPMI	000D6F00	[40000D00]	Information	Drive Slot(Bay) Information	Drive Slot(Bay) Information Device Presence	Drive Slot(Bay)																						*	Drive Slot(Bay) - Information Device Presence										
BMC	IPMI	000D6F80	[40000D00]	Information	Drive Slot(Bay) Information	Drive Slot(Bay) Information Device Presence	Drive Slot(Bay)																					*	Drive Slot(Bay) - Information Device Presence											
BMC	IPMI	000D6F01	[80000D01]	Warning	Drive Slot(Bay) Error	Drive Slot(Bay) Error Drive Fault	Drive Slot(Bay)	*	*	*						*	*	*	*	*	*	*							*	Drive Slot(Bay) - Error Drive Fault										
BMC																																								



Alert Viewer					EXPRESSSCOPE Engine3																		(Note) The information contains in mail alert which is send from EXPRESSSCOPE Engine3 or SP3. "Event Information" is first line and "Description" is second line.					
Source	Type	PET Specific Trap Field	Event ID	Error Type	Summary	Details		EXPRESSSCOPE Engine3																		(Note) The information contains in mail alert which is send from EXPRESSSCOPE Engine3 or SP3. "Event Information" is first line and "Description" is second line.		
						Item name in EXPRESSSCOPE Engine3 Web Console	T110i R110i-1	T110i-S R110h-1	T110h R110h-S	T110f-E R110f-1E	T110g-E R110g-S	T120d T120e	R120d-2M R120d-1M R120d-2E R120d-1E R120e-2M R120e-1M R120e-2E R120e-1E	R120f-2M R120f-1M R120f-1E	R120g-2M R120g-1M R120g-1E	R120f-2E	T120f	T120g	B120f B120g-h	B120d-h B120e-h	E120d-1	E120d-M E120e-M	E120f-M E120g-M	D120h	A2040D A2020B A2010B A1040B A2020C A2010C A1040C	A2040D A2020E A2010D A1040E A2020E-D A2010E-D	A2040E A2020E A1040E A2020E-D A2010E-D	Send alert to NEC Service Center by Express Report Service(MG).
BMC	IPMI	00F67301	[C000F601]	Error	Sensor Failure	Sensor Failure I2C Bus Device Error Detected	Sensor Failure	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Sensor Failure I2C Bus Device Error Detected		
BMC	IPMI	00F67302	[C000F602]	Error	Sensor Failure	Sensor Failure I2C Bus Timeout	Sensor Failure	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Sensor Failure I2C Bus Timeout		
BMC	IPMI	00F80100	[8000F810]	Warning	Dust Filter Sensor Error *5	Dust Filter Sensor Error Transition to Non-Critical from OK	Dust Filter Sensor	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Dust Filter Sensor - Error Lower Non-critical - going low		
BMC	IPMI	00F80180	[4000F810]	Information	Dust Filter Sensor Recovery *5	Dust Filter Sensor Recovery	Dust Filter	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Dust Filter Sensor - Recovery Lower Non-critical - going low		
BMC	IPMI	00FE6F00	[4000FE00]	Information	System Specific Power State Information	System Specific Power State Information	System Specific Power State																		System Specific Power State - Information Power State Changed			
BMC	IPMI	00FE6F01	[4000FE01]	Information	System Specific Power State Information	System Specific Power State Information	System Specific Power State																		System Specific Power State - Information Power Request In Progress - Enclosure Manager Busy			
BMC	IPMI	00FE6F03	[4000FE03]	Information	System Specific Power State Error	System Specific Power State Error	System Specific Power State																		System Specific Power State - Error Power ON Inhibited - E-Keying Error			
BMC	IPMI	00FE6F04	[4000FE04]	Information	System Specific Power State Error	System Specific Power State Error	System Specific Power State																		System Specific Power State - Error Power ON Inhibited - Location Error			
BMC	IPMI	00FE6F05	[4000FE05]	Information	System Specific Power State Error	System Specific Power State Error	System Specific Power State																		System Specific Power State - Error Power ON Inhibited - Cooling Error			
BMC	IPMI	00FE6F06	[4000FE06]	Information	System Specific Power State Information	System Specific Power State Information	System Specific Power State																		System Specific Power State - Information Enclosure Manager Not Responded			