EVIDEN

BullSequana EX

Redfish Events Messages

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Hardware

September 2024

Contents

1 Introduction

This document presents the Redfish events messages.

2 Get the events

2.1 Recorded Redfish entries list

To get the entries recorded by OpenBMC, the Redfish logService schema can be used by sending a HTTP GET on /redfish/v1/Managers/bmc/LogServices/EventLog/Entries: this command lists the recorded events.

Here is an example of an event entry:

```
{
  "@odata.id": "/redfish/v1/Managers/bmc/LogServices/EventLog/Entries/1648130777_3",
  "@odata.type": "#LogEntry.v1_4_0.LogEntry",
  "Created": "2022-03-24T14:06:17+00:00",
  "EntryType": "Event",
  "Id": "1648130777_3",
  "Message": "/xyz/openbmc_project/sensors/voltage/p3v3 sensor crossed a critical low
threshold going low. Reading=0 Threshold=2.",
  "MessageArgs": [
    "/xyz/openbmc_project/sensors/voltage/p3v3",
    "0",
    "2"
  ],
  "MessageId": "OpenBMC.0.1.SensorThresholdCriticalLowGoingLow",
  "Name": "System Event Log Entry",
  "Severity": "Critical"
},
```

The description of each fields is given into the Redfish standard, please refer to the LogEntry schema documentation to have more explanation.

The MessageId field permits to retrieve the information in paragraph "Messages Description": the first part ("OpenBMC" in the example) is relative to the message registry name where the message ("SensorThresholdCriticalLowGoingLow" here) belongs to.

2.2 Events description list through Redfish

The Redfish MessageRegistryFile schema lists the different messages registries resources. The URL is /redfish/v1/Registries:

```
{
    "@odata.id": "/redfish/v1/Registries",
    "@odata.type": "#MessageRegistryFileCollection.MessageRegistryFileCollection",
    "Description": "Collection of MessageRegistryFiles",
    "Members": [
        {
        "@odata.id": "/redfish/v1/Registries/Base"
```

```
            },
            {
                "@odata.id": "/redfish/v1/Registries/TaskEvent"
            },
            {
                "@odata.id": "/redfish/v1/Registries/ResourceEvent"
            },
            {
                "@odata.id": "/redfish/v1/Registries/Atos"
            },
            {
                "@odata.id": "/redfish/v1/Registries/OpenBMC"
            }
        ],
        "Members@odata.count": 5,
        "Name": "MessageRegistryFile Collection"
}
```

Each registry resource gives the list of the messages desciptions. A message description looks like this:

```
"SensorThresholdCriticalLowGoingLow": {
    "Description": "Indicates that a threshold sensor has crossed a critical low
threshold going low.",
    "Message": "%1 sensor crossed a critical low threshold going low. Reading=%2
Threshold=%3.",
    "MessageSeverity": "Critical",
    "NumberOfArgs": 3,
    "ParamTypes": [
        "string",
        "number",
        "number"
    ],
    "Resolution": "Check the sensor or subsystem for errors.",
    "Severity": "Critical"
},
```

The description of each fields is given into the Redfish standard, please refer to the MessageRegistry schema documentation.

3 Messages Description

This section describes all the Redfish messages which could be sent by OpenBMC.

3.1 Base Message Registry

3.1.1 Registry Description

Parameters	Values
Description	This registry defines the base messages for Redfish
Identifier	Base.1.8.1

3.1.2 Messages

3.1.2.1 AccessDenied

Parameters	Values
Description	Indicates that while attempting to access, connect to or transfer to/from another resource, the service denied access.
Message	While attempting to establish a connection to %1, the service denied access.
Argument	%1: string
Severity	Critical
Resolution	Attempt to ensure that the URI is correct and that the service has the appropriate credentials.

3.1.2.2 AccountForSessionNoLongerExists

Parameters	Values
Description	Indicates that the account for the session has been removed, thus the session has been removed as well.
Message	The account for the current session has been removed, thus the current session has been removed as well.
Severity	OK
Resolution	Attempt to connect with a valid account.

3.1.2.3 AccountModified

Parameters	Values
Description	Indicates that the account was successfully modified.
Message	The account was successfully modified.
Severity	OK
Resolution	No resolution is required.

3.1.2.4 AccountNotModified

Parameters	Values
Description	Indicates that the modification requested for the account was not successful.
Message	The account modification request failed.
Severity	Warning
Resolution	The modification may have failed due to permission issues or issues with the request body.

3.1.2.5 AccountRemoved

Parameters	Values
Description	Indicates that the account was successfully removed.
Message	The account was successfully removed.
Severity	OK
Resolution	No resolution is required.

3.1.2.6 ActionNotSupported

Parameters	Values
Description	Indicates that the action supplied with the POST operation is not supported by the resource.
Message	The action %1 is not supported by the resource.
Argument	%1: string
Severity	Critical
Resolution	The action supplied cannot be resubmitted to the implementation. Perhaps the action was invalid, the wrong resource was the target or the implementation documentation may be of assistance.

3.1.2.7 ActionParameterDuplicate

Parameters	Values
Description	Indicates that the action was supplied with a duplicated parameter in the request body.
Message	The action %1 was submitted with more than one value for the parameter %2.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	Resubmit the action with only one instance of the parameter in the request body if the operation failed.

3.1.2.8 ActionParameterMissing

Parameters	Values
Description	Indicates that the action requested was missing a parameter that is required to process the action.
Message	The action %1 requires the parameter %2 to be present in the request body.
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	Supply the action with the required parameter in the request body when the request is resubmitted.

3.1.2.9 ActionParameterNotSupported

Parameters	Values
Description	Indicates that the parameter supplied for the action is not supported on the resource.
Message	The parameter %1 for the action %2 is not supported on the target resource.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	Remove the parameter supplied and resubmit the request if the operation failed.

3.1.2.10 ActionParameterUnknown

Parameters	Values
Description	Indicates that an action was submitted but a parameter supplied did not match any of the known parameters.
Message	The action %1 was submitted with the invalid parameter %2.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	Correct the invalid parameter and resubmit the request if the operation failed.

3.1.2.11 ActionParameterValueFormatError

Parameters	Values
Description	Indicates that a parameter was given the correct value type but the value of that parameter was not supported. This includes value size/length exceeded.
Message	The value %1 for the parameter %2 in the action %3 is of a different format than the parameter can accept.
Arguments	%1: string
	%2: string
	%3: string
Severity	Warning
Resolution	Correct the value for the parameter in the request body and resubmit the request if the operation failed.

3.1.2.12 ActionParameterValueTypeError

Parameters	Values
Description	Indicates that a parameter was given the wrong value type, such as when a number is supplied for a parameter that requires a string.
Message	The value %1 for the parameter %2 in the action %3 is of a different type than the parameter can accept.
Arguments	%1: string
	%2: string
	%3: string
Severity	Warning
Resolution	Correct the value for the parameter in the request body and resubmit the request if the operation failed.

3.1.2.13 ChassisPowerStateOffRequired

Parameters	Values
Description	Indicates that the request requires a specified Chassis to be powered off.
Message	The Chassis with Id '%1' requires to be powered off to perform this request.
Argument	%1: string
Severity	Warning
Resolution	Power off the specified Chassis and resubmit the request.

3.1.2.14 ChassisPowerStateOnRequired

Parameters	Values
Description	Indicates that the request requires a specified Chassis to be powered on.
Message	The Chassis with Id '%1' requires to be powered on to perform this request.
Argument	%1: string
Severity	Warning
Resolution	Power on the specified Chassis and resubmit the request.

3.1.2.15 CmosClearRequired

Parameters	Values
Description	Indicates that a clear cmos is required for changes or operations to complete.
Message	In order to complete the operation, a clear cmos is required.
Severity	Warning
Resolution	Mandatory to clear CMOS to see new changes.

3.1.2.16 CouldNotEstablishConnection

Parameters	Values
Description	Indicates that the attempt to access the resource/file/image at the URI was unsuccessful because a session could not be established.
Message	The service failed to establish a connection with the URI %1.
Argument	%1: string
Severity	Critical
Resolution	Ensure that the URI contains a valid and reachable node name, protocol information and other URI components.

3.1.2.17 CreateFailedMissingReqProperties

Parameters	Values
Description	Indicates that a create was attempted on a resource but that properties that are required for the create operation were missing from the request.
Message	The create operation failed because the required property %1 was missing from the request.
Argument	%1: string
Severity	Critical
Resolution	Correct the body to include the required property with a valid value and resubmit the request if the operation failed.

3.1.2.18 CreateLimitReachedForResource

Parameters	Values
Description	Indicates that no more resources can be created on the resource as it has reached its create limit.
Message	The create operation failed because the resource has reached the limit of possible resources.
Severity	Critical
Resolution	Either delete resources and resubmit the request if the operation failed or do not resubmit the request.

3.1.2.19 Created

Parameters	Values
Description	Indicates that all conditions of a successful creation operation have been met.
Message	The resource has been created successfully
Severity	OK
Resolution	None

3.1.2.20 EmptyJSON

Parameters	Values
Description	Indicates that the request body contained an empty JSON object when one or more properties are expected in the body.
Message	The request body submitted contained an empty JSON object and the service is unable to process it.
Severity	Warning
Resolution	Add properties in the JSON object and resubmit the request.

3.1.2.21 EventSubscriptionLimitExceeded

Parameters	Values
Description	Indicates that a event subscription establishment has been requested but the operation failed due to the number of simultaneous connection exceeding the limit of the implementation.
Message	The event subscription failed due to the number of simultaneous subscriptions exceeding the limit of the implementation.
Severity	Critical
Resolution	Reduce the number of other subscriptions before trying to establish the event subscription or increase the limit of simultaneous subscriptions (if supported).

3.1.2.22 GeneralError

Parameters	Values
Description	Indicates that a general error has occurred. Use in ExtendedInfo is discouraged. When used in ExtendedInfo, implementations are expected to include a Resolution property with this error to indicate how to resolve the problem.
Message	A general error has occurred. See Resolution for information on how to resolve the error.
Severity	Critical
Resolution	None.

3.1.2.23 InsufficientPrivilege

Parameters	Values
Description	Indicates that the credentials associated with the established session do not have sufficient privileges for the requested operation
Message	There are insufficient privileges for the account or credentials associated with the current session to perform the requested operation.
Severity	Critical
Resolution	Either abandon the operation or change the associated access rights and re-submit the request if the operation failed.

3.1.2.24 InternalError

Parameters	Values
Description	Indicates that the request failed for an unknown internal error but that the service is still operational.
Message	The request failed due to an internal service error. The service is still operational.
Severity	Critical
Resolution	Resubmit the request. If the problem persists, consider resetting the service.

3.1.2.25 InternalFailure

Parameters	Values
Description	Indicates that the service encountered an unrecognizable request
Message	The operation failed internally.
Argument	%1: string
Severity	Critical
Resolution	Correct the request body and resubmit the request if it failed.

3.1.2.26 InvalidArgument

Parameters	Values
Description	Indicates that the service encountered an unrecognizable request
Message	Invalid argument was given.
Argument	%1: string
Severity	Critical
Resolution	Correct the request body and resubmit the request if it failed.

3.1.2.27 InvalidIndex

Parameters	Values
Description	The Index is not valid.
Message	The Index %1 is not a valid offset into the array.
Argument	%1: number
Severity	Warning
Resolution	Verify the index value provided is within the bounds of the array.

3.1.2.28 InvalidObject

Parameters	Values
Description	Indicates that the object in question is invalid according to the implementation. Examples include a firmware update malformed URI.
Message	The object at %1 is invalid.
Argument	%1: string
Severity	Critical
Resolution	Either the object is malformed or the URI is not correct. Correct the condition and resubmit the request if it failed.

3.1.2.29 MalformedJSON

Parameters	Values
Description	Indicates that the request body was malformed JSON. Could be duplicate, syntax error,etc.
Message	The request body submitted was malformed JSON and could not be parsed by the receiving service.
Severity	Critical
Resolution	Ensure that the request body is valid JSON and resubmit the request.

3.1.2.30 MaximumErrorsExceeded

Parameters	Values
Description	Indicates that sufficient errors have occurred that the reporting service cannot return them all.
Message	Too many errors have occurred to report them all.
Severity	Critical
Resolution	Resolve other reported errors and retry the current operation.

3.1.2.31 MutualExclusiveProperties

Parameters	Values
Description	Indicates that the requested operation could not be completed, because of a conflict properties.
Message	The properties '%1' and '%2' are mutually exclusive.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	Ensure that the request body doesn't have mutually exclusive properties and resubmit the request.

3.1.2.32 NoOperation

Parameters	Values
Description	Indicates that the requested operation will not perform any changes on the service.
Message	The request body submitted contain no data to act upon and no changes to the resource took place.
Severity	Warning
Resolution	Add properties in the JSON object and resubmit the request.

3.1.2.33 NoValidSession

Parameters	Values
Description	Indicates that the operation failed because a valid session is required in order to access any resources.
Message	There is no valid session established with the implementation.
Severity	Critical
Resolution	Establish a session before attempting any operations.

3.1.2.34 OperationFailed

Parameters	Values
Description	Indicates that one of the internal operations necessary to complete the request failed. Examples of this are when an internal service provider is unable to complete the request, such as in aggregation or RDE.
Message	An error occurred internal to the service as part of the overall request. Partial results may have been returned.
Severity	Warning
Resolution	Resubmit the request. If the problem persists, consider resetting the service or provider.

3.1.2.35 OperationTimeout

Parameters	Values
Description	Indicates that one of the internal operations necessary to complete the request timed out. Examples of this are when an internal service provider is unable to complete the request, such as in aggregation or RDE.
Message	A timeout internal to the service occured as part of the request. Partial results may have been returned.
Severity	Warning
Resolution	Resubmit the request. If the problem persists, consider resetting the service or provider.

3.1.2.36 PasswordChangeRequired

Parameters	Values
Description	Indicates that the password for the account provided must be changed before accessing the service. The password can be changed with a PATCH to the 'Password' property in the ManagerAccount resource instance. Implementations that provide a default password for an account may require a password change prior to first access to the service.
Message	The password provided for this account must be changed before access is granted. PATCH the 'Password' property for this account located at the target URI '%1' to complete this process.
Argument	%1: string
Severity	Critical
Resolution	Change the password for this account using a PATCH to the 'Password' property at the URI provided.

3.1.2.37 PowerCycleRequired

Parameters	Values
Description	Indicates that a board power cycle is required for changes or operations to complete.
Message	In order to complete the operation, a board power cycle is required.
Severity	Warning
Resolution	Perform the power cycle action.

3.1.2.38 PreconditionFailed

Parameters	Values
Description	Indicates that the ETag supplied did not match the current ETag of the resource.
Message	The ETag supplied did not match the ETag required to change this resource.
Severity	Critical
Resolution	Try the operation again using the appropriate ETag.

3.1.2.39 PreconditionRequired

Parameters	Values
Description	Indicates that the request did not provide the required precondition such as an If-Match or If-None-Match header, or @odata.etag annotations.
Message	A precondition header or annotation is required to change this resource.
Severity	Critical
Resolution	Try the operation again using an If-Match or If-None-Match header and appropriate ETag.

3.1.2.40 PropertyDuplicate

Parameters	Values
Description	Indicates that a duplicate property was included in the request body.
Message	The property %1 was duplicated in the request.
Argument	%1: string
Severity	Warning
Resolution	Remove the duplicate property from the request body and resubmit the request if the operation failed.

3.1.2.41 PropertyMissing

Parameters	Values
Description	Indicates that a required property was not supplied as part of the request.
Message	The property %1 is a required property and must be included in the request.
Argument	%1: string
Severity	Warning
Resolution	Ensure that the property is in the request body and has a valid value and re-submit the request if the operation failed.

3.1.2.42 PropertyNotWritable

Parameters	Values
Description	Indicates that a property was given a value in the request body, but the property is a readonly property.
Message	The property %1 is a read only property and cannot be assigned a value.
Argument	%1: string
Severity	Warning
Resolution	Remove the property from the request body and resubmit the request if the operation failed.

3.1.2.43 PropertyUnknown

Parameters	Values
Description	Indicates that an unknown property was included in the request body.
Message	The property %1 is not in the list of valid properties for the resource.
Argument	%1: string
Severity	Warning
Resolution	Remove the unknown property from the request body and resubmit the request if the operation failed.

3.1.2.44 PropertyValueConflict

Parameters	Values
Description	Indicates that the requested write of a property value could not be completed, because of a conflict with another property value.
Message	The property '%1' could not be written because its value would conflict with the value of the '%2' property.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	No resolution is required.

3.1.2.45 PropertyValueFormatError

Parameters	Values
Description	Indicates that a property was given the correct value type but the value of that property was not supported.
Message	The value %1 for the property %2 is of a different format than the property can accept.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	Correct the value for the property in the request body and resubmit the request if the operation failed.

3.1.2.46 PropertyValueIncorrect

Parameters	Values
Description	Indicates that the requested write of a property value could not be completed, because of an incorrect value of the property. Examples include values that do not match a regular expression requirement or passwords that do not match the implementation constraints.
Message	The property '%1' with the requested value of '%2' could not be written because the value does not meet the constraints of the implementation.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	No resolution is required.

3.1.2.47 PropertyValueModified

Parameters	Values
Description	Indicates that a property was given the correct value type but the value of that property was modified. Examples are truncated or rounded values.
Message	The property %1 was assigned the value %2 due to modification by the service.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	No resolution is required.

3.1.2.48 PropertyValueNotInList

Parameters	Values
Description	Indicates that a property was given the correct value type but the value of that property was not supported. This values not in an enumeration
Message	The value %1 for the property %2 is not in the list of acceptable values.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	Choose a value from the enumeration list that the implementation can support and resubmit the request if the operation failed.

3.1.2.49 PropertyValueTypeError

Parameters	Values
Description	Indicates that a property was given the wrong value type, such as when a number is supplied for a property that requires a string.
Message	The value %1 for the property %2 is of a different type than the property can accept.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	Correct the value for the property in the request body and resubmit the request if the operation failed.

3.1.2.50 QueryCombinationInvalid

Parameters	Values
Description	Indicates the request contains multiple query parameters, and that two or more of them cannot be used together.
Message	Two or more query parameters in the request cannot be used together.
Severity	Warning
Resolution	Remove one or more of the query parameters and resubmit the request if the operation failed.

3.1.2.51 QueryNotSupported

Parameters	Values
Description	Indicates that query is not supported on the implementation.
Message	Querying is not supported by the implementation.
Severity	Warning
Resolution	Remove the query parameters and resubmit the request if the operation failed.

3.1.2.52 QueryNotSupportedOnOperation

Parameters	Values
Description	Indicates that query is not supported with the given operation, such as when an expand query is attemped with a PATCH operation.
Message	Querying is not supported with the requested operation.
Severity	Warning
Resolution	Remove the query parameters and resubmit the request if the operation failed.

3.1.2.53 QueryNotSupportedOnResource

Parameters	Values
Description	Indicates that query is not supported on the given resource, such as when a start/count query is attempted on a resource that is not a collection.
Message	Querying is not supported on the requested resource.
Severity	Warning
Resolution	Remove the query parameters and resubmit the request if the operation failed.

3.1.2.54 QueryParameterOutOfRange

Parameters	Values
Description	Indicates that a query parameter was supplied that is out of range for the given resource. This can happen with values that are too low or beyond that possible for the supplied resource, such as when a page is requested that is beyond the last page.
Message	The value %1 for the query parameter %2 is out of range %3.
Arguments	%1: string
	%2: string
	%3: string
Severity	Warning
Resolution	Reduce the value for the query parameter to a value that is within range, such as a start or count value that is within bounds of the number of resources in a collection or a page that is within the range of valid pages.

3.1.2.55 QueryParameterValueFormatError

Parameters	Values
Description	Indicates that a query parameter was given the correct value type but the value of that parameter was not supported. This includes value size/length exceeded.
Message	The value %1 for the parameter %2 is of a different format than the parameter can accept.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	Correct the value for the query parameter in the request and resubmit the request if the operation failed.

3.1.2.56 QueryParameterValueTypeError

Parameters	Values
Description	Indicates that a query parameter was given the wrong value type, such as when a number is supplied for a query parameter that requires a string.
Message	The value %1 for the query parameter %2 is of a different type than the parameter can accept.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	Correct the value for the query parameter in the request and resubmit the request if the operation failed.

3.1.2.57 ResetRequired

Parameters	Values
Description	Indicates that a component reset is required for changes or operations to complete.
Message	In order to complete the operation, a component reset is required with the Reset action URI '%1' and ResetType '%2'.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	Perform the required Reset action on the specified component.

3.1.2.58 ResourceAlreadyExists

Parameters	Values
Description	Indicates that a resource change or creation was attempted but that the operation cannot proceed because the resource already exists.
Message	The requested resource of type %1 with the property %2 with the value %3 already exists.
Arguments	%1: string
	%2: string
	%3: string
Severity	Critical
Resolution	Do not repeat the create operation as the resource has already been created.

3.1.2.59 ResourceAtUriInUnknownFormat

Parameters	Values
Description	Indicates that the URI was valid but the resource or image at that URI was in a format not supported by the service.
Message	The resource at %1 is in a format not recognized by the service.
Argument	%1: string
Severity	Critical
Resolution	Place an image or resource or file that is recognized by the service at the URI.

3.1.2.60 ResourceAtUriUnauthorized

Parameters	Values
Description	Indicates that the attempt to access the resource/file/image at the URI was unauthorized.
Message	While accessing the resource at %1, the service received an authorization error %2.
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	Ensure that the appropriate access is provided for the service in order for it to access the URI.

3.1.2.61 ResourceCannotBeDeleted

Parameters	Values
Description	Indicates that a delete operation was attempted on a resource that cannot be deleted.
Message	The delete request failed because the resource requested cannot be deleted.
Severity	Critical
Resolution	Do not attempt to delete a non-deletable resource.

3.1.2.62 ResourceCreationConflict

Parameters	Values
Description	Indicates that the requested resource creation could not be completed because the service has a resource that conflicts with the request.
Message	The resource could not be created. The service has a resource at URI '%1' that conflicts with the creation request.
Argument	%1: string
Severity	Warning
Resolution	No resolution is required.

3.1.2.63 ResourceExhaustion

Parameters	Values
Description	Indicates that a resource could not satisfy the request due to some unavailability of resources. An example is that available capacity has been allocated.
Message	The resource %1 was unable to satisfy the request due to unavailability of resources.
Argument	%1: string
Severity	Critical
Resolution	Ensure that the resources are available and resubmit the request.

3.1.2.64 ResourceInStandby

Parameters	Values
Description	Indicates that the request could not be performed because the resource is in standby.
Message	The request could not be performed because the resource is in standby.
Severity	Critical
Resolution	Ensure that the resource is in the correct power state and resubmit the request.

3.1.2.65 ResourceInUse

Parameters	Values
Description	Indicates that a change was requested to a resource but the change was rejected due to the resource being in use or transition.
Message	The change to the requested resource failed because the resource is in use or in transition.
Severity	Warning
Resolution	Remove the condition and resubmit the request if the operation failed.

3.1.2.66 ResourceMissingAtURI

Parameters	Values
Description	Indicates that the operation expected an image or other resource at the provided URI but none was found. Examples of this are in requests that require URIs like Firmware Update.
Message	The resource at the URI %1 was not found.
Argument	%1: string
Severity	Critical
Resolution	Place a valid resource at the URI or correct the URI and resubmit the request.

3.1.2.67 ResourceNotFound

Parameters	Values
Description	Indicates that the operation expected a resource identifier that corresponds to an existing resource but one was not found.
Message	The requested resource of type %1 named %2 was not found.
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	Provide a valid resource identifier and resubmit the request.

3.1.2.68 ResourceTypeIncompatible

Parameters	Values
Description	Indicates that the resource type of the operation does not match that for the operation destination. Examples of when this can happen include during a POST to a collection using the wrong resource type, an update where the @odata.types do not match or on a major version incompatability.
Message	The @odata.type of the request body %1 is incompatible with the @odata.type of the resource which is %2.
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	Resubmit the request with a payload compatible with the resource's schema.

3.1.2.69 ServiceInUnknownState

Parameters	Values
Description	Indicates that the operation failed because the service is in an unknown state and cannot accept additional requests.
Message	The operation failed because the service is in an unknown state and can no longer take incoming requests.
Severity	Critical
Resolution	Restart the service and resubmit the request if the operation failed.

3.1.2.70 ServiceShuttingDown

Parameters	Values
Description	Indicates that the operation failed as the service is shutting down, such as when the service reboots.
Message	The operation failed because the service is shutting down and can no longer take incoming requests.
Severity	Critical
Resolution	When the service becomes available, resubmit the request if the operation failed.

3.1.2.71 ServiceTemporarilyUnavailable

Parameters	Values
Description	Indicates the service is temporarily unavailable.
Message	The service is temporarily unavailable. Retry in %1 seconds.
Argument	%1: string
Severity	Critical
Resolution	Wait for the indicated retry duration and retry the operation.

3.1.2.72 SessionLimitExceeded

Parameters	Values
Description	Indicates that a session establishment has been requested but the operation failed due to the number of simultaneous sessions exceeding the limit of the implementation.
Message	The session establishment failed due to the number of simultaneous sessions exceeding the limit of the implementation.
Severity	Critical
Resolution	Reduce the number of other sessions before trying to establish the session or increase the limit of simultaneous sessions (if supported).

3.1.2.73 SessionTerminated

Parameters	Values
Description	Indicates that the DELETE operation on the Session resource resulted in the successful termination of the session.
Message	The session was successfully terminated.
Severity	OK
Resolution	No resolution is required.

3.1.2.74 SourceDoesNotSupportProtocol

Parameters	Values
Description	Indicates that while attempting to access, connect to or transfer a resource/file/image from another location that the other end of the connection did not support the protocol
Message	The other end of the connection at %1 does not support the specified protocol %2.
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	Change protocols or URIs.

3.1.2.75 StringValueTooLong

Parameters	Values
Description	Indicates that a string value passed to the given resource exceeded its length limit. An example is when a shorter limit is imposed by an implementation than that allowed by the specification.
Message	The string %1 exceeds the length limit %2.
Arguments	%1: string
	%2: number
Severity	Warning
Resolution	Resubmit the request with an appropriate string length.

3.1.2.76 SubscriptionTerminated

Parameters	Values
Description	An event subscription has been terminated by the Service. No further events will be delivered.
Message	The event subscription has been terminated.
Severity	OK
Resolution	No resolution is required.

3.1.2.77 Success

Parameters	Values
Description	Indicates that all conditions of a successful operation have been met.
Message	Successfully Completed Request
Severity	OK
Resolution	None

3.1.2.78 UnrecognizedRequestBody

Parameters	Values
Description	Indicates that the service encountered an unrecognizable request body that could not even be interpreted as malformed JSON.
Message	The service detected a malformed request body that it was unable to interpret.
Severity	Warning
Resolution	Correct the request body and resubmit the request if it failed.

3.1.2.79 UnrecognizedRequestBody

Parameters	Values
Description	Indicates that the service encountered an unrecognizable request body that could not even be interpreted as malformed JSON.
Message	The service detected a malformed request body that it was unable to interpret.
Severity	Warning
Resolution	Correct the request body and resubmit the request if it failed.

3.2 Task Event Message Registry

3.2.1 Registry Description

Parameters	Values
Description	This registry defines the messages for task related events.
Identifier	TaskEvent.1.0.2

3.2.2 Messages

3.2.2.1 TaskAborted

Parameters	Values
Description	A task has been aborted.
Message	The task with Id '%1' has been aborted.
Argument	%1: string
Severity	Critical
Resolution	None.

3.2.2.2 TaskCancelled

Parameters	Values
Description	A task has been cancelled.
Message	The task with Id '%1' has been cancelled.
Argument	%1: string
Severity	Warning
Resolution	None.

3.2.2.3 TaskCompletedOK

Parameters	Values
Description	A task has completed.
Message	The task with Id '%1' has completed.
Argument	%1: string
Severity	OK
Resolution	None.

3.2.2.4 TaskCompletedWarning

Parameters	Values
Description	A task has completed with warnings.
Message	The task with Id '%1' has completed with warnings.
Argument	%1: string
Severity	Warning
Resolution	None.

3.2.2.5 TaskPaused

Parameters	Values
Description	A task has been paused.
Message	The task with Id '%1' has been paused.
Argument	%1: string
Severity	Warning
Resolution	None.

3.2.2.6 TaskProgressChanged

Parameters	Values
Description	A task has changed progress.
Message	The task with Id '%1' has changed to progress %2 percent complete.
Arguments	%1: string
	%2: number
Severity	OK
Resolution	None.

3.2.2.7 TaskRemoved

Parameters	Values
Description	A task has been removed.
Message	The task with Id '%1' has been removed.
Argument	%1: string
Severity	Warning
Resolution	None.

3.2.2.8 TaskResumed

Parameters	Values
Description	A task has been resumed.
Message	The task with Id '%1' has been resumed.
Argument	%1: string
Severity	OK
Resolution	None.

3.2.2.9 TaskStarted

Parameters	Values
Description	A task has started.
Message	The task with Id '%1' has started.
Argument	%1: string
Severity	OK
Resolution	None.

3.3 OpenBMC Message Registry

3.3.1 Registry Description

Parameters	Values
Description	This registry defines the base messages for OpenBMC.
Identifier	OpenBMC.0.1.0

3.3.2 Messages

3.3.2.1 ADDDCCorrectable

Parameters	Values
Description	Indicates an ADDDC Correctable Error.
Message	ADDDC Correctable Error.Socket=%1 Channel=%2 DIMM=%3 Rank=%4.
Arguments	%1: number
	%2: string
	%3: number
	%4: number
Severity	Warning
Resolution	None.

3.3.2.2 AtScaleDebugConnected

Parameters	Values
Description	Indicates At-Scale Debug connection has been established
Message	At-Scale Debug service is now connected %1
Argument	%1: string
Severity	Critical
Resolution	None.

3.3.2.3 AtScaleDebugConnectionFailed

Parameters	Values
Description	Indicates At-Scale Debug connection aborted/failed
Message	At-Scale Debug connection aborted/failed
Severity	Critical
Resolution	None.

3.3.2.4 AtScaleDebugDisconnected

Parameters	Values
Description	Indicates At-Scale Debug connection has ended
Message	At-Scale Debug service is now disconnected
Severity	OK
Resolution	None.

3.3.2.5 AtScaleDebugFeatureDisabled

Parameters	Values
Description	Indicates that At-Scale Debug service is stopped.
Message	At-Scale Debug service is stopped.
Severity	OK
Resolution	None.

3.3.2.6 AtScaleDebugFeatureDisabledAtHardware

Parameters	Values
Description	Indicates that At-Scale Debug disable is detected in hardware.
Message	At-Scale Debug Feature is disabled in hardware.
Severity	OK
Resolution	None.

3.3.2.7 AtScaleDebugFeatureEnabled

Parameters	Values
Description	Indicates that At-Scale Debug service is started.
Message	At-Scale Debug service is started.
Severity	Critical
Resolution	None.

3.3.2.8 AtScaleDebugFeatureEnabledAtHardware

Parameters	Values
Description	Indicates that At-Scale Debug enable is detected in hardware.
Message	At-Scale Debug Feature is enabled in hardware.
Severity	Critical
Resolution	None.

3.3.2.9 AtScaleDebugSpecialUserDisabled

Parameters	Values
Description	Indicates that special user is disabled.
Message	At-Scale Debug special user is disabled
Severity	OK
Resolution	None.

3.3.2.10 AtScaleDebugSpecialUserEnabled

Parameters	Values
Description	Indicates that special user is enabled.
Message	At-Scale Debug special user is enabled
Severity	Critical
Resolution	None.

3.3.2.11 BIOSBoot

Parameters	Values
Description	Indicates BIOS has transitioned control to the OS Loader.
Message	BIOS System Boot.
Severity	OK
Resolution	None.

3.3.2.12 BIOSFirmwarePanicReason

Parameters	Values
Description	Indicates the reason for BIOS firmware panic.
Message	BIOS firmware panic occurred due to %1.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.13 BIOSFirmwareRecoveryReason

Parameters	Values
Description	Indicates the reason for BIOS firmware recovery.
Message	BIOS firmware recovery occurred due to %1.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.14 BIOSFirmwareResiliencyError

Parameters	Values
Description	Indicates BIOS firmware encountered resilience error.
Message	BIOS firmware resiliency error. Error reason: %1.
Argument	%1: string
Severity	Critical
Resolution	None.

3.3.2.15 BIOSPOSTCode

Parameters	Values
Description	BIOS Power-On Self-Test Code received
Message	Boot Count: %1: TS Offset: %2; POST Code: %3
Arguments	%1: number
	%2: number
	%3: number
Severity	OK
Resolution	None.

3.3.2.16 BIOSPOSTError

Parameters	Values
Description	Indicates BIOS POST has encountered an error.
Message	BIOS POST Error. Error Code=%1
Argument	%1: number
Severity	Warning
Resolution	None.

3.3.2.17 BIOSRecoveryComplete

Parameters	Values
Description	Indicates BIOS Recovery has completed.
Message	BIOS Recovery Complete.
Severity	OK
Resolution	None.

3.3.2.18 BIOSRecoveryStart

Parameters	Values
Description	Indicates BIOS Recovery has started.
Message	BIOS Recovery Start.
Severity	Warning
Resolution	None.

3.3.2.19 BMCBootReason

Parameters	Values
Description	Indicates the reason why BMC firmware booted.
Message	BMC firmware version %1 booted due to %2.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None.

3.3.2.20 BMCFirmwarePanicReason

Parameters	Values
Description	Indicates the reason for last BMC firmware panic.
Message	BMC firmware panic occurred due to %1.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.21 BMCFirmwareRecoveryReason

Parameters	Values
Description	Indicates the reason for last BMC firmware recovery.
Message	BMC firmware recovery occurred due to %1.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.22 BMCFirmwareResiliencyError

Parameters	Values
Description	Indicates BMC firmware encountered resilience error.
Message	BMC firmware resiliency error. Error reason: %1.
Argument	%1: string
Severity	Critical
Resolution	None.

3.3.2.23 BMCKernelPanic

Parameters	Values
Description	Indicates that BMC kernel panic occurred.
Message	BMC rebooted due to kernel panic.
Severity	OK
Resolution	None.

3.3.2.24 CPLDFirmwarePanicReason

Parameters	Values
Description	Indicates the reason for CPLD firmware panic.
Message	CPLD firmware panic occurred due to %1.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.25 CPLDFirmwareRecoveryReason

Parameters	Values
Description	Indicates the reason for CPLD firmware recovery.
Message	CPLD firmware recovery occurred due to %1.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.26 CPLDFirmwareResiliencyError

Parameters	Values
Description	Indicates CPLD firmware encountered resilience error.
Message	CPLD firmware resiliency error. Error reason: %1.
Argument	%1: string
Severity	Critical
Resolution	None.

3.3.2.27 CPUError

Parameters	Values
Description	Indicates that a CPU Error occurred of the specified type or cause.
Message	CPU Error Occurred: %1.
Argument	%1: string
Severity	Critical
Resolution	None.

3.3.2.28 CPUMismatch

Parameters	Values
Description	Indicates that the specified CPU power/current rating is incompatible with the board.
Message	CPU %1 Mismatch.
Argument	%1: number
Severity	Critical
Resolution	Install the supported CPU.

3.3.2.29 CPUThermalTrip

Parameters	Values
Description	Indicates that the specified CPU thermal trip has been asserted.
Message	CPU %1 Thermal Trip.
Argument	%1: number
Severity	Critical
Resolution	None.

3.3.2.30 ChassisIntrusionDetected

Parameters	Values
Description	Indicates that a physical security event of the chassis intrusion has occurred.
Message	Chassis Intrusion Detected.
Severity	Warning
Resolution	None.

3.3.2.31 ChassisIntrusionReset

Parameters	Values
Description	Indicates that chassis intrusion status has recovered.
Message	Chassis Intrusion Reset.
Severity	OK
Resolution	None.

3.3.2.32 DCPowerOff

Parameters	Values
Description	Indicates that the system DC power is off.
Message	Host system DC power is off
Severity	OK
Resolution	None.

3.3.2.33 DCPowerOn

Parameters	Values
Description	Indicates that the system DC power is on.
Message	Host system DC power is on
Severity	OK
Resolution	None.

3.3.2.34 DriveError

Parameters	Values
Description	Indicates that a Drive Error occurred of the specified type or cause.
Message	Drive Error Occurred: %1.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.35 EventLogCleared

Parameters	Values
Description	Indicates that the event log has been cleared.
Message	Event Log Cleared.
Severity	OK
Resolution	None.

3.3.2.36 FanInserted

Parameters	Values
Description	Indicates that a system fan has been inserted.
Message	%1 inserted.
Argument	%1: string
Severity	OK
Resolution	None.

3.3.2.37 FanRedundancyLost

Parameters	Values
Description	Indicates that system fan redundancy has been lost.
Message	Fan redundancy lost.
Severity	Warning
Resolution	None.

3.3.2.38 FanRedundancyRegained

Parameters	Values
Description	Indicates that system fan redundancy has been regained.
Message	Fan redundancy regained.
Severity	OK
Resolution	None.

3.3.2.39 FanRemoved

Parameters	Values
Description	Indicates that a system fan has been removed.
Message	%1 removed.
Argument	%1: string
Severity	OK
Resolution	None.

3.3.2.40 FirmwareActivationCompleted

Parameters	Values
Description	Indicates a firmware activation has completed successfully.
Message	%1 firmware activation completed successfully.
Argument	%1: string
Severity	OK
Resolution	None.

3.3.2.41 FirmwareActivationFailed

Parameters	Values
Description	Indicates a firmware activation has failed.
Message	%1 firmware activation failed: %2.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	None.

3.3.2.42 FirmwareActivationStarted

Parameters	Values
Description	Indicates a firmware activation has started.
Message	%1 firmware activation started.
Argument	%1: string
Severity	OK
Resolution	None.

3.3.2.43 FirmwareUpdateCompleted

Parameters	Values
Description	Indicates a firmware update has completed successfully.
Message	%1 firmware update to version %2 completed successfully.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None.

3.3.2.44 FirmwareUpdateFailed

Parameters	Values
Description	Indicates a firmware update has failed.
Message	%1 firmware update to version %2 failed: %3.
Arguments	%1: string
	%2: string
	%3: string
Severity	Warning
Resolution	None.

3.3.2.45 FirmwareUpdateStaged

Parameters	Values
Description	Indicates a firmware update has staged successfully.
Message	%1 firmware update to version %2 staged successfully.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None.

3.3.2.46 FirmwareUpdateStarted

Parameters	Values
Description	Indicates a firmware update has started.
Message	%1 firmware update to version %2 started.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None.

3.3.2.47 GeneralFirmwareSecurityViolation

Parameters	Values
Description	Indicates a general firmware security violation has occurred.
Message	Firmware security violation: %1.
Argument	%1: string
Severity	Critical
Resolution	None.

3.3.2.48 IPMIWatchdog

Parameters	Values
Description	Indicates that there is a host watchdog event.
Message	Host Watchdog Event: %1
Argument	%1: string
Severity	OK
Resolution	None.

3.3.2.49 IntelUPILinkWidthReducedToHalf

Parameters	Values
Description	Indicates Intel UPI link width has reduced to half width.
Message	Intel UPI link width reduced to half. Node=%1.
Argument	%1: number
Severity	Warning
Resolution	None.

3.3.2.50 IntelUPILinkWidthReducedToQuarter

Parameters	Values
Description	Indicates Intel UPI link width has reduced to quarter width.
Message	Intel UPI link width reduced to quarter. Node=%1.
Argument	%1: number
Severity	Warning
Resolution	None.

3.3.2.51 InvalidLoginAttempted

Parameters	Values
Description	Indicates that a login was attempted on the specified interface with an invalid username or password.
Message	Invalid username or password attempted on %1.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.52 InvalidUpload

Parameters	Values
Description	Indicates that the uploaded file was invalid.
Message	Invalid file uploaded to %1: %2.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	None.

3.3.2.53 InventoryAdded

Parameters	Values
Description	Indicates that an inventory item with the specified model, type, and serial number was installed.
Message	%1 %2 with serial number %3 was installed.
Arguments	%1: string
	%2: string
	%3: string
Severity	OK
Resolution	None.

3.3.2.54 InventoryRemoved

Parameters	Values
Description	Indicates that an inventory item with the specified model, type, and serial number was removed.
Message	%1 %2 with serial number %3 was removed.
Arguments	%1: string
	%2: string
	%3: string
Severity	OK
Resolution	None.

3.3.2.55 LanLost

Parameters	Values
Description	Indicates that a physical security event of the LAN leash has lost.
Message	%1 LAN leash lost.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.56 LanRegained

Parameters	Values
Description	Indicates that LAN link status has reconnected.
Message	%1 LAN leash regained.
Argument	%1: string
Severity	OK
Resolution	None.

3.3.2.57 LegacyPCIPERR

Parameters	Values
Description	Indicates a Legacy PCI PERR.
Message	Legacy PCI PERR. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Warning
Resolution	None.

3.3.2.58 LegacyPCISERR

Parameters	Values
Description	Indicates a Legacy PCI SERR.
Message	Legacy PCI SERR. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.59 MEAutoConfigFailed

Parameters	Values
Description	Indicates that Intel ME power sensor auto-configuration has failed.
Message	Intel ME power sensor auto-configuration failed. Power monitoring, limiting and HW protection features might be unavailable. Failure reason: %1
Argument	%1: string
Severity	Critical
Resolution	Ensure that Intel ME configuration for power sources is correct.

3.3.2.60 MEAutoConfigSuccess

Parameters	Values
Description	Indicates that Intel ME has performed successful power sensor auto-configuration.
Message	Intel ME power sensor auto-configuration succeeded. Determined sources for domain readings are: DC Power: %1 ; Chassis Power: %2 ; PSU Efficiency: %3 ; Unamanaged power: %4
Arguments	%1: string
	%2: string
	%3: string
	%4: string
Severity	OK
Resolution	None.

3.3.2.61 MEBootGuardHealthEvent

Parameters	Values
Description	Indicates that Intel ME has detected error during operations of Intel Boot Guard
Message	Intel ME has detected following issue with Intel Boot Guard: %1
Argument	%1: string
Severity	Critical
Resolution	None.

3.3.2.62 MECpuDebugCapabilityDisabled

Parameters	Values
Description	Indicates that Intel ME has detected situation in which CPU Debug Capability is disabled.
Message	CPU Debug Capability disabled
Severity	Warning
Resolution	None.

3.3.2.63 MEDirectFlashUpdateRequested

Parameters	Values
Description	Indicates that BIOS has requested Direct Flash Update (DFU) of Intel ME
Message	Intel ME Firmware switched to recovery mode to perform full update from BIOS.
Severity	OK
Resolution	This is transient state. Intel ME Firmware should return to operational mode after successful image update performed by the BIOS.

3.3.2.64 MEExceptionDuringShutdown

Parameters	Values
Description	Indicates that Intel ME could not successfully perform emergency host shutdown.
Message	Power Down command triggered by Intel Node Manager policy failure action and Intel ME forced shutdown. BMC probably did not respond correctly to Chassis Control.
Severity	Warning
Resolution	Verify the Intel Node Manager policy configuration.

3.3.2.65 MEFactoryResetError

Parameters	Values
Description	Indicates that Intel ME has ben restored to factory preset.
Message	Intel ME has performed automatic reset to factory presets due to following reason: %1
Argument	%1: string
Severity	Critical
Resolution	If error is persistent the Flash device must be replaced.

3.3.2.66 MEFactoryRestore

Parameters	Values
Description	Indicates that Intel ME has ben restored to factory preset.
Message	Intel ME has performed automatic reset to factory presets due to following reason: %1
Argument	%1: string
Severity	OK
Resolution	If error is persistent the Flash device must be replaced.

3.3.2.67 MEFirmwareException

Parameters	Values
Description	Indicates that Intel ME has encountered firmware exception during execution.
Message	Intel ME has encountered firmware exception. Error code = %1
Argument	%1: string
Severity	Warning
Resolution	Restore factory presets using Force ME Recovery IPMI command or by doing AC power cycle with Recovery jumper asserted. If this does not clear the issue, reflash the SPI flash. If the issue persists, provide the content of error code to Intel support team for interpretation. (Error codes are not documented because they only provide clues that must be interpreted individually..

3.3.2.68 MEFirmwarePanicReason

Parameters	Values
Description	Indicates the reason for ME firmware panic.
Message	ME firmware panic occurred due to %1.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.69 MEFirmwareRecoveryReason

Parameters	Values
Description	Indicates the reason for ME firmware recovery.
Message	ME firmware recovery occurred due to %1.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.70 MEFirmwareResiliencyError

Parameters	Values
Description	Indicates ME firmware encountered resilience error.
Message	ME firmware resiliency error. Error reason: %1.
Argument	%1: string
Severity	Critical
Resolution	None.

3.3.2.71 MEFlashEraseError

Parameters	Values
Description	Indicates that Intel ME was unable to finish flash erase procedure.
Message	Intel ME has encountered an error during Flash erasure procedure probably due to Flash part corruption.
Severity	Critical
Resolution	The Flash device must be replaced.

3.3.2.72 MEFlashStateInformation

Parameters	Values
Description	Indicates that Intel ME has encountered a problem during IO to flash device.
Message	Intel ME has encountered problem during IO to flash device. Reason: %1
Argument	%1: string
Severity	Critical
Resolution	If flash wear-out protection occurred wait until it expires. Otherwise - flash device must be replaced.

3.3.2.73 MEFlashStateInformationWritingEnabled

Parameters	Values
Description	Indicates that Intel ME has encountered a problem during IO to flash device.
Message	Intel ME has encountered problem during IO to flash device. Reason: %1
Argument	%1: string
Severity	OK
Resolution	If flash wear-out protection occurred wait until it expires. Otherwise - flash device must be replaced.

3.3.2.74 MEFlashVerificationError

Parameters	Values
Description	Indicates that Intel ME encountered invalid flash descriptor region.
Message	Intel ME has detected invalid flash descriptor region. Following error is detected: %1
Argument	%1: string
Severity	Critical
Resolution	Flash Descriptor Region must be created correctly.

3.3.2.75 MEFlashWearOutWarning

Parameters	Values
Description	Indicates that Intel ME has reached certain threshold of flash write operations.
Message	Warning threshold for number of flash operations has been exceeded. Current percentage of write operations capacity: %1
Argument	%1: number
Severity	Warning
Resolution	No immediate repair action needed.

3.3.2.76 MEImageExecutionFailed

Parameters	Values
Description	Indicates that Intel ME could not load primary FW image.
Message	Intel ME Recovery Image or backup operational image loaded because operational image is corrupted. This may be either caused by Flash device corruption or failed upgrade procedure.
Severity	Critical
Resolution	Either the Flash device must be replaced (if error is persistent) or the upgrade procedure must be started again.

3.3.2.77 MEInternalError

Parameters	Values
Description	Indicates that Intel ME encountered internal error leading to watchdog reset.
Message	Error during Intel ME execution. Watchdog timeout has expired.
Severity	Critical
Resolution	Firmware should automatically recover from error state. If error is persistent then operational image shall be updated or hardware board repair is needed.

3.3.2.78 MEManufacturingError

Parameters	Values
Description	Indicates that Intel ME is unable to start in operational mode due to wrong configuration.
Message	Wrong manufacturing configuration detected by Intel ME Firmware. Unable to start operational mode. Reason: %1
Argument	%1: string
Severity	Critical
Resolution	If error is persistent the Flash device must be replaced or FW configuration must be updated. Trace logs might be gathered for detailed information.

3.3.2.79 MEMctpInterfaceError

Parameters	Values
Description	Indicates that Intel ME has encountered an error in MCTP protocol.
Message	Intel ME has detected MCTP interface failure and it is not functional any more. It may indicate the situation when MCTP was not configured by BIOS or a defect which may need a Host reset to recover from. Details: %1
Argument	%1: string
Severity	Critical
Resolution	Recovery via CPU Host reset or platform reset. If error is persistent, deep-dive platform-level debugging is required.

3.3.2.80 MEMultiPchModeMisconfig

Parameters	Values
Description	Indicates that Intel ME has encountered problems in initializing Multi-PCH mode.
Message	Intel ME error in Multi-PCH mode: %1
Argument	%1: string
Severity	Critical
Resolution	None.

3.3.2.81 MEPeciOverDmiError

Parameters	Values
Description	Indicates that Intel ME is unable to communicate using PECI over DMI.
Message	Intel ME has detected PECI over DMI interface failure and it is not functional any more. It may indicate the situation when PECI over DMI was not configured by BIOS or a defect which may require a CPU Host reset to recover from. Details: %1
Argument	%1: string
Severity	Critical
Resolution	Recovery via CPU Host reset or platform reset. If error is persistent, deep-dive platform-level debugging is required.

3.3.2.82 MEPttHealthEvent

Parameters	Values
Description	Indicates that Intel ME has encountered issue with Intel PTT
Message	Intel ME has detected following issue with Intel PTT: %1
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.83 MERecoveryGpioForced

Parameters	Values
Description	Indicates that Intel ME image is booted in recovery mode due to GPIO assertion.
Message	Intel ME Recovery Image loaded due to recovery MGPIO pin asserted. Pin number is configurable in factory presets, Default recovery pin is MGPIO1.
Severity	OK
Resolution	Deassert recovery GPIO and reset the Intel ME back to operational mode. If Recovery Jumper is in legacy behavior, a ME reset (eg. Cold Reset IPMI cmd) is needed to have ME back in operational mode.

3.3.2.84 MERestrictedMode

Parameters	Values
Description	Indicates events related to Intel ME restricted mode.
Message	Intel ME restricted mode information: %1
Argument	%1: string
Severity	Critical
Resolution	None.

3.3.2.85 MESmbusLinkFailure

Parameters	Values
Description	Indicate that Intel ME encountered SMBus link error.
Message	Intel ME has detected SMBus link error. Sensor Bus: %1 , MUX Address: %2
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	Devices connected to given SMLINK might cause communication corruption. See error code and refer to Intel ME External Interfaces Specification for details.

3.3.2.86 MEUmaError

Parameters	Values
Description	Indicates that Intel ME has encountered UMA operation error.
Message	Intel ME has encountered UMA operation error. Details: %1
Argument	%1: string
Severity	Critical
Resolution	Platform reset when UMA not configured correctly, or when error occurred during normal operation on correctly configured UMA multiple times leading to Intel ME entering Recovery or restricted operational mode.

3.3.2.87 MEUnsupportedFeature

Parameters	Values
Description	Indicates that Intel ME is configuration with feature which is not supported on this platform.
Message	Feature not supported in current segment detected by Intel ME Firmware. Details: %1
Argument	%1: string
Severity	Critical
Resolution	Proper FW configuration must be updated or use the Flash device with proper FW configuration

3.3.2.88 ManufacturingModeEntered

Parameters	Values
Description	Indicates that the BMC entered Factory, or Manufacturing mode.
Message	Entered Manufacturing Mode.
Severity	Critical
Resolution	None.

3.3.2.89 ManufacturingModeExited

Parameters	Values
Description	Indicates that the BMC exited Factory, or Manufacturing mode.
Message	Exited Manufacturing Mode.
Severity	OK
Resolution	None.

3.3.2.90 MemoryECCCorrectable

Parameters	Values
Description	Indicates a Correctable Memory ECC error.
Message	Memory ECC correctable error. Socket=%1 Channel=%2 DIMM=%3 Rank=%4.
Arguments	%1: number
	%2: string
	%3: number
	%4: number
Severity	Warning
Resolution	None.

3.3.2.91 MemoryECCUncorrectable

Parameters	Values
Description	Indicates an Uncorrectable Memory ECC error.
Message	Memory ECC uncorrectable error. Socket=%1 Channel=%2 DIMM=%3 Rank=%4.
Arguments	%1: number
	%2: string
	%3: number
	%4: number
Severity	Critical
Resolution	None.

3.3.2.92 MemoryParityCommandAndAddress

Parameters	Values
Description	Indicates a Command and Address parity error.
Message	Command and Address parity error. Socket=%1 Channel=%2 DIMM=%3 ChannelValid=%4 DIMMValid=%5.
Arguments	%1: number
	%2: string
	%3: number
	%4: number
	%5: number
Severity	Critical
Resolution	None.

3.3.2.93 MemoryParityNotKnown

Parameters	Values
Description	Indicates an unknown parity error.
Message	Memory parity error. Socket=%1 Channel=%2 DIMM=%3 ChannelValid=%4 DIMMValid=%5.
Arguments	%1: number
	%2: string
	%3: number
	%4: number
	%5: number
Severity	Critical
Resolution	None.

3.3.2.94 MemoryRASConfigurationDisabled

Parameters	Values
Description	Indicates Memory RAS Disabled Configuration Status.
Message	Memory RAS Configuration Disabled. Error=%1 Mode=%2.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None.

3.3.2.95 MemoryRASConfigurationEnabled

Parameters	Values
Description	Indicates Memory RAS Enabled Configuration Status.
Message	Memory RAS Configuration Enabled. Error=%1 Mode=%2.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None.

3.3.2.96 MemoryRASModeDisabled

Parameters	Values
Description	Indicates Memory RAS Disabled Mode Selection.
Message	Memory RAS Mode Select Disabled. Prior Mode=%1 Selected Mode=%2.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None.

3.3.2.97 MemoryRASModeEnabled

Parameters	Values
Description	Indicates Memory RAS Enabled Mode Selection.
Message	Memory RAS Mode Select Enabled. Prior Mode=%1 Selected Mode=%2.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None.

3.3.2.98 MemoryThermTrip

Parameters	Values
Description	Indicates that the system memory ThermTrip is asserted by the specified component.
Message	Memory ThermTrip asserted: %1.
Argument	%1: string
Severity	Critical
Resolution	None.

3.3.2.99 MirroringRedundancyDegraded

Parameters	Values
Description	Indicates the mirroring redundancy state is degraded.
Message	Mirroring redundancy state degraded. Socket=%1 Channel=%2 DIMM=%3 Pair=%4 Rank=%5.
Arguments	%1: number
	%2: string
	%3: number
	%4: number
	%5: number
Severity	Warning
Resolution	None.

3.3.2.100 MirroringRedundancyFull

Parameters	Values
Description	Indicates the mirroring redundancy state is fully redundant.
Message	Mirroring redundancy state fully redundant. Socket=%1 Channel=%2 DIMM=%3 Pair=%4 Rank=%5.
Arguments	%1: number
	%2: string
	%3: number
	%4: number
	%5: number
Severity	OK
Resolution	None.

3.3.2.101 NMIButtonPressed

Parameters	Values
Description	Indicates that the NMI button was pressed.
Message	NMI Button Pressed.
Severity	Critical
Resolution	None.

3.3.2.102 NMIDiagnosticInterrupt

Parameters	Values
Description	Indicates that an NMI Diagnostic Interrupt has been generated.
Message	NMI Diagnostic Interrupt.
Severity	Critical
Resolution	None.

3.3.2.103 PCIeCorrectableAdvisoryNonFatal

Parameters	Values
Description	Indicates a PCIe Correctable Advisory Non-fatal Error.
Message	PCIe Correctable Advisory Non-fatal Error. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Warning
Resolution	None.

3.3.2.104 PCIeCorrectableBadDLLP

Parameters	Values
Description	Indicates a PCIe Correctable Bad DLLP Error.
Message	PCIe Correctable Bad DLLP. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Warning
Resolution	None.

3.3.2.105 PCIeCorrectableBadTLP

Parameters	Values
Description	Indicates a PCIe Correctable Bad TLP Error.
Message	PCIe Correctable Bad TLP. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Warning
Resolution	None.

3.3.2.106 PCIeCorrectableHeaderLogOverflow

Parameters	Values
Description	Indicates a PCIe Correctable Header Log Overflow Error.
Message	PCIe Correctable Header Log Overflow. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Warning
Resolution	None.

3.3.2.107 PCIeCorrectableInternal

Parameters	Values
Description	Indicates a PCIe Correctable Internal Error.
Message	PCIe Correctable Internal Error. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Warning
Resolution	None.

3.3.2.108 PCIeCorrectableLinkBWChanged

Parameters	Values
Description	Indicates a PCIe Correctable Link BW Changed Error.
Message	PCIe Correctable Link BW Changed. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Warning
Resolution	None.

3.3.2.109 PCIeCorrectableReceiverError

Parameters	Values
Description	Indicates a PCIe Correctable Receiver Error.
Message	PCIe Correctable Receiver Error. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Warning
Resolution	None.

3.3.2.110 PCIeCorrectableReplayNumRollover

Parameters	Values
Description	Indicates a PCIe Correctable Replay Num Rollover.
Message	PCIe Correctable Replay Num Rollover. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Warning
Resolution	None.

3.3.2.111 PCIeCorrectableReplayTimerTimeout

Parameters	Values
Description	Indicates a PCIe Correctable Replay Timer Timeout.
Message	PCIe Correctable Replay Timer Timeout. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Warning
Resolution	None.

3.3.2.112 PCIeCorrectableUnspecifiedAERError

Parameters	Values
Description	Indicates a PCIe Correctable Unspecified AER Error.
Message	PCIe Correctable Unspecified AER Error. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Warning
Resolution	None.

3.3.2.113 PCIeFatalACSViolation

Parameters	Values
Description	Indicates a PCIe ACS Violation Error.
Message	PCIe Fatal ACS Violation. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.114 PCIeFatalAtomicEgressBlocked

Parameters	Values
Description	Indicates a PCIe Atomic Egress Blocked Error.
Message	PCIe Fatal Atomic Egress Blocked. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.115 PCIeFatalCompleterAbort

Parameters	Values
Description	Indicates a PCIe Completer Abort Error.
Message	PCIe Fatal Completer Abort. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.116 PCIeFatalCompletionTimeout

Parameters	Values
Description	Indicates a PCIe Completion Timeout Error.
Message	PCIe Fatal Completion Timeout. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.117 PCIeFatalDataLinkLayerProtocol

Parameters	Values
Description	Indicates a PCIe Data Link Layer Protocol Error.
Message	PCIe Fatal Data Link Layer Protocol Error. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.118 PCIeFatalECRCError

Parameters	Values
Description	Indicates a PCIe ECRC Error.
Message	PCIe Fatal ECRC Error. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.119 PCIeFatalFlowControlProtocol

Parameters	Values
Description	Indicates a PCIe Flow Control Protocol Error.
Message	PCIe Fatal Flow Control Protocol Error. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.120 PCIeFatalMCBlockedTLP

Parameters	Values
Description	Indicates a PCIe MC Blocked TLP Error.
Message	PCIe Fatal MC Blocked TLP Error. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.121 PCIeFatalMalformedTLP

Parameters	Values
Description	Indicates a PCIe Malformed TLP Error.
Message	PCIe Fatal Malformed TLP Error. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.122 PCIeFatalPoisonedTLP

Parameters	Values
Description	Indicates a PCIe Poisoned TLP Error.
Message	PCIe Fatal Poisoned TLP Error. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.123 PCIeFatalReceivedErrNonFatalMessage

Parameters	Values
Description	Indicates a PCIe Received ERR_NONFATAL Message Error.
Message	PCIe Fatal Received ERR_NONFATAL Message. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.124 PCIeFatalReceivedFatalMessageFromDownstream

Parameters	Values
Description	Indicates a PCIe Received Fatal Message From Downstream Error.
Message	PCIe Fatal Received Fatal Message From Downstream. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.125 PCIeFatalReceiverBufferOverflow

Parameters	Values
Description	Indicates a PCIe Receiver Buffer Overflow Error.
Message	PCIe Fatal Receiver Buffer Overflow. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.126 PCIeFatalSurpriseLinkDown

Parameters	Values
Description	Indicates a PCIe Surprise Link Down Error.
Message	PCIe Fatal Surprise Link Down Error. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.127 PCIeFatalTLPPrefixBlocked

Parameters	Values
Description	Indicates a PCIe TLP Prefix Blocked Error.
Message	PCIe Fatal TLP Prefix Blocked Error. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.128 PCIeFatalUncorrectableInternal

Parameters	Values
Description	Indicates a PCIe Uncorrectable Internal Error.
Message	PCIe Fatal Uncorrectable Internal Error. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.129 PCIeFatalUnexpectedCompletion

Parameters	Values
Description	Indicates a PCIe Unexpected Completion Error.
Message	PCIe Fatal Unexpected Completion. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.130 PCIeFatalUnspecifiedNonAERFatalError

Parameters	Values
Description	Indicates a PCIe Unspecified Non-AER Fatal Error.
Message	PCIe Fatal Unspecified Non-AER Fatal Error. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.131 PCIeFatalUnsupportedRequest

Parameters	Values
Description	Indicates a PCIe Unsupported Request Error.
Message	PCIe Fatal Unsupported Request. Bus=%1 Device=%2 Function=%3.
Arguments	%1: number
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.3.2.132 PowerAbsentFailure

Parameters	Values
Description	Requesting a chassis transition on an absent chassis is not allowed.
Message	Requesting a chassis transition on an absent chassis is not allowed.
Severity	Critical
Resolution	None.

3.3.2.133 PowerButtonPressed

Parameters	Values
Description	Indicates that the power button was pressed.
Message	Power Button Pressed.
Severity	OK
Resolution	None.

3.3.2.134 PowerRestorePolicyApplied

Parameters	Values
Description	Indicates that power was restored and the BMC has applied the restore policy.
Message	Power restore policy applied.
Severity	OK
Resolution	None.

3.3.2.135 PowerSupplyConfigurationError

Parameters	Values
Description	Indicates an error in power supply configuration.
Message	Power supply %1 configuration error.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.136 PowerSupplyConfigurationErrorRecovered

Parameters	Values
Description	Indicates that power supply configuration error recovered from a failure.
Message	Power supply %1 configuration error recovered.
Argument	%1: string
Severity	OK
Resolution	None.

3.3.2.137 PowerSupplyFailed

Parameters	Values
Description	Indicates that a power supply has failed.
Message	Power supply %1 failed.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.138 PowerSupplyFailurePredicted

Parameters	Values
Description	Indicates that a power supply is predicted to fail.
Message	Power supply %1 failure predicted.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.139 PowerSupplyFanFailed

Parameters	Values
Description	Indicates that the specified power supply fan has failed.
Message	Power supply %1 fan %2 failed.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	None.

3.3.2.140 PowerSupplyFanRecovered

Parameters	Values
Description	Indicates that the power supply fan recovered from a failure.
Message	Power supply %1 fan %2 recovered.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None.

3.3.2.141 PowerSupplyInserted

Parameters	Values
Description	Indicates that a power supply has been inserted.
Message	Power supply %1 inserted.
Argument	%1: string
Severity	OK
Resolution	None.

3.3.2.142 PowerSupplyPowerGoodFailed

Parameters	Values
Description	Indicates that the power supply power good signal failed to assert within the specified time.
Message	Power supply power good failed to assert within %1 milliseconds.
Argument	%1: number
Severity	Critical
Resolution	None.

3.3.2.143 PowerSupplyPowerLost

Parameters	Values
Description	Indicates that a power supply has lost input power.
Message	Power supply %1 power lost.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.144 PowerSupplyPowerRestored

Parameters	Values
Description	Indicates that a power supply input power was restored.
Message	Power supply %1 power restored.
Argument	%1: string
Severity	OK
Resolution	None.

3.3.2.145 PowerSupplyPredictedFailureRecovered

Parameters	Values
Description	Indicates that a power supply recovered from a predicted failure.
Message	Power supply %1 predicted failure recovered.
Argument	%1: string
Severity	OK
Resolution	None.

3.3.2.146 PowerSupplyRecovered

Parameters	Values
Description	Indicates that a power supply recovered from a failure.
Message	Power supply %1 recovered.
Argument	%1: string
Severity	OK
Resolution	None.

3.3.2.147 PowerSupplyRemoved

Parameters	Values
Description	Indicates that a power supply has been removed.
Message	Power supply %1 removed.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.148 PowerUnitDegradedFromNonRedundant

Parameters	Values
Description	Indicates that power unit is come back to redundant fromnonredundant but is still not in full redundancy mode.
Message	Power Unit degraded from nonredundant.
Severity	Warning
Resolution	None.

3.3.2.149 PowerUnitDegradedFromRedundant

Parameters	Values
Description	Indicates that power unit is degarded from full redundancy mode.
Message	Power Unit degraded from redundant.
Severity	Warning
Resolution	None.

3.3.2.150 PowerUnitNonRedundantFromInsufficient

Parameters	Values
Description	Indicates that power unit is not in redundancy mode and getsufficient power to support redundancy from insufficientpower.
Message	Power Unit NonRedundant from insufficient to sufficient.
Severity	Warning
Resolution	None.

3.3.2.151 PowerUnitNonRedundantInsufficient

Parameters	Values
Description	Indicates that power unit do not have sufficient power to support redundancy.
Message	Power Unit NonRedundant and has insufficient resource.
Severity	Critical
Resolution	None.

3.3.2.152 PowerUnitNonRedundantSufficient

Parameters	Values
Description	Indicates that power unit is not in redundancy mode but stillhas sufficient power to support redundancy.
Message	Power Unit Nonredundant but has sufficient resource.
Severity	Warning
Resolution	None.

3.3.2.153 PowerUnitRedundancyDegraded

Parameters	Values
Description	Indicates that power unit redundancy has been degraded.
Message	Power Unit Redundancy degraded.
Severity	Warning
Resolution	None.

3.3.2.154 PowerUnitRedundancyLost

Parameters	Values
Description	Indicates that power unit redundancy has been lost.
Message	Power Unit Redundancy lost.
Severity	Warning
Resolution	None.

3.3.2.155 PowerUnitRedundancyRegained

Parameters	Values
Description	Indicates that power unit full redundancy has been regained.
Message	Power Unit Redundancy regained.
Severity	OK
Resolution	None.

3.3.2.156 ResetButtonPressed

Parameters	Values
Description	Indicates that the reset button was pressed.
Message	Reset Button Pressed.
Severity	OK
Resolution	None.

3.3.2.157 SELEntryAdded

Parameters	Values
Description	Indicates a SEL entry was added using the Add SEL Entry or Platform Event command.
Message	SEL Entry Added: %1
Argument	%1: string
Severity	OK
Resolution	None.

3.3.2.158 SecurityBoot2ndFlashEnabled

Parameters	Values
Description	Indicates that the BMC 2nd boot flash is enabled.
Message	BMC 2nd boot flash is enabled.
Severity	Critical
Resolution	None.

3.3.2.159 SecurityP2aBridgeEnabled

Parameters	Values
Description	Indicates that the P2A bridge is enabled.
Message	P2A(PCIe to AHB) bridge is enabled.
Severity	Critical
Resolution	None.

3.3.2.160 SecurityUartPortDebugEnabled

Parameters	Values
Description	Indicates that the uart port debug is enabled.
Message	Uart port debug is enabled.
Severity	Critical
Resolution	None.

3.3.2.161 SecurityUserNonRootUidZeroAssigned

Parameters	Values
Description	Indicates that non root user assigned with user ID zero.
Message	User ID Zero is assigned with non-root user.
Severity	Critical
Resolution	None.

3.3.2.162 SecurityUserNonRootUidZeroRemoved

Parameters	Values
Description	Indicates that non root user ID is removed
Message	Non root user assigned with user ID zero is removed.
Severity	OK
Resolution	None.

3.3.2.163 SecurityUserRootDisabled

Parameters	Values
Description	Indicates that system root user is disabled.
Message	User root is disabled.
Severity	OK
Resolution	None.

3.3.2.164 SecurityUserRootEnabled

Parameters	Values
Description	Indicates that system root user is enabled.
Message	User root is enabled.
Severity	Critical
Resolution	None.

3.3.2.165 SecurityUserStrongHashAlgoRestored

Parameters	Values
Description	Indicates that password computing hash algorithm changed.
Message	Password computing hash algorithm is changed to sha256/sha512.
Severity	OK
Resolution	None.

3.3.2.166 SecurityUserUnsupportedShellEnabled

Parameters	Values
Description	Indicates that unsupported shell is enabled.
Message	Unsupported shell is enabled.
Severity	Critical
Resolution	None.

3.3.2.167 SecurityUserUnsupportedShellRemoved

Parameters	Values
Description	Indicates that unsupported shell is removed.
Message	Unsupported shell is removed.
Severity	OK
Resolution	None.

3.3.2.168 SecurityUserWeakHashAlgoEnabled

Parameters	Values
Description	Indicates that weak password computing hash algorithm is enabled.
Message	Weak password computing hash algorithm is enabled.
Severity	Critical
Resolution	None.

3.3.2.169 SensorThresholdCriticalHighGoingHigh

Parameters	Values
Description	Indicates that a threshold sensor has crossed a critical high threshold going high.
Message	%1 sensor crossed a critical high threshold going high. Reading=%2 Threshold=%3.
Arguments	%1: string
	%2: number
	%3: number
Severity	Critical
Resolution	Check the sensor or subsystem for errors.

3.3.2.170 SensorThresholdCriticalHighGoingLow

Parameters	Values
Description	Indicates that a threshold sensor has crossed a critical high threshold going low.
Message	%1 sensor crossed a critical high threshold going low. Reading=%2 Threshold=%3.
Arguments	%1: string
	%2: number
	%3: number
Severity	OK
Resolution	None.

3.3.2.171 SensorThresholdCriticalLowGoingHigh

Parameters	Values
Description	Indicates that a threshold sensor has crossed a critical low threshold going high.
Message	%1 sensor crossed a critical low threshold going high. Reading=%2 Threshold=%3.
Arguments	%1: string
	%2: number
	%3: number
Severity	OK
Resolution	None.

3.3.2.172 SensorThresholdCriticalLowGoingLow

Parameters	Values
Description	Indicates that a threshold sensor has crossed a critical low threshold going low.
Message	%1 sensor crossed a critical low threshold going low. Reading=%2 Threshold=%3.
Arguments	%1: string
	%2: number
	%3: number
Severity	Critical
Resolution	Check the sensor or subsystem for errors.

3.3.2.173 SensorThresholdWarningHighGoingHigh

Parameters	Values
Description	Indicates that a threshold sensor has crossed a warning high threshold going high.
Message	%1 sensor crossed a warning high threshold going high. Reading=%2 Threshold=%3.
Arguments	%1: string
	%2: number
	%3: number
Severity	Warning
Resolution	Check the sensor or subsystem for errors.

3.3.2.174 SensorThresholdWarningHighGoingLow

Parameters	Values
Description	Indicates that a threshold sensor has crossed a warning high threshold going low.
Message	%1 sensor crossed a warning high threshold going low. Reading=%2 Threshold=%3.
Arguments	%1: string
	%2: number
	%3: number
Severity	OK
Resolution	None.

3.3.2.175 SensorThresholdWarningLowGoingHigh

Parameters	Values
Description	Indicates that a threshold sensor has crossed a warning low threshold going high.
Message	%1 sensor crossed a warning low threshold going high. Reading=%2 Threshold=%3.
Arguments	%1: string
	%2: number
	%3: number
Severity	OK
Resolution	None.

3.3.2.176 SensorThresholdWarningLowGoingLow

Parameters	Values
Description	Indicates that a threshold sensor has crossed a warning low threshold going low.
Message	%1 sensor crossed a warning low threshold going low. Reading=%2 Threshold=%3.
Arguments	%1: string
	%2: number
	%3: number
Severity	Warning
Resolution	Check the sensor or subsystem for errors.

3.3.2.177 ServiceFailure

Parameters	Values
Description	Indicates that a service has exited unsuccessfully.
Message	Service %1 has exited unsuccessfully.
Argument	%1: string
Severity	Warning
Resolution	None.

3.3.2.178 SparingRedundancyDegraded

Parameters	Values
Description	Indicates the sparing redundancy state is degraded.
Message	Sparing redundancy state degraded. Socket=%1 Channel=%2 DIMM=%3 Domain=%4 Rank=%5.
Arguments	%1: number
	%2: string
	%3: number
	%4: string
	%5: number
Severity	Warning
Resolution	None.

3.3.2.179 SparingRedundancyFull

Parameters	Values
Description	Indicates the sparing redundancy state is fully redundant.
Message	Sparing redundancy state fully redundant. Socket=%1 Channel=%2 DIMM=%3 Domain=%4 Rank=%5.
Arguments	%1: number
	%2: string
	%3: number
	%4: string
	%5: number
Severity	OK
Resolution	None.

3.3.2.180 SsbThermalTrip

Parameters	Values
Description	Indicates that an SSB Thermal trip has been asserted.
Message	SSB Thermal trip.
Severity	Critical
Resolution	None.

3.3.2.181 SystemInterfaceDisabledProvisioned

Parameters	Values
Description	Indicates that the system interface is in the disabled provisioned state. All commands are blocked to execute through the system interface.
Message	The system interface is in the disabled provisioned state.
Severity	OK
Resolution	None.

3.3.2.182 SystemInterfaceUnprovisioned

Parameters	Values
Description	Indicates that the system interface is in the unprovisioned state. All commands are permitted to execute through the system interface.
Message	The system interface is in the unprovisioned state.
Severity	Critical
Resolution	None.

3.3.2.183 SystemInterfaceWhitelistProvisioned

Parameters	Values
Description	Indicates that the system interface is in the whitelist provisioned state. Only whitelisted commands are permitted to execute through the system interface.
Message	The system interface is in the whitelist provisioned state.
Severity	Warning
Resolution	None.

3.3.2.184 SystemPowerGoodFailed

Parameters	Values
Description	Indicates that the system power good signal failed to assert within the specified time (VR failure).
Message	System power good failed to assert within %1 milliseconds (VR failure).
Argument	%1: number
Severity	Critical
Resolution	None.

3.3.2.185 SystemPowerLost

Parameters	Values
Description	Indicates that power was lost while the system was powered on.
Message	System Power Lost.
Severity	Critical
Resolution	None.

3.3.2.186 SystemPowerOffFailed

Parameters	Values
Description	Indicates that the system failed to power off.
Message	System Power-Off Failed.
Severity	Critical
Resolution	None.

3.3.2.187 SystemPowerOnFailed

Parameters	Values
Description	Indicates that the system failed to power on.
Message	System Power-On Failed.
Severity	Critical
Resolution	None.

3.3.2.188 VoltageRegulatorOverheated

Parameters	Values
Description	Indicates that the specified voltage regulator overheated.
Message	%1 Voltage Regulator Overheated.
Argument	%1: string
Severity	Critical
Resolution	None.

3.4 Resource Event Message Registry

3.4.1 Registry Description

Parameters	Values
Description	This registry defines the messages to use for resource events.
Identifier	ResourceEvent.1.0.3

3.4.2 Messages

3.4.2.1 LicenseAdded

Parameters	Values
Description	Indicates that a license has been added.
Message	A license for '%1' has been added. The following message was returned: '%2'.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	See vendor specific instructions for specific actions.

3.4.2.2 LicenseChanged

Parameters	Values
Description	Indicates that a license has changed.
Message	A license for '%1' has changed. The following message was returned: '%2'.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	See vendor specific instructions for specific actions.

3.4.2.3 LicenseExpired

Parameters	Values
Description	Indicates that a license has expired.
Message	A license for '%1' has expired. The following message was returned: '%2'.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	See vendor specific instructions for specific actions.

3.4.2.4 ResourceChanged

Parameters	Values
Description	Indicates that one or more resource properties have changed. This is not used whenever there is another event message for that specific change, such as only the state has changed.
Message	One or more resource properties have changed.
Severity	OK
Resolution	None.

3.4.2.5 ResourceCreated

Parameters	Values
Description	Indicates that all conditions of a successful creation operation have been met.
Message	The resource has been created successfully.
Severity	OK
Resolution	None

3.4.2.6 ResourceErrorThresholdCleared

Parameters	Values
Description	Indicates that a specified resource property has cleared its error threshold. Examples would be drive I/O errors, or network link errors.
Message	The resource property %1 has cleared the error threshold of value %2.
Arguments	%1: string
	%2: number
Severity	OK
Resolution	None.

3.4.2.7 ResourceErrorThresholdExceeded

Parameters	Values
Description	Indicates that a specified resource property has exceeded its error threshold. Examples would be drive I/O errors, or network link errors.
Message	The resource property %1 has exceeded error threshold of value %2.
Arguments	%1: string
	%2: number
Severity	Critical
Resolution	None.

3.4.2.8 ResourceErrorsCorrected

Parameters	Values
Description	Indicates that a specified resource property has corrected errors. Examples would be drive I/O errors, or network link errors.
Message	The resource property %1 has corrected errors of type '%2'.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None.

3.4.2.9 ResourceErrorsDetected

Parameters	Values
Description	Indicates that a specified resource property has detected errors. Examples would be drive I/O errors, or network link errors.
Message	The resource property %1 has detected errors of type '%2'.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	Resolution dependent upon error type.

3.4.2.10 ResourceRemoved

Parameters	Values
Description	Indicates that all conditions of a successful remove operation have been met.
Message	The resource has been removed successfully.
Severity	OK
Resolution	None

3.4.2.11 ResourceSelfTestCompleted

Parameters	Values
Description	Indicates that a self-test has completed.
Message	A self-test has completed.
Severity	OK
Resolution	None.

3.4.2.12 ResourceSelfTestFailed

Parameters	Values
Description	Indicates that a self-test has failed. Suggested resolution may be provided as OEM data.
Message	A self-test has failed. The following message was returned: '%1'.
Argument	%1: string
Severity	Critical
Resolution	See vendor specific instructions for specific actions.

3.4.2.13 ResourceStatusChangedCritical

Parameters	Values
Description	Indicates that the health of a resource has changed to Critical.
Message	The health of resource *%1* has changed to %2.
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None.

3.4.2.14 ResourceStatusChangedOK

Parameters	Values
Description	Indicates that the health of a resource has changed to OK.
Message	The health of resource '%1' has changed to %2.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None.

3.4.2.15 ResourceStatusChangedWarning

Parameters	Values
Description	Indicates that the health of a resource has changed to Warning.
Message	The health of resource *%1* has changed to %2.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	None.

3.4.2.16 ResourceVersionIncompatible

Parameters	Values
Description	Indicates that an incompatible version of software has been detected. Examples may be after a component or system level software update.
Message	An incompatible version of software '%1' has been detected.
Argument	%1: string
Severity	Warning
Resolution	Compare the version of the resource with the compatible version of the software.

3.4.2.17 ResourceWarningThresholdCleared

Parameters	Values
Description	Indicates that a specified resource property has cleared its warning threshold. Examples would be drive I/O errors, or network link errors. Suggested resolution may be provided as OEM data.
Message	The resource property %1 has cleared the warning threshold of value %2.
Arguments	%1: string
	%2: number
Severity	OK
Resolution	None.

3.4.2.18 ResourceWarningThresholdExceeded

Parameters	Values
Description	Indicates that a specified resource property has exceeded its warning threshold. Examples would be drive I/O errors, or network link errors. Suggested resolution may be provided as OEM data.
Message	The resource property %1 has exceeded its warning threshold of value %2.
Arguments	%1: string
	%2: number
Severity	Warning
Resolution	None.

3.4.2.19 URIForResourceChanged

Parameters	Values
Description	Indicates that the URI for a resource has changed. Examples for this would be physical component replacement or redistribution.
Message	The URI for the resource has changed.
Severity	OK
Resolution	None.

3.5 Atos Message Registry

3.5.1 Registry Description

Parameters	Values
Description	This registry defines the base messages for Atos.
Identifier	Atos.1.0.0

3.5.2 Messages

3.5.2.1 ActionRequest

Parameters	Values
Description	Action request
Message	%1 request made by user '%2' to '%3' with body '%4'.
Arguments	%1: string
	%2: string
	%3: string
	%4: string
Severity	OK
Resolution	None

3.5.2.2 AggregateGlobalUpgradeCompletedOk

Parameters	Values
Description	Here are the completed OK messages generated whereas global update action.
Message	Completed OK for %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.3 AggregateGlobalUpgradeCompletedOkWithWarning

Parameters	Values
Description	Here are the completed OK with warning messages generated whereas global update action.
Message	Version Already exists for %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.4 AggregateGlobalUpgradeException

Parameters	Values
Description	Here are the exception messages generated whereas global update action.
Message	Exception for %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.5 AggregateGlobalUpgradeNotUpdate

Parameters	Values
Description	Here are the completed OK with warning messages generated whereas global update action.
Message	No update done due to non functional state for %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.6 AllGpuPowerCalibrationKo

Parameters	Values
Description	Indicates that the GPUs Power calibration failed
Message	GPUs Power Calibration failed reason: %1
Argument	%1: string
Severity	Warning
Resolution	No resolution is required.

3.5.2.7 AllGpuPowerCalibrationOk

Parameters	Values
Description	Indicates that the GPUs Power calibration is succesful
Message	GPUs Power Calibration success, Max TDP = %1 W
Argument	%1: string
Severity	OK
Resolution	No resolution is required.

3.5.2.8 BIOSAttributesChanged

Parameters	Values
Description	Indicates that a set of bios settings change has been requested.
Message	A set of bios settings change has been requested: %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.9 BMCStartThrottling

Parameters	Values
Description	Indicates that BMC ask to start a throttling
Message	Throttling asked by BMC
Severity	Critical
Resolution	None

3.5.2.10 BMCStopThrottling

Parameters	Values
Description	Indicates that BMC ask to stop a throttling
Message	End of throttling asked by BMC
Severity	OK
Resolution	None

3.5.2.11 BadRackIdFailure

Parameters	Values
Description	Indicates that the web server started with a bad rack id
Message	Some data will be erroneous
Severity	Critical
Resolution	Restart the web server with the following command: systemctl restart bmcweb

3.5.2.12 BiosPasswordChanged

Parameters	Values
Description	Indicates that the bios password has been changed
Message	Bios password has been changed
Severity	OK
Resolution	None

3.5.2.13 BladeShutdown

Parameters	Values
Description	Indicates blade shutdown source
Message	Blade shutdown. Source : %1
Argument	%1: string
Severity	Critical
Resolution	None

3.5.2.14 BmcBootFlashInfo

Parameters	Values
Description	Indicates the flash BMC booted
Message	BMC booted from %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.15 BmcInitializationDone

Parameters	Values
Description	Indicates that the Bmc had initiated
Message	BMC Initialization Done
Severity	OK
Resolution	None

3.5.2.16 BullConfigKeyAdded

Parameters	Values
Description	%1 Created Successfully
Message	Created %2 %1.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None.

3.5.2.17 BullFanInserted

Parameters	Values
Description	Indicates that a system fan has been inserted.
Message	%1 Present.
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.18 BullFanRemoved

Parameters	Values
Description	Indicates that a system fan has been removed.
Message	%1 Absent.
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.19 BullFanThresholdHigh

Parameters	Values
Description	Indicates that the %1 reached upper critical threshold
Message	%1 Crossed Upper Critical Value = %2
Arguments	%1: String
	%2: number
Severity	Critical
Resolution	None.

3.5.2.20 BullFanThresholdLow

Parameters	Values
Description	Indicates that the %1 reached lower critical threshold
Message	%1 Crossed Lower Critical Value = %2
Arguments	%1: String
	%2: number
Severity	Critical
Resolution	None.

3.5.2.21 BullFanThresholdRegained

Parameters	Values
Description	Indicates that the %1 reached safe threshold
Message	%1 Threshold Regained
Argument	%1: String
Severity	OK
Resolution	None.

3.5.2.22 BullInventoryAbsent

Parameters	Values
Description	Indicates Inventory is absent
Message	%1 Component is Absent
Argument	%1: string
Severity	Critical
Resolution	None

3.5.2.23 BullInventoryAdded

Parameters	Values
Description	Indicates that an inventory item with the specified model, type, and serial number is present.
Message	%1 %2 with serial number %3 is present.
Arguments	%1: string
	%2: string
	%3: string
Severity	OK
Resolution	None.

3.5.2.24 BullInventoryPresent

Parameters	Values
Description	Indicates Inventory is present
Message	%1 Component is Present
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.25 BullInventoryRemoved

Parameters	Values
Description	Indicates that an inventory item with the specified model, type, and serial number is absentt.
Message	%1 %2 with serial number %3 is absent.
Arguments	%1: string
	%2: string
	%3: string
Severity	OK
Resolution	None.

3.5.2.26 BullPowerSupplyInserted

Parameters	Values
Description	Indicates that a power supply has been inserted.
Message	Power supply %1 Present.
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.27 BullPowerSupplyRemoved

Parameters	Values
Description	Indicates that a power supply has been removed.
Message	Power supply %1 Absent.
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.28 ButtonFactoryResetFailure

Parameters	Values
Description	Indicates that factory reset button has been long pressed and associated action failed because BMC booted from backup flash
Message	FW recovery button long press detected: Not initiating factory reset (As BMC booted from backup flash)
Severity	OK
Resolution	None

3.5.2.29 ButtonFactoryResetStart

Parameters	Values
Description	Indicates that factory reset button has been long pressed and associated action is started
Message	FW recovery button long press detected: Initiating factory reset, BMC will reboot at the end of the process
Severity	OK
Resolution	None

3.5.2.30 ClearEventLogs

Parameters	Values
Description	Indicates that the Event logs are cleared
Message	Event logs are cleared successfully
Severity	OK
Resolution	None.

3.5.2.31 ClockBoardAbsence

Parameters	Values
Description	Indicates a given Clock Board Is Absent
Message	ClockBoard %1 is Absent
Argument	%1: string
Severity	OK
Resolution	None

3.5.2.32 ClockBoardHotSwapAllowed

Parameters	Values
Description	Indicates the clock board hotswap is allowed
Message	ClockBoardHotSwapAllowed for ClockBoard %1
Argument	%1: string
Severity	OK
Resolution	None

3.5.2.33 ClockBoardHotSwapNotAllowed

Parameters	Values
Description	Indicates the clock board hotswap is not allowed
Message	ClockBoardHotSwapNotAllowed for ClockBoard %1 REASON=%2
Arguments	%1: number
	%2: string
Severity	Critical
Resolution	None

3.5.2.34 ClockBoardPresence

Parameters	Values
Description	Indicates a given Clock Board Is Present
Message	ClockBoard %1 is Present
Argument	%1: string
Severity	OK
Resolution	None

3.5.2.35 ClockFailure

Parameters	Values
Description	Indicates the clock generation Failed
Message	ClockFailure REASON=%1
Argument	%1: string
Severity	Critical
Resolution	None

3.5.2.36 ClockSwapperPresence

Parameters	Values
Description	Indicates a given Clock Swapper Board Is Present/Absent
Message	Clock Swapper Board is %1
Argument	%1: string
Severity	OK
Resolution	None

3.5.2.37 ControlCoolingFailure

Parameters	Values
Description	Error in control cooling.
Message	Error in control cooling.
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.38 CpuCountDifferent

Parameters	Values
Description	Indicates that the set Cpu Countis different than the previous one
Message	Cpu Count set via IPMI is different than the previous one: previous=%1; new=%2
Arguments	%1: number
	%2: number
Severity	OK
Resolution	None.

3.5.2.39 CpuDumpCompleted

Parameters	Values
Description	Indicates CPU crashdump Completed
Message	CPU dump completed, %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.40 CpuDumpStarted

Parameters	Values
Description	Indicates that CPU crashdump has started
Message	CPU dump started, %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.41 CpuThrottlingStart

Parameters	Values
Description	Indicates that the cpu is now throttled and indicates the source
Message	Cpu [addr 0x%1] is now throttled. Source : %2
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	None.

3.5.2.42 CpuThrottlingStop

Parameters	Values
Description	Indicates that the cpu is no longer throttled
Message	Cpu [addr 0x%1]is no longer throttled. Source : %2
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None.

3.5.2.43 DiskFaultDetected

Parameters	Values
Description	Indicates that a Disk fault has been detected
Message	DISK fault %1 has been detected
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.44 DiskSmartWarning

Parameters	Values
Description	Disk SMART Warning
Message	Disk SMART Warning raised: %1
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.45 FIPSInfo

Parameters	Values
Description	Indicates the FIPS status
Message	FIPS : %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.46 FactoryResetFromSideband

Parameters	Values
Description	Indicates that a factory reset is requested from the Sideband
Message	Factory Reset From Sideband Detected
Severity	OK
Resolution	None

3.5.2.47 FanFaultDetected

Parameters	Values
Description	Indicates that a Fault has been detected in Fan
Message	fault %1 has been detected
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.48 FaultDetected

Parameters	Values
Description	Fault Detected
Message	Fault detected from %1
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.49 FirmwareVersionInconsistency

Parameters	Values
Description	Indicate an inconsistency between firmwares
Message	Inconsistency found on DEVICE=%1. Firmware version is %2 instead of %3
Arguments	%1: string
	%2: string
	%3: string
Severity	Warning
Resolution	None.

3.5.2.50 ForcePowerRestart

Parameters	Values
Description	Force Power Restart intitiated
Message	Server reboots without OS shutting down
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.51 FpgaFaultCritical

Parameters	Values
Description	Indicates that a Fault has been detected in FPGA
Message	fault %1 has been detected
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.52 FpgaFaultWarning

Parameters	Values
Description	Indicates that a Fault has been detected in FPGA
Message	fault %1 has been detected
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.53 FwComponentNotPresent

Parameters	Values
Description	Indicates Update failure because of the unavailability of the firmware component
Message	Firmware Update failed - Cannot find compatible component. %1
Argument	%1: string
Severity	WARNING
Resolution	None.

3.5.2.54 GpuBoardPowerCappingRequested

Parameters	Values
Description	Indicate a Power Capping request on GPU board
Message	GPU Board power capping requested, limit = %1 W
Argument	%1: string
Severity	OK
Resolution	No resolution is required.

3.5.2.55 GpuPciePresenceError

Parameters	Values
Description	Indicate a GPU PCIE presence error
Message	Gpu %1 PCIE presence error
Argument	%1: number
Severity	Critical
Resolution	None.

3.5.2.56 GpuPowerCalibrationKo

Parameters	Values
Description	Indicates that a GPU Power calibration failed
Message	GPU %1 Power Calibration KO
Argument	%1: number
Severity	Warning
Resolution	No resolution is required.

3.5.2.57 GpuPowerCalibrationOk

Parameters	Values
Description	Indicates that a GPU Power calibration is succesful
Message	GPU %1 Power Calibration success: GrClk = %2, MemClk = %3, TargetTemp = %4, PowerHint = %5, PowerLimit = %6
Arguments	%1: string
	%2: string
	%3: string
	%4: string
	%5: string
	%6: string
Severity	OK
Resolution	No resolution is required.

3.5.2.58 GpuPowerGoodError

Parameters	Values
Description	Indicate a GPU power good error
Message	Gpu %1 Power Good Error
Argument	%1: number
Severity	Critical
Resolution	None.

3.5.2.59 GpuPresenceError

Parameters	Values
Description	Indicate a GPU presence error
Message	Gpu %1 Presence Error
Argument	%1: number
Severity	Critical
Resolution	None.

3.5.2.60 H3mcChangeOfState

Parameters	Values
Description	Indicates that H3MC entred a new state
Message	H3MC entered %1 state
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.61 H3mcFailureDetected

Parameters	Values
Description	Notifies that H3MC has detected a Failure
Message	H3mc Failure detected, Failure level = %1, Failure type = %2, Component = %3, Recovery conditions = %4
Arguments	%1: string
	%2: string
	%3: string
	%4: string
Severity	Critical
Resolution	None.

3.5.2.62 H3mcFailureDisappeared

Parameters	Values
Description	Notifies that H3MC's detected failure has disappeared
Message	H3mc's detected Failure disappeared, Failure level = %1, Failure type = %2, Component = %3
Arguments	%1: string
	%2: string
	%3: string
Severity	Ok
Resolution	None.

3.5.2.63 H3mmEndSwitchingError

Parameters	Values
Description	End of H3MMs switching
Message	End of H3MMs switching
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.64 H3mmEndSwitchingInfo

Parameters	Values
Description	End of H3MMs switching
Message	End of H3MMs switching
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.65 H3mmEpoDetected

Parameters	Values
Description	Epo detected
Message	Epo detected
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.66 H3mmEventError

Parameters	Values
Description	H3MM event detected
Message	H3MM event detected
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.67 H3mmEventInfo

Parameters	Values
Description	H3MM event detected
Message	H3MM event detected
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.68 H3mmEventWarning

Parameters	Values
Description	H3MM event detected
Message	H3MM event detected
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.69 H3mmMaintenanceMode

Parameters	Values
Description	H3MM maintenance mode detected
Message	H3MM maintenance mode detected
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.70 H3mmStartCooling

Parameters	Values
Description	H3MM start cooling detected
Message	H3MM start cooling detected
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.71 H3mmStopCooling

Parameters	Values
Description	H3MM stop cooling detected
Message	H3MM stop cooling detected
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.72 H3mmSwitchingError

Parameters	Values
Description	H3MMs switching detected
Message	H3MMs switching detected
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.73 H3mmSwitchingInfo

Parameters	Values
Description	H3MMs switching detected
Message	H3MMs switching detected
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.74 H3mmSwitchingWarning

Parameters	Values
Description	H3MMs switching detected
Message	H3MMs switching detected
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.75 HmcAlreadyExcluded

Parameters	Values
Description	HMC is already excluded.
Message	HMC is already excluded.
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.76 HmcAlreadyIncluded

Parameters	Values
Description	HMC is already included.
Message	HMC is already included.
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.77 HmcNotExcluded

Parameters	Values
Description	Include failed; HMC is not excluded.
Message	Include failed; HMC is not excluded.
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.78 HmcNotMaintenance

Parameters	Values
Description	Indicates that there is no HMC in maintenance mode.
Message	Maintenance command failed: no HMC in Maintenance mode: %1
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.79 HostEPODetected

Parameters	Values
Description	Epo detected
Message	EPO (Emergency Power Off) detected due to the signal : %1
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.80 HostFactoryReset

Parameters	Values
Description	Indicates the factory reset for host/BIOS settings is requested
Message	Factory Reset for host/BIOS settings is performed
Severity	OK
Resolution	None.

3.5.2.81 HostPowerOffFailure

Parameters	Values
Description	Indicates that the Host Power status switching to Off Failed
Message	Host Power Off failed HOST=%1 REASON=%2
Arguments	%1: number
	%2: string
Severity	Critical
Resolution	None

3.5.2.82 HostPowerOffInitiated

Parameters	Values
Description	Indicates that the Host Power status switching to Off had initiated
Message	Host Power Off Initiated HOST=%1
Argument	%1: number
Severity	OK
Resolution	None

3.5.2.83 HostPowerOffSuccess

Parameters	Values
Description	Indicates that the Host Power status switched to Off successfully
Message	Host Power Off succeeded HOST=%1
Argument	%1: number
Severity	OK
Resolution	None

3.5.2.84 HostPowerOnFailure

Parameters	Values
Description	Indicates that the Host Power status switching to On Failed
Message	Host Power On failed HOST=%1 REASON=%2
Arguments	%1: number
	%2: string
Severity	Critical
Resolution	None

3.5.2.85 HostPowerOnInitiated

Parameters	Values
Description	Indicates that the Host Power status switching to On had initiated
Message	Host Power On Initiated HOST=%1
Argument	%1: number
Severity	OK
Resolution	None

3.5.2.86 HostPowerOnSuccess

Parameters	Values
Description	Indicates that the Host Power status switched to On successfully
Message	Host Power On Succeeded HOST=%1
Argument	%1: number
Severity	OK
Resolution	None

3.5.2.87 HostPowerSeqFailure

Parameters	Values
Description	Indicates that the Host Power status switching to On Failed
Message	Host Power Sequence failed MODULE=%1 REASON=%2
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None

3.5.2.88 HostPowerStateChangeRequest

Parameters	Values
Description	Power State Change Requested
Message	[PowerStateChange][%2][%1] - %3 requested
Arguments	%1: string
	%2: string
	%3: string
Severity	OK
Resolution	None.

3.5.2.89 HostPowerStateOffRequired

Parameters	Values
Description	Indicates that the request requires specified Hosts/Modules to be powered off.
Message	The Hosts/Modules '%1' require to be powered off to perform this request.
Argument	%1: string
Severity	Critical
Resolution	Power off the specified Hosts/Modules and resubmit the request.

3.5.2.90 IntrusionCleared

Parameters	Values
Description	Chassis Intrusion Cleared
Message	Intrusion has been cleared
Severity	Informational
Resolution	None.

3.5.2.91 IntrusionDetected

Parameters	Values
Description	Indicates that Chassis Intrusion has been detected
Message	Intrusion has been detected
Severity	Critical
Resolution	Clear intrusion status using redfish/busctl commands

3.5.2.92 InvalidParameter

Parameters	Values
Description	Allowed parameter is 0 or 1.
Message	Allowed parameter is 0 or 1.
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.93 InvalidPartition

Parameters	Values
Description	Indicates that the request requires a supported partition config value.
Message	Partition Request Failed REASON=%1
Argument	%1: string
Severity	Warning
Resolution	Resubmit the request with valid partition config or check the Host state, refer the documentation for the supported partition configs.

3.5.2.94 InvalidPartitionConf

Parameters	Values
Description	Indicates that the request requires a supported partition config value.
Message	The request failed due to invalid partition config.
Severity	Warning
Resolution	Resubmit the request with valid partition config, refer the documentation for the supported partition configs.

3.5.2.95 LocalDBusFailure

Parameters	Values
Description	An error occurred on local dbus.
Message	An error occurred on local dbus.
Severity	Critical
Resolution	None

3.5.2.96 LoginFailed

Parameters	Values
Description	Login attempt failed
Message	Login attempt failed for user '%1' from host '%2'.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	None

3.5.2.97 LoginFailedSSH

Parameters	Values
Description	SSH login failed
Message	Login attempt failed on SSH for user '%1' from host '%2'.
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	None

3.5.2.98 LowPowerMessage

Parameters	Values
Description	Indicates a power failure
Message	LowPower request signal received from %1. Details: VCapa@start= %2 : VCapa@end= %3 : Duration= %4
Arguments	%1: string
	%2: string
	%3: string
	%4: string
Severity	Critical
Resolution	None.

3.5.2.99 MaintenanceCompletedFailed

Parameters	Values
Description	Indicates that the maintenanceCompleted command failed.
Message	Fail to go back to nominal mode: %1
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.100 MaintenanceRenewalAlreadyStarted

Parameters	Values
Description	Indicates that a rack maintenance renewal is already started.
Message	A rack maintenance renewal is already running: %1
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.101 MaintenanceRenewalFailed

Parameters	Values
Description	Indicates that the rack maintenance renewal sequence failed.
Message	Fail to start Rack maintenance renewal sequence: %1
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.102 MaintenanceRenewalInProgress

Parameters	Values
Description	Indicates that a rack maintenance renewal sequence is in progress.
Message	A rack maintenance renewal is in progress: %1
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.103 MemoryInitErrors

Parameters	Values
Description	Lists the memory init errors
Message	[MEMORYINITERROR]:ModuleNumber=%1; CpuNumber=%2; DIMM=%3; RankNumber=%4; MajorWarningCode=%5;MajorWarning=%6; MinorWarningCode=%7; MinorWarning=%8; IsFatal=%9; IsChannelExcluded=%10
Arguments	%1: number
	%2: number
	%3: string
	%4: number
	%5: number
	%6: string
	%7: number
	%8: string
	%9: number
	%10: number
Severity	Warning
Resolution	None.

3.5.2.104 MemorySizeDifferent

Parameters	Values
Description	Indicates that the set Memory Size is different than the previous one
Message	Memory Size set via IPMI is different than the previous one: previous=%1MB; new=%2MB
Arguments	%1: number
	%2: number
Severity	OK
Resolution	None.

3.5.2.105 ModuleNotReachableOverInternalNet

Parameters	Values
Description	Indicates that the request requires a internal network among the modulesmust be working
Message	Module must be reachable over the internal network to perform this request.
Argument	%1: string
Severity	Critical
Resolution	Resolve the modules internal network connection issue and resubmit the request.

3.5.2.106 NewTaskProgress

Parameters	Values
Description	A task has changed progress.
Message	The task with id %1 has changed to: %2
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None.

3.5.2.107 NotBackupFailure

Parameters	Values
Description	HMC is not a backup.
Message	HMC is not a backup.
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.108 OperationNotAllowedinRecovery

Parameters	Values
Description	Indicates the Requested operation is not allowed in Recovery mode
Message	Requested operation is not allowed in Recovery mode
Severity	WARNING
Resolution	Boot from functional flash to perform this operation

3.5.2.109 P3SOverUnderConsumption

Parameters	Values
Description	Indicate that a P3S is dysfunctioning
Message	The power consumption of %1 is %2 the average power consumption of all P3S
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	None.

3.5.2.110 PCIeCardInserted

Parameters	Values
Description	PCIe card Inserted
Message	PCIe Card Inserted at %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.111 PCIeCardRemoved

Parameters	Values
Description	PCIe card Removed
Message	PCIe Card Removed from %1
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.112 PCIeFaultDetected

Parameters	Values
Description	Indicates that a Fault has been detected in PCIe
Message	PCIe fault %1 has been detected
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.113 PSURedundancyRegained

Parameters	Values
Description	Indicates that the Power Redundancy Regained
Message	Power Redundancy Regained
Severity	OK
Resolution	None.

3.5.2.114 PgoodFault

Parameters	Values
Description	PowerGood Fault Detected
Message	PowerGood Fault detected from %1
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.115 PowerCappingDisabled

Parameters	Values
Description	Indicates that power capping is now disabled
Message	%1 Power capping disabled.
Argument	%1: string
Severity	OK
Resolution	None

3.5.2.116 PowerCappingEnabled

Parameters	Values
Description	Indicates that power capping is now enabled
Message	%1 Power capping enabled.
Argument	%1: string
Severity	OK
Resolution	None

3.5.2.117 PowerConsumptionValues

Parameters	Values
Description	Power Consumption Values :
Message	data=%1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.118 PsuACPwrDetected

Parameters	Values
Description	Indicates that a AC Power supply has been inserted.
Message	AC Power supply %1 Detected
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.119 PsuFaultDetected

Parameters	Values
Description	Indicates that a Fault has been detected in Psu
Message	fault %1 has been detected
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.120 RASevent

Parameters	Values
Description	Lists RAS status and event
Message	[RASEvent]:ModuleNumber=%1; CpuNumber=%2; Dimm=%3; RankNumber=%4; RASeventName=%5; RuntimeRASevent=%6; AdditionalInfo=%7
Arguments	%1: number
	%2: number
	%3: string
	%4: number
	%5: string
	%6: string
	%7: string
Severity	Warning
Resolution	None.

3.5.2.121 RASstatus

Parameters	Values
Description	Lists RAS status and event
Message	[RASStatus]:RASEventName=%1; RASEventState=%2;
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	None.

3.5.2.122 ROOTInfo

Parameters	Values
Description	Indicates the ROOT login status
Message	ROOT Login : %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.123 RackCriticalFailureDetected

Parameters	Values
Description	A critical failure was detected on the rack: Check power and thermal subsystems: %1
Message	A critical failure was detected on the rack: Check power and thermal subsystems: %1
Argument	%1: string
Severity	Critical
Resolution	None

3.5.2.124 RackGracefulShutdownFailure

Parameters	Values
Description	Indicates that the graceful shutdown of the rack has failed
Message	REASON=$1
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.125 RackGracefulShutdownInitiated

Parameters	Values
Description	Indicates that the graceful shutdown of the rack has been initiated
Message	Rack GracefulShutdown Initiated
Severity	OK
Resolution	None.

3.5.2.126 RackGracefulShutdownSuccess

Parameters	Values
Description	Indicates that the graceful shutdown of the rack is successful.
Message	Indicates that the graceful shutdown of the rack is successful.
Severity	OK
Resolution	None.

3.5.2.127 RackMaintenanceCompletedSucceeded

Parameters	Values
Description	Notifies that the rack maintenance completed successfully
Message	Rack maintenance completed successfully
Argument	%1: string
Severity	Info
Resolution	None.

3.5.2.128 RackMaintenanceRenewalStarted

Parameters	Values
Description	Notifies that the rack is starting the maintenance sequence
Message	Rack maintenance renewal mode started
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.129 RackMaintenanceRenewalSucceeded

Parameters	Values
Description	Notifies that the rack maintenance renewal mode ended successfully
Message	Rack maintenance renewal mode ended successfully
Argument	%1: string
Severity	Info
Resolution	None.

3.5.2.130 RackNoneFailureDetected

Parameters	Values
Description	Rack is back to normal health state
Message	Reason is : %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.131 RackPowerOffFailure

Parameters	Values
Description	Indicates that the rack power to Off has failed
Message	REASON=$1
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.132 RackPowerOffInitiated

Parameters	Values
Description	Indicates that the rack power to Off has been initiated
Message	Power Off Initiated
Severity	OK
Resolution	None.

3.5.2.133 RackPowerOffSuccess

Parameters	Values
Description	Indicates that the rack power to Off successfully
Message	Indicates that the rack power to Off successfully
Severity	OK
Resolution	None.

3.5.2.134 RackPowerOnFailure

Parameters	Values
Description	Indicates that the rack to On has failed
Message	REASON=$1
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.135 RackPowerOnInitiated

Parameters	Values
Description	Indicates that the rack power to On has been initiated
Message	Rack Power On Initiated
Severity	OK
Resolution	None.

3.5.2.136 RackPowerOnSuccess

Parameters	Values
Description	Indicates that the rack switched to On successfully
Message	Indicates that the rack switched to On successfully
Severity	OK
Resolution	None.

3.5.2.137 RackSetPointTempOperatingValueFailure

Parameters	Values
Description	SetPointTempOperatingValue settings failed (probably on remote RMC)
Message	SetPointTempOperatingValue may be different on both RMC 0/1
Severity	Critical
Resolution	Please fix network error and retry the command on rmc0

3.5.2.138 RackWarnMaintenanceRenewal

Parameters	Values
Description	Rack is running in renewal maintenance mode
Message	NO RMC monitoring - Cooling may malfunction
Argument	%1: string
Severity	Warning
Resolution	Please care to turn back to nominal mode with /red-fish/v1/Chassis/Rack/Actions/Oem/<your com-pany>/Chassis.MaintenanceCompleted

3.5.2.139 RackWarningFailureDetected

Parameters	Values
Description	A warning failure was detected on the rack: Check power and thermal subsys-tems: %1
Message	A warning failure was detected on the rack: Check power and thermal subsys-tems: %1
Argument	%1: string
Severity	Warning
Resolution	None

3.5.2.140 RackWarningFailureDetected

Parameters	Values
Description	Rack is back to normal health state: %1
Message	Rack is back to normal health state: %1
Argument	%1: string
Severity	Warning
Resolution	None

3.5.2.141 RedstoneBaseboardAlert

Parameters	Values
Description	Indicate a Redstone Baseboard alert is triggered
Message	%1 Generated a baseboard alert
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.142 RedstoneOvertempAlert

Parameters	Values
Description	Indicate a Redstone Overtemp alert is triggered
Message	%1 Generated an overtemperature alert, switch off the HOST
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.143 RemoteDBusFailure

Parameters	Values
Description	An error occurred on remote dbus.
Message	An error occurred on remote dbus.
Severity	Critical
Resolution	None

3.5.2.144 ReportMiscellaneousError

Parameters	Values
Description	Indicates that critical error detected
Message	Error %1 has been detected
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.145 ReportSecurityState

Parameters	Values
Description	Reports the security state of Machine
Message	Machine Security State : %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.146 RmcAsyncWaitFailed

Parameters	Values
Description	Indicates that async_wait failed during TS Global Update.
Message	async_wait failed reason: %1.
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.147 RmcBreakerOnDetected

Parameters	Values
Description	%1: Setpoint was sent to hmc0 and hmc1
Message	%1: Setpoint was sent to hmc0 and hmc1
Argument	%1: string
Severity	OK
Resolution	None

3.5.2.148 RmcBreakerOnSetpointException

Parameters	Values
Description	Breaker on failed: %1
Message	Breaker on failed: %1
Argument	%1: string
Severity	Critical
Resolution	None

3.5.2.149 RmcBreakerOnSetpointFailure

Parameters	Values
Description	Breaker on failed: %1
Message	Breaker on failed: %1
Argument	%1: string
Severity	Critical
Resolution	None

3.5.2.150 RmcFastPathFileSuccess

Parameters	Values
Description	Indicates that the call to set FastPath file path was successful.
Message	set FastPathFilePath successful for %1.
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.151 RmcGlobalSoftwareUpdateStarted

Parameters	Values
Description	Indicates that the TS Global Update has started.
Message	Global Software Update Started.
Severity	OK
Resolution	None.

3.5.2.152 RmcGlobalSoftwareUpdateSuccess

Parameters	Values
Description	A global software update was successful
Message	Global Software Update Successful.
Severity	OK
Resolution	None.

3.5.2.153 RmcGlobalSoftwareUploadStarted

Parameters	Values
Description	Indicates that the TS XML Global Upload has started.
Message	Global Software Upload Started.
Severity	OK
Resolution	None.

3.5.2.154 RmcGlobalSoftwareUploadSuccess

Parameters	Values
Description	A global software updload was successful
Message	Global Software Updlopad Successful.
Severity	OK
Resolution	None.

3.5.2.155 RmcGlobalUpdateNoItemFound

Parameters	Values
Description	Nothing to do.
Message	A task is created if the associated bmc is present and the bmc model is matching the XML model attribute in your xml original file
Argument	%1: string
Severity	WARNING
Resolution	Probabky Component is absent or Model is erroneous

3.5.2.156 RmcGlobalUpdateNoTaskFound

Parameters	Values
Description	Nothing to do.
Message	A task is created if the associated bmc is present and the bmc model is matching the XML model attribute in your xml original file
Argument	%1: string
Severity	WARNING
Resolution	Probabky Component is absent or Model is erroneous

3.5.2.157 RmcGlobalUpdateNoTaskFound

Parameters	Values
Description	Nothing to do - No compatible model was found in file %1.
Message	Problably component is Absent or model is erroneous.
Argument	%1: string
Severity	Critical
Resolution	Check all model= attributes of your xml file.

3.5.2.158 RmcGlobalUpdateStarting

Parameters	Values
Description	Indicates that the TS Global Update is starting.
Message	Global Firmware Update Starting.
Severity	OK
Resolution	None.

3.5.2.159 RmcHmcSetThermalSettingsDone

Parameters	Values
Description	Thermal settings sent to hmc0 and hmc1 done: setpoint is %1
Message	Thermal settings sent to hmc0 and hmc1 done: setpoint is %1
Argument	%1: string
Severity	OK
Resolution	None

3.5.2.160 RmcHmcSetThermalSettingsFailure

Parameters	Values
Description	Thermal setting service failed : Check logs for details
Message	Thermal setting service failed : Check logs for details
Severity	Critical
Resolution	Please set manually the Setpoint temperatures directly on hmc0 and hmc1

3.5.2.161 RmcInitializationDone

Parameters	Values
Description	Indicates that the Rmc had initiated
Message	RMC Initialization Done
Severity	OK
Resolution	None

3.5.2.162 RmcIpFpBadSettings

Parameters	Values
Description	Indicates that the IP Fastpath is not correct
Message	(%1)
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.163 RmcIpFpSettingsDone

Parameters	Values
Description	Indicates that the IP Fastpath setting is done
Message	with %1 address.
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.164 RmcIpFpSettingsFailure

Parameters	Values
Description	Indicates that the IP Fastpath setting has failed
Message	(%1)
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.165 RmcSetDownloadProtocolSuccess

Parameters	Values
Description	Indicates that a set of download protocol change has been requested.
Message	Set download protocol was succcessful for protocol: %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.166 RmcSetDownloadServerSuccess

Parameters	Values
Description	Indicates that a set of download server change has been requested.
Message	Set download server was succcessful for server: %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.167 RmcSetTftpServerSuccess

Parameters	Values
Description	Indicates that the call to setTftpServer was successful.
Message	[setTftpServer] successful for %1.
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.168 RmcSnmpFpSettingsDone

Parameters	Values
Description	Indicates that SNMP Fastpath configuration is done
Message	for %1 user.
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.169 RmcSnmpFpSettingsFailure

Parameters	Values
Description	Indicates that that SNMP Fastpath configuration has failed
Message	for %1 user.
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.170 RmcSnmpFpSettingsFailure

Parameters	Values
Description	Indicates that that SNMP Fastpath configuration is not correct
Message	(%1)
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.171 RmcSoftwareConnectFailure

Parameters	Values
Description	Indicates that an error occurred during Rmc Connection.
Message	An error occurred during Rmc Connection.
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None

3.5.2.172 RmcSoftwareHandshakeFailure

Parameters	Values
Description	Indicates that an error occurred during Rmc Handshake.
Message	An error occurred during Rmc Handshake.
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None

3.5.2.173 RmcSoftwareInternalFailure

Parameters	Values
Description	Indicates that an error occurred .
Message	An error occurred.
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None

3.5.2.174 RmcSoftwareReadFailure

Parameters	Values
Description	Indicates that an error occurred during reading action.
Message	An error occurred during reading action.
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None

3.5.2.175 RmcSoftwareResolveFailure

Parameters	Values
Description	Indicates that an error occurred during resolution of hostname.
Message	An error occurred during resolution of hostname.
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None

3.5.2.176 RmcSoftwareWriteFailure

Parameters	Values
Description	Indicates that an error occurred during writing action.
Message	An error occurred during writing action.
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None

3.5.2.177 RmcTaskStateCompleted

Parameters	Values
Description	Indicates that the TS Global Update task state is Completed.
Message	Task state is Completed.
Severity	OK
Resolution	None.

3.5.2.178 RmcTaskStateCompletedWithWarning

Parameters	Values
Description	Indicates that the TS Global Update task state is Completed with warning.
Message	Task state is Completed with warning.
Severity	OK
Resolution	None.

3.5.2.179 RmcTaskStateException

Parameters	Values
Description	Indicates that the TS Global Update task state is Exception.
Message	Task state is Exception.
Severity	OK
Resolution	None.

3.5.2.180 RmcUpdateHostStatesInternalError

Parameters	Values
Description	Error while updating the CurrentHostState for all hosts before a graceful shutdown.
Message	Internal error while requesting host states
Severity	Critical
Resolution	None.

3.5.2.181 RmcXmlFileLoadingSuccess

Parameters	Values
Description	Indicates that XML file for TS Global Update was successfully loaded.
Message	XML file loaded successfully.
Severity	OK
Resolution	None.

3.5.2.182 RmcfirmwareInventoryCompleted

Parameters	Values
Description	Indicates that RMC firmware inventory is completed.
Message	Firmware inventory is completed.
Severity	OK
Resolution	None.

3.5.2.183 RuntimeMemoryErrors

Parameters	Values
Description	Lists the memory runtime errors
Message	[RUNTIMEERROR]:ModuleNumber=%1; CpuNumber=%2; DIMM=%3; RankNumber=%4; MemErrorType=%5
Arguments	%1: number
	%2: number
	%3: string
	%4: number
	%5: string
Severity	Warning
Resolution	None.

3.5.2.184 SDCardWipeOut

Parameters	Values
Description	Indicates that sd card has been formatted
Message	SD card has been formatted sucessfully
Severity	OK
Resolution	None

3.5.2.185 SbiBmcBootOnBackupFailure

Parameters	Values
Description	Indicates that the Bmc boot on backup has failed
Message	on BMC=%1,REASON=$2
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None.

3.5.2.186 SbiBmcBootOnBackupInitiated

Parameters	Values
Description	Indicates that the Bmc boot on backup has been initiated
Message	%1 Reset Initiated
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.187 SbiBmcBootOnBackupSuccess

Parameters	Values
Description	Indicates that the Bmc boot on backup is successfully
Message	for BMC=%1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.188 SbiBmcResetFailure

Parameters	Values
Description	Indicates that the Bmc reset has failed
Message	on BMC=%1,REASON=$2
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None.

3.5.2.189 SbiBmcResetInitiated

Parameters	Values
Description	Indicates that the Bmc reset has been initiated
Message	%1 Reset Initiated
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.190 SbiBmcResetSuccess

Parameters	Values
Description	Indicates that the Bmc reset is successfully
Message	for BMC=%1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.191 SbiBmcResetToDefaultsFailure

Parameters	Values
Description	Indicates that the Bmc reset to Defaults has failed
Message	on BMC=%1,REASON=$2
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None.

3.5.2.192 SbiBmcResetToDefaultsInitiated

Parameters	Values
Description	Indicates that the Bmc reset to Defaults has been initiated
Message	%1 ResetToDefaults Initiated
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.193 SbiBmcResetToDefaultsSuccess

Parameters	Values
Description	Indicates that the Bmc reset to Defaults is successfully
Message	for BMC=%1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.194 SbiChassisPowerCycleFailure

Parameters	Values
Description	Indicates that the power cycle has failed
Message	on CHASSIS=%1,REASON=$2
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None.

3.5.2.195 SbiChassisPowerCycleInitiated

Parameters	Values
Description	Indicates that the chassis power cycle has been initiated
Message	%1 Power Cycle Initiated
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.196 SbiChassisPowerCycleSuccess

Parameters	Values
Description	Indicates that the power cycled successfully
Message	for CHASSIS=%1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.197 SbiChassisPowerOffFailure

Parameters	Values
Description	Indicates that the power to Off has failed
Message	on CHASSIS=%1,REASON=$2
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None.

3.5.2.198 SbiChassisPowerOffInitiated

Parameters	Values
Description	Indicates that the chassis power to Off has been initiated
Message	%1 Power Off Initiated
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.199 SbiChassisPowerOffSuccess

Parameters	Values
Description	Indicates that the power switched to Off successfully
Message	for CHASSIS=%1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.200 SbiChassisPowerOnFailure

Parameters	Values
Description	Indicates that the chassis power to On has failed
Message	on CHASSIS=%1,REASON=$2
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None.

3.5.2.201 SbiChassisPowerOnInitiated

Parameters	Values
Description	Indicates that the chassis power to On has been initiated
Message	%1 Power On Initiated
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.202 SbiChassisPowerOnSuccess

Parameters	Values
Description	Indicates that the chassis power switched to On successfully
Message	for CHASSIS=%1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.203 SbiRmcBootOnBackupFailure

Parameters	Values
Description	Indicates that the Rmc boot on backup has failed
Message	on RMC=%1,REASON=$2
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None.

3.5.2.204 SbiRmcBootOnBackupInitiated

Parameters	Values
Description	Indicates that the Rmc boot on backup has been initiated
Message	%1 Reset Initiated
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.205 SbiRmcBootOnBackupSuccess

Parameters	Values
Description	Indicates that the Rmc boot on backup is successfully
Message	for RMC=%1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.206 SbiRmcResetFailure

Parameters	Values
Description	Indicates that the Rmc reset has failed
Message	on RMC=%1,REASON=$2
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None.

3.5.2.207 SbiRmcResetInitiated

Parameters	Values
Description	Indicates that the Rmc reset has been initiated
Message	%1 Reset Initiated
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.208 SbiRmcResetSuccess

Parameters	Values
Description	Indicates that the Rmc reset is successfully
Message	for RMC=%1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.209 SbiRmcResetToDefaultsFailure

Parameters	Values
Description	Indicates that the Rmc reset to Defaults has failed
Message	on RMC=%1,REASON=$2
Arguments	%1: string
	%2: string
Severity	Critical
Resolution	None.

3.5.2.210 SbiRmcResetToDefaultsInitiated

Parameters	Values
Description	Indicates that the Rmc reset to Defaults has been initiated
Message	%1 ResetToDefaults Initiated
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.211 SbiRmcResetToDefaultsSuccess

Parameters	Values
Description	Indicates that the reset to Defaults is successfully
Message	for RMC=%1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.212 SdCardCIDChanged

Parameters	Values
Description	notifies that the Sd card CIR has changed
Message	SD card CID changed, new CID = %1
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.213 SdCardError

Parameters	Values
Description	Indicates an issue with the sdcard
Message	failed to get unit media-sdcard.mount, sdcard might be corrupted or not present
Severity	OK
Resolution	None

3.5.2.214 SensorRestored

Parameters	Values
Description	Indicates that the sensor is restored after a problem
Message	Sensor type= %1
Argument	%1: string
Severity	Ok
Resolution	None.

3.5.2.215 SetPowerLimit

Parameters	Values
Description	Set new power limit value for power cappng
Message	%1 Power capping limit changed to %2 W.
Arguments	%1: string
	%2: number
Severity	OK
Resolution	None

3.5.2.216 SignalAssertedError

Parameters	Values
Description	Indicates that a signal has been asserted on FPGA
Message	Signal %1 has been asserted
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.217 SignalAssertedInfo

Parameters	Values
Description	Indicates that a signal has been asserted on FPGA
Message	Signal %1 has been asserted
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.218 SignalAssertedWarning

Parameters	Values
Description	Indicates that a signal has been asserted on FPGA
Message	Signal %1 has been asserted
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.219 SignalDeassertedError

Parameters	Values
Description	Indicates that a signal has been deasserted on FPGA
Message	Signal %1 has been deasserted
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.220 SignalDeassertedInfo

Parameters	Values
Description	Indicates that a signal has been deasserted on FPGA
Message	Signal %1 has been deasserted
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.221 SignalDeassertedWarning

Parameters	Values
Description	Indicates that a signal has been deasserted on FPGA
Message	Signal %1 has been deasserted
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.222 SoftwareUpdateFailure

Parameters	Values
Description	Indicates that the Software Update fhasailed
Message	A software update failed TARGET=%1 VERSION_ID=%2 REASON=%3
Arguments	%1: string
	%2: string
	%3: string
Severity	Critical
Resolution	None

3.5.2.223 SoftwareUpdateStarted

Parameters	Values
Description	Indicates that the Software Update has started
Message	A software update started TARGET=%1 VERSION_ID=%2
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None

3.5.2.224 SoftwareUpdateSuccess

Parameters	Values
Description	Indicates that Software Update has succeeded
Message	A software update was successful TARGET=%1 VERSION_ID=%2
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None

3.5.2.225 SoftwareUploadFailure

Parameters	Values
Description	Indicates that Software Upload has Failed
Message	Software Upload failed FILE=%1
Argument	%1: string
Severity	Critical
Resolution	None

3.5.2.226 SoftwareUploadStarted

Parameters	Values
Description	Indicates that the Software Upload has Started
Message	Software Updload Started FILE=%1
Argument	%1: number
Severity	OK
Resolution	None

3.5.2.227 SoftwareUploadSuccess

Parameters	Values
Description	Indicates that Software Upload has succeeded
Message	Software Upload Suceeded FILE=%1
Argument	%1: number
Severity	OK
Resolution	None

3.5.2.228 StartFactoryReset

Parameters	Values
Description	Indicates that a factory reset has started
Message	Perform Factory Reset, BMC will reboot to apply the factory reset
Severity	OK
Resolution	None

3.5.2.229 SwitchingInProgress

Parameters	Values
Description	HMCs switch already in progress, retry later.
Message	HMCs switch already in progress, retry later.
Argument	%1: string
Severity	Warning
Resolution	None.

3.5.2.230 ThrottlingMessageStart

Parameters	Values
Description	Indicates that the sending of a throttling message to the CPU/DDR has started after a signal triggering
Message	Start sending throttling message to %1 following %2 signal triggering
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	None.

3.5.2.231 ThrottlingMessageStop

Parameters	Values
Description	Indicates that the sending of a throttling message to the CPU/DDR has stopped after a signal triggering
Message	Stop sending throttling message to %1 following %2 signal triggering
Arguments	%1: string
	%2: string
Severity	Warning
Resolution	None.

3.5.2.232 Timeout

Parameters	Values
Description	Indicates that the host ipmi watchdog timer has been timed out and performing the requested action.
Message	Host Watchdog timed out, Executing Action : %1
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.233 UPIWarnings

Parameters	Values
Description	Lists the memory init errors
Message	[UPIWARNINGS]:PhysicalModuleNumber=%1; SocketNumber=%2; UPI-PortNumber=%3; UNCUPIFlag=%4; LocalUNBNumber=%5; LocalUNCNumber=%6; MajorWarningCode=%7; MinorWarningCode=%8; IsFatal=%9; RailNumber=%10;
Arguments	%1: number
	%2: number
	%3: number
	%4: number
	%5: number
	%6: number
	%7: number
	%8: string
	%9: number
	%10: number
Severity	Warning
Resolution	None.

3.5.2.234 UserCreated

Parameters	Values
Description	Indicates User is created
Message	User with username %1 created successfully
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.235 UserDeleted

Parameters	Values
Description	Indicates User is Deleted
Message	User with username %1 deleted successfully
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.236 UserDisabled

Parameters	Values
Description	Indicates User is Disabled
Message	User with username %1 disabled successfully
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.237 UserEnabled

Parameters	Values
Description	Indicates User is enabled
Message	User with username %1 enabled successfully
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.238 UserLoggedIn

Parameters	Values
Description	User logged in
Message	User '%1' logged in from host '%2'.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None

3.5.2.239 UserLoggedInSSH

Parameters	Values
Description	User logged in to SSH
Message	User '%1' logged in to SSH from host '%2'.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None

3.5.2.240 UserLoggedOut

Parameters	Values
Description	User logged out
Message	User '%1' logged out.
Argument	%1: string
Severity	OK
Resolution	None

3.5.2.241 UserLoggedOutSSH

Parameters	Values
Description	User logged out of SSH
Message	User '%1' from host '%2' logged out of SSH.
Arguments	%1: string
	%2: string
Severity	OK
Resolution	None

3.5.2.242 WatchdogReset

Parameters	Values
Description	Indicates that watchdog reset detected
Message	Watchdog reset has been detected
Severity	Critical
Resolution	None.

3.5.2.243 WrongSensorReadingCritical

Parameters	Values
Description	Indicates that the sensor value can be wrongdue to missing or divergent sensor
Message	Sensor type= %1, Missing sensors= %2, Divergent sensors= %3
Arguments	%1: string
	%2: number
	%3: number
Severity	Critical
Resolution	None.

3.5.2.244 WrongSensorReadingOk

Parameters	Values
Description	Indicates that the sensor value can be wrongdue to missing or divergent sensor
Message	Sensor type= %1, Missing sensors= %2, Divergent sensors= %3
Arguments	%1: string
	%2: number
	%3: number
Severity	Ok
Resolution	None.

3.5.2.245 WrongSensorReadingWarning

Parameters	Values
Description	Indicates that the sensor value can be wrongdue to missing or divergent sensor
Message	Sensor type= %1, Missing sensors= %2, Divergent sensors= %3
Arguments	%1: string
	%2: number
	%3: number
Severity	Warning
Resolution	None.

3.5.2.246 Z3nqRetimersVersionDiscrepency

Parameters	Values
Description	Indicates that the z3nq retimers have not the same version
Message	Z3NQ retimers version discrepency detected
Severity	Critical
Resolution	None.

3.5.2.247 ZeroconfSpreadFailure

Parameters	Values
Description	Indicates that the zeroconf of board is updated successfully
Message	from %1 to %2 for entire Rack
Argument	%1: string
Severity	Critical
Resolution	None.

3.5.2.248 ZeroconfSpreadSuccess

Parameters	Values
Description	Indicates that the zeroconf of board is updated successfully
Message	from %1 to %2 for entire Rack
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.249 ZeroconfUpdateSuccess

Parameters	Values
Description	Indicates that the zeroconf of board is updated successfully
Message	from %1 to %2 for %3
Argument	%1: string
Severity	OK
Resolution	None.

3.5.2.250 hmcInvalidState

Parameters	Values
Description	Indicates that HMC can't go to the given state
Message	HMC can't go to the given state
Severity	Critical
Resolution	None.