



GetIpmiConfig

Element Software

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GetIpmiConfig

You can use the `GetIpmiConfig` method to retrieve hardware sensor information from sensors that are in your node.



SolidFire Enterprise SDS does not support this method. If you use this method on a SolidFire eSDS system, the method will return an error.

Parameter

This method has the following input parameter:

Name	Description	Type
chassisType	Used to display information for each node chassis type. Possible values: <ul style="list-style-type: none">• all: returns sensor information for each chassis type.• {chassis type}: returns sensor information for a specified chassis type.	string

Return values

This method has the following return values:

Name	Description	Type
sensorName	Name of the sensor that has been found.	string
uniqueSensorID	Unique identifier for the sensor.	string

Request example

Requests for this method are similar to the following example:

```
{
  "method": "GetIpmiConfig",
  "params": {
    "chassisType": "all"
  },
  "id" : 1
}
```

Response example

This method returns a response similar to the following example:

```
{
  "id": 1,
  "result": {
    "nodes": [
      {
        "nodeID": 1,
        "result": {
          "ipmiConfig": {
            "C220M4": [
              {
                "sensorName": "Fan1A RPM",
                "uniqueSensorID": "29.1:0xf"
              },
              {
                "sensorName": "Fan1B RPM",
                "uniqueSensorID": "29.1:0x10"
              },
              {
                "sensorName": "Fan2A RPM",
                "uniqueSensorID": "29.2:0x11"
              },
              {
                "sensorName": "Fan2B RPM",
                "uniqueSensorID": "29.2:0x12"
              },
              {
                "sensorName": "Fan3A RPM",
                "uniqueSensorID": "29.3:0x13"
              },
              {
                "sensorName": "Fan3B RPM",
                "uniqueSensorID": "29.3:0x14"
              }
            ]
          }
        }
      }
    ]
  }
}
```

```

    },
    {
      "sensorName": "Fan4A RPM",
      "uniqueSensorID": "29.4:0x15"
    },
    {
      "sensorName": "Fan4B RPM",
      "uniqueSensorID": "29.4:0x16"
    },
    {
      "sensorName": "Fan5A RPM",
      "uniqueSensorID": "29.5:0x17"
    },
    {
      "sensorName": "Fan5B RPM",
      "uniqueSensorID": "29.5:0x18"
    },
    {
      "sensorName": "Fan6A RPM",
      "uniqueSensorID": "29.6:0x19"
    },
    {
      "sensorName": "Fan6B RPM",
      "uniqueSensorID": "29.6:0x1a"
    },
    {
      "sensorName": "Exhaust Temp",
      "uniqueSensorID": "7.1:0x1"
    },
    {
      "sensorName": "Inlet Temp",
      "uniqueSensorID": "7.1:0x4"
    },
    {
      "sensorName": "PS1",
      "uniqueSensorID": "10.1:0x26"
    },
    {
      "sensorName": "PS2",
      "uniqueSensorID": "10.2:0x2c"
    }
  ],
  "R620": [
    {
      "sensorName": "Fan1A RPM",
      "uniqueSensorID": "7.1:0x30"
    }
  ]
}

```

```
},
{
  "sensorName": "Fan1B RPM",
  "uniqueSensorID": "7.1:0x31"
},
{
  "sensorName": "Fan2A RPM",
  "uniqueSensorID": "7.1:0x32"
},
{
  "sensorName": "Fan2B RPM",
  "uniqueSensorID": "7.1:0x33"
},
{
  "sensorName": "Fan3A RPM",
  "uniqueSensorID": "7.1:0x34"
},
{
  "sensorName": "Fan3B RPM",
  "uniqueSensorID": "7.1:0x35"
},
{
  "sensorName": "Fan4A RPM",
  "uniqueSensorID": "7.1:0x36"
},
{
  "sensorName": "Fan4B RPM",
  "uniqueSensorID": "7.1:0x37"
},
{
  "sensorName": "Fan5A RPM",
  "uniqueSensorID": "7.1:0x38"
},
{
  "sensorName": "Fan5B RPM",
  "uniqueSensorID": "7.1:0x39"
},
{
  "sensorName": "Fan6A RPM",
  "uniqueSensorID": "7.1:0x3a"
},
{
  "sensorName": "Fan6B RPM",
  "uniqueSensorID": "7.1:0x3b"
},
{
```

```
    "sensorName": "Fan7A RPM",
    "uniqueSensorID": "7.1:0x3c"
  },
  {
    "sensorName": "Fan7B RPM",
    "uniqueSensorID": "7.1:0x3d"
  },
  {
    "sensorName": "Exhaust Temp",
    "uniqueSensorID": "7.1:0x1"
  },
  {
    "sensorName": "Inlet Temp",
    "uniqueSensorID": "7.1:0x4"
  },
  {
    "sensorName": "PS1",
    "uniqueSensorID": "10.1:0x62"
  },
  {
    "sensorName": "PS2",
    "uniqueSensorID": "10.2:0x63"
  }
],
}
```

New since version

9.6

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