

SMI Microservice

Server Configuration Profile- WSMAN

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1. Overview

1.1. Version information

Version : API Version :1.0

Release Version :1.0.93

Release Tag :devel

Release Date :10-02-2017_02-45

1.2. URI scheme

Host : 10.62.59.155:46018

BasePath : /

1.3. Tags

- configuration-controller : Configuration Controller
- trap-config-controller : Trap Config Controller

2. Resources

2.1. Configuration-controller

Configuration Controller

2.1.1. Clone Configuration

```
POST /api/1.0/server/configuration/clone
```

Description

This operation allows a user to export the system configuration in clone mode from the server to a file on a remote share.

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	ServerAndNetworkShareRequest

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/server/configuration/clone
```

Request body

```
{
  "componentNames" : [ "string" ],
  "fileName" : "string",
  "serverIP" : "string",
  "serverPassword" : "string",
  "serverUsername" : "string",
  "shareAddress" : "string",
  "shareName" : "string",
  "sharePassword" : "string",
  "shareType" : 0,
  "shareUsername" : "string",
  "shutdownType" : 0
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
    "jobId" : "string",
    "biosUpdateAttributesResult" : "string",
```

```

    "updatedAttributes" : {
        "string" : "string"
    },
    "changeBootOrderSequenceMessage" : "string",
    "changeHddSequenceMessage" : "string",
    "enableBootDevicesResult" : "string",
    "disableBootDevicesResult" : "string",
    "xmlConfig" : {
        "jobID" : "string",
        "message" : "string",
        "result" : "string"
    }
},
"error" : "string",
"errors" : [ "string" ],
"message" : "string",
"result" : "object",
"serverComponents" : [ {
    "attributes" : [ {
        "name" : "string",
        "value" : "string"
    } ],
    "fqdd" : "string",
    "subComponents" : [ {
        "attributes" : [ {
            "name" : "string",
            "value" : "string"
        } ],
        "fqdd" : "string",
        "nestedComponents" : [ {
            "attributes" : [ {
                "name" : "string",
                "value" : "string"
            } ],
            "fqdd" : "string"
        } ]
    } ]
} ],
"systemBiosSettings" : {
    "attributes" : [ {
        "name" : "string",
        "value" : "string"
    } ],
    "bootSourceSettings" : [ {
        "BIOSBootString" : "string",
        "BootSourceType" : "string",
        "BootString" : "string",
        "CurrentAssignedSequence" : "string",
        "CurrentEnabledStatus" : "string",
        "ElementName" : "string",
        "FailThroughSupported" : "string",

```

```

    "InstanceID" : "string",
    "PendingAssignedSequence" : "string",
    "PendingEnabledStatus" : "string"
  } ],
  "possibleValuesForAttributes" : {
    "string" : "<<_list>>"
  }
},
"xmlConfig" : {
  "jobID" : "string",
  "message" : "string",
  "result" : "string"
}
}

```

2.1.2. Configure BIOS Settings

POST /api/1.0/server/configuration/configureBios

Description

This operation allows a user to configure BIOS Settings.

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	BiosSetupRequest

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/server/configuration/configureBios
```

Request body

```
{
  "serverRequest" : {
    "serverIP" : "string",
    "serverUsername" : "string",
    "serverPassword" : "string"
  },
  "attributes" : [ {
    "name" : "string",
    "value" : "string"
  } ],
  "biosBootSequenceOrder" : [ "string" ],
  "hddSequenceOrder" : [ "string" ],
  "enableBootDevices" : [ "string" ],
  "disableBootDevices" : [ "string" ],
  "rebootJobType" : 0,
  "scheduledStartTime" : "string",
  "untilTime" : "string"
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
    "jobId" : "string",
    "biosUpdateAttributesResult" : "string",
    "updatedAttributes" : {
      "string" : "string"
    },
  },
  "changeBootOrderSequenceMessage" : "string",
  "changeHddSequenceMessage" : "string",
  "enableBootDevicesResult" : "string",
  "disableBootDevicesResult" : "string",
  "xmlConfig" : {
    "jobID" : "string",
    "message" : "string",
    "result" : "string"
  }
}
```

```

},
"error" : "string",
"errors" : [ "string" ],
"message" : "string",
"result" : "object",
"serverComponents" : [ {
  "attributes" : [ {
    "name" : "string",
    "value" : "string"
  } ],
  "fqdd" : "string",
  "subComponents" : [ {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ],
    "fqdd" : "string",
    "nestedComponents" : [ {
      "attributes" : [ {
        "name" : "string",
        "value" : "string"
      } ],
      "fqdd" : "string"
    } ]
  } ]
} ],
"systemBiosSettings" : {
  "attributes" : [ {
    "name" : "string",
    "value" : "string"
  } ],
  "bootSourceSettings" : [ {
    "BIOSBootString" : "string",
    "BootSourceType" : "string",
    "BootString" : "string",
    "CurrentAssignedSequence" : "string",
    "CurrentEnabledStatus" : "string",
    "ElementName" : "string",
    "FailThroughSupported" : "string",
    "InstanceID" : "string",
    "PendingAssignedSequence" : "string",
    "PendingEnabledStatus" : "string"
  } ],
  "possibleValuesForAttributes" : {
    "string" : "<<_list>>"
  }
},
"xmlConfig" : {
  "jobID" : "string",
  "message" : "string",
  "result" : "string"
}

```



```
}  
}
```

2.1.3. Export Configuration

POST /api/1.0/server/configuration/export

Description

This operation allows a user to export the system configuration in normal mode from the server to a file on a remote share.

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	ServerAndNetworkShareRequest

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

/api/1.0/server/configuration/export

Request body

```
{
  "componentNames" : [ "string" ],
  "fileName" : "string",
  "serverIP" : "string",
  "serverPassword" : "string",
  "serverUsername" : "string",
  "shareAddress" : "string",
  "shareName" : "string",
  "sharePassword" : "string",
  "shareType" : 0,
  "shareUsername" : "string",
  "shutdownType" : 0
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
    "jobId" : "string",
    "biosUpdateAttributesResult" : "string",
    "updatedAttributes" : {
      "string" : "string"
    },
    "changeBootOrderSequenceMessage" : "string",
    "changeHddSequenceMessage" : "string",
    "enableBootDevicesResult" : "string",
    "disableBootDevicesResult" : "string",
    "xmlConfig" : {
      "jobID" : "string",
      "message" : "string",
      "result" : "string"
    }
  },
  "error" : "string",
  "errors" : [ "string" ],
  "message" : "string",
  "result" : "object",
  "serverComponents" : [ {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ],
    "fqdd" : "string",
    "subComponents" : [ {
      "attributes" : [ {
        "name" : "string",
```

```

        "value" : "string"
    } ],
    "fqdd" : "string",
    "nestedComponents" : [ {
        "attributes" : [ {
            "name" : "string",
            "value" : "string"
        } ],
        "fqdd" : "string"
    } ]
} ],
"systemBiosSettings" : {
    "attributes" : [ {
        "name" : "string",
        "value" : "string"
    } ],
    "bootSourceSettings" : [ {
        "BIOSBootString" : "string",
        "BootSourceType" : "string",
        "BootString" : "string",
        "CurrentAssignedSequence" : "string",
        "CurrentEnabledStatus" : "string",
        "ElementName" : "string",
        "FailThroughSupported" : "string",
        "InstanceID" : "string",
        "PendingAssignedSequence" : "string",
        "PendingEnabledStatus" : "string"
    } ],
    "possibleValuesForAttributes" : {
        "string" : "<<_list>>"
    }
},
"xmlConfig" : {
    "jobID" : "string",
    "message" : "string",
    "result" : "string"
}
}

```

2.1.4. Export Hardware Inventory

POST /api/1.0/server/configuration/exportInventory

Description

This operation allows a user to export the hardware inventory for attribute registry from the server to a file on a remote share

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	ServerAndNetworkShareRequest

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/server/configuration/exportInventory
```

Request body

```
{
  "componentNames" : [ "string" ],
  "fileName" : "string",
  "serverIP" : "string",
  "serverPassword" : "string",
  "serverUsername" : "string",
  "shareAddress" : "string",
  "shareName" : "string",
  "sharePassword" : "string",
  "shareType" : 0,
  "shareUsername" : "string",
  "shutdownType" : 0
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
    "jobId" : "string",
    "biosUpdateAttributesResult" : "string",
    "updatedAttributes" : {
      "string" : "string"
    },
    "changeBootOrderSequenceMessage" : "string",
    "changeHddSequenceMessage" : "string",
    "enableBootDevicesResult" : "string",
    "disableBootDevicesResult" : "string",
    "xmlConfig" : {
      "jobID" : "string",
      "message" : "string",
      "result" : "string"
    }
  },
  "error" : "string",
  "errors" : [ "string" ],
  "message" : "string",
  "result" : "object",
  "serverComponents" : [ {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ],
    "fqdd" : "string",
    "subComponents" : [ {
      "attributes" : [ {
        "name" : "string",
        "value" : "string"
      } ],
      "fqdd" : "string",
      "nestedComponents" : [ {
        "attributes" : [ {
          "name" : "string",
          "value" : "string"
        } ],
        "fqdd" : "string"
      } ]
    } ]
  } ],
  "systemBiosSettings" : {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ]
  }
}
```

```

    } ],
    "bootSourceSettings" : [ {
        "BIOSBootString" : "string",
        "BootSourceType" : "string",
        "BootString" : "string",
        "CurrentAssignedSequence" : "string",
        "CurrentEnabledStatus" : "string",
        "ElementName" : "string",
        "FailThroughSupported" : "string",
        "InstanceID" : "string",
        "PendingAssignedSequence" : "string",
        "PendingEnabledStatus" : "string"
    } ],
    "possibleValuesForAttributes" : {
        "string" : "<<_list>>"
    }
},
"xmlConfig" : {
    "jobID" : "string",
    "message" : "string",
    "result" : "string"
}
}

```

2.1.5. Factory Configuration

POST /api/1.0/server/configuration/factory

Description

This operation allows a user to export the factory setting system configuration from the server to a file on a remote share

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	ServerAndNetworkShareRequest

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/server/configuration/factory
```

Request body

```
{
  "componentNames" : [ "string" ],
  "fileName" : "string",
  "serverIP" : "string",
  "serverPassword" : "string",
  "serverUsername" : "string",
  "shareAddress" : "string",
  "shareName" : "string",
  "sharePassword" : "string",
  "shareType" : 0,
  "shareUsername" : "string",
  "shutdownType" : 0
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
    "jobId" : "string",
    "biosUpdateAttributesResult" : "string",
    "updatedAttributes" : {
      "string" : "string"
    },
  },
  "changeBootOrderSequenceMessage" : "string",
  "changeHddSequenceMessage" : "string",
}
```

```

    "enableBootDevicesResult" : "string",
    "disableBootDevicesResult" : "string",
    "xmlConfig" : {
        "jobID" : "string",
        "message" : "string",
        "result" : "string"
    }
},
"error" : "string",
"errors" : [ "string" ],
"message" : "string",
"result" : "object",
"serverComponents" : [ {
    "attributes" : [ {
        "name" : "string",
        "value" : "string"
    } ],
    "fqdd" : "string",
    "subComponents" : [ {
        "attributes" : [ {
            "name" : "string",
            "value" : "string"
        } ],
        "fqdd" : "string",
        "nestedComponents" : [ {
            "attributes" : [ {
                "name" : "string",
                "value" : "string"
            } ],
            "fqdd" : "string"
        } ]
    } ]
} ],
"systemBiosSettings" : {
    "attributes" : [ {
        "name" : "string",
        "value" : "string"
    } ],
    "bootSourceSettings" : [ {
        "BIOSBootString" : "string",
        "BootSourceType" : "string",
        "BootString" : "string",
        "CurrentAssignedSequence" : "string",
        "CurrentEnabledStatus" : "string",
        "ElementName" : "string",
        "FailThroughSupported" : "string",
        "InstanceID" : "string",
        "PendingAssignedSequence" : "string",
        "PendingEnabledStatus" : "string"
    } ],
    "possibleValuesForAttributes" : {

```



```
    "string" : "<<_list>>"
  },
  },
  "xmlConfig" : {
    "jobID" : "string",
    "message" : "string",
    "result" : "string"
  }
}
```

2.1.6. Get BIOS Configuration

POST /api/1.0/server/configuration/getBiosConfiguration

Description

This operation gives the configured BIOS Configuration of server.

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	ServerRequest

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

/api/1.0/server/configuration/getBiosConfiguration

Request body

```
{
  "serverIP" : "string",
  "serverUsername" : "string",
  "serverPassword" : "string"
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
    "jobId" : "string",
    "biosUpdateAttributesResult" : "string",
    "updatedAttributes" : {
      "string" : "string"
    },
    "changeBootOrderSequenceMessage" : "string",
    "changeHddSequenceMessage" : "string",
    "enableBootDevicesResult" : "string",
    "disableBootDevicesResult" : "string",
    "xmlConfig" : {
      "jobID" : "string",
      "message" : "string",
      "result" : "string"
    }
  },
  "error" : "string",
  "errors" : [ "string" ],
  "message" : "string",
  "result" : "object",
  "serverComponents" : [ {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ],
    "fqdd" : "string",
    "subComponents" : [ {
      "attributes" : [ {
        "name" : "string",
        "value" : "string"
      } ],
      "fqdd" : "string",

```

```

    "nestedComponents" : [ {
      "attributes" : [ {
        "name" : "string",
        "value" : "string"
      } ],
      "fqdd" : "string"
    } ]
  } ],
} ],
"systemBiosSettings" : {
  "attributes" : [ {
    "name" : "string",
    "value" : "string"
  } ],
  "bootSourceSettings" : [ {
    "BIOSBootString" : "string",
    "BootSourceType" : "string",
    "BootString" : "string",
    "CurrentAssignedSequence" : "string",
    "CurrentEnabledStatus" : "string",
    "ElementName" : "string",
    "FailThroughSupported" : "string",
    "InstanceID" : "string",
    "PendingAssignedSequence" : "string",
    "PendingEnabledStatus" : "string"
  } ],
  "possibleValuesForAttributes" : {
    "string" : "<<_list>>"
  }
},
"xmlConfig" : {
  "jobID" : "string",
  "message" : "string",
  "result" : "string"
}
}

```

2.1.7. Get Components

POST /api/1.0/server/configuration/getComponents

Description

This operation gives the server system configuration.

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	ServerAndNetworkShareRequest

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/server/configuration/getComponents
```

Request body

```
{
  "componentNames" : [ "string" ],
  "fileName" : "string",
  "serverIP" : "string",
  "serverPassword" : "string",
  "serverUsername" : "string",
  "shareAddress" : "string",
  "shareName" : "string",
  "sharePassword" : "string",
  "shareType" : 0,
  "shareUsername" : "string",
  "shutdownType" : 0
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
    "jobId" : "string",
    "biosUpdateAttributesResult" : "string",
    "updatedAttributes" : {
      "string" : "string"
    },
    "changeBootOrderSequenceMessage" : "string",
    "changeHddSequenceMessage" : "string",
    "enableBootDevicesResult" : "string",
    "disableBootDevicesResult" : "string",
    "xmlConfig" : {
      "jobID" : "string",
      "message" : "string",
      "result" : "string"
    }
  },
  "error" : "string",
  "errors" : [ "string" ],
  "message" : "string",
  "result" : "object",
  "serverComponents" : [ {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ],
    "fqdd" : "string",
    "subComponents" : [ {
      "attributes" : [ {
        "name" : "string",
        "value" : "string"
      } ],
      "fqdd" : "string",
      "nestedComponents" : [ {
        "attributes" : [ {
          "name" : "string",
          "value" : "string"
        } ],
        "fqdd" : "string"
      } ]
    } ]
  } ],
  "systemBiosSettings" : {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ]
  }
}
```

```

    } ],
    "bootSourceSettings" : [ {
        "BIOSBootString" : "string",
        "BootSourceType" : "string",
        "BootString" : "string",
        "CurrentAssignedSequence" : "string",
        "CurrentEnabledStatus" : "string",
        "ElementName" : "string",
        "FailThroughSupported" : "string",
        "InstanceID" : "string",
        "PendingAssignedSequence" : "string",
        "PendingEnabledStatus" : "string"
    } ],
    "possibleValuesForAttributes" : {
        "string" : "<<_list>>"
    }
},
"xmlConfig" : {
    "jobID" : "string",
    "message" : "string",
    "result" : "string"
}
}

```

2.1.8. Image Backup

POST /api/1.0/server/configuration/image/backup

Description

This operation allows a user to take backup of configuration and firmware as Image from Server.

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	ServerAndNetworkShareImageRequest

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/server/configuration/image/backup
```

Request body

```
{
  "fileName" : "string",
  "filePathName" : "string",
  "imageName" : "string",
  "passPhrase" : "string",
  "preserveVDConfig" : "string",
  "scheduleStartTime" : "string",
  "serverIP" : "string",
  "serverPassword" : "string",
  "serverUsername" : "string",
  "shareAddress" : "string",
  "shareName" : "string",
  "sharePassword" : "string",
  "shareType" : 0,
  "shareUsername" : "string",
  "untilTime" : "string",
  "workgroup" : "string"
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
    "jobId" : "string",
    "biosUpdateAttributesResult" : "string",
```

```

    "updatedAttributes" : {
        "string" : "string"
    },
    "changeBootOrderSequenceMessage" : "string",
    "changeHddSequenceMessage" : "string",
    "enableBootDevicesResult" : "string",
    "disableBootDevicesResult" : "string",
    "xmlConfig" : {
        "jobID" : "string",
        "message" : "string",
        "result" : "string"
    }
},
"error" : "string",
"errors" : [ "string" ],
"message" : "string",
"result" : "object",
"serverComponents" : [ {
    "attributes" : [ {
        "name" : "string",
        "value" : "string"
    } ],
    "fqdd" : "string",
    "subComponents" : [ {
        "attributes" : [ {
            "name" : "string",
            "value" : "string"
        } ],
        "fqdd" : "string",
        "nestedComponents" : [ {
            "attributes" : [ {
                "name" : "string",
                "value" : "string"
            } ],
            "fqdd" : "string"
        } ]
    } ]
} ],
"systemBiosSettings" : {
    "attributes" : [ {
        "name" : "string",
        "value" : "string"
    } ],
    "bootSourceSettings" : [ {
        "BIOSBootString" : "string",
        "BootSourceType" : "string",
        "BootString" : "string",
        "CurrentAssignedSequence" : "string",
        "CurrentEnabledStatus" : "string",
        "ElementName" : "string",
        "FailThroughSupported" : "string",

```



```

    "InstanceID" : "string",
    "PendingAssignedSequence" : "string",
    "PendingEnabledStatus" : "string"
  } ],
  "possibleValuesForAttributes" : {
    "string" : "<<_list>>"
  }
},
"xmlConfig" : {
  "jobID" : "string",
  "message" : "string",
  "result" : "string"
}
}

```

2.1.9. Image Restore

POST /api/1.0/server/configuration/image/restore

Description

This operation allows a user to restore the backed up image of configuration and firmware.

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	ServerAndNetworkShareImageRequest

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/server/configuration/image/restore
```

Request body

```
{
  "fileName" : "string",
  "filePathName" : "string",
  "imageName" : "string",
  "passPhrase" : "string",
  "preserveVDConfig" : "string",
  "scheduleStartTime" : "string",
  "serverIP" : "string",
  "serverPassword" : "string",
  "serverUsername" : "string",
  "shareAddress" : "string",
  "shareName" : "string",
  "sharePassword" : "string",
  "shareType" : 0,
  "shareUsername" : "string",
  "untilTime" : "string",
  "workgroup" : "string"
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
    "jobId" : "string",
    "biosUpdateAttributesResult" : "string",
    "updatedAttributes" : {
      "string" : "string"
    },
  },
  "changeBootOrderSequenceMessage" : "string",
  "changeHddSequenceMessage" : "string",
  "enableBootDevicesResult" : "string",
  "disableBootDevicesResult" : "string",
  "xmlConfig" : {
    "jobID" : "string",
    "message" : "string",
    "result" : "string"
  }
}
```

```

},
"error" : "string",
"errors" : [ "string" ],
"message" : "string",
"result" : "object",
"serverComponents" : [ {
  "attributes" : [ {
    "name" : "string",
    "value" : "string"
  } ],
  "fqdd" : "string",
  "subComponents" : [ {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ],
    "fqdd" : "string",
    "nestedComponents" : [ {
      "attributes" : [ {
        "name" : "string",
        "value" : "string"
      } ],
      "fqdd" : "string"
    } ]
  } ]
} ],
"systemBiosSettings" : {
  "attributes" : [ {
    "name" : "string",
    "value" : "string"
  } ],
  "bootSourceSettings" : [ {
    "BIOSBootString" : "string",
    "BootSourceType" : "string",
    "BootString" : "string",
    "CurrentAssignedSequence" : "string",
    "CurrentEnabledStatus" : "string",
    "ElementName" : "string",
    "FailThroughSupported" : "string",
    "InstanceID" : "string",
    "PendingAssignedSequence" : "string",
    "PendingEnabledStatus" : "string"
  } ],
  "possibleValuesForAttributes" : {
    "string" : "<<_list>>"
  }
},
"xmlConfig" : {
  "jobID" : "string",
  "message" : "string",
  "result" : "string"
}

```

```
}  
}
```

2.1.10. Import Configuration

POST /api/1.0/server/configuration/import

Description

This operation allows a user to import the system configuration from a file located on remote share to server

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	ServerAndNetworkShareRequest

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [application/json](#)

Example HTTP request

Request path

/api/1.0/server/configuration/import

Request body

```
{
  "componentNames" : [ "string" ],
  "fileName" : "string",
  "serverIP" : "string",
  "serverPassword" : "string",
  "serverUsername" : "string",
  "shareAddress" : "string",
  "shareName" : "string",
  "sharePassword" : "string",
  "shareType" : 0,
  "shareUsername" : "string",
  "shutdownType" : 0
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
    "jobId" : "string",
    "biosUpdateAttributesResult" : "string",
    "updatedAttributes" : {
      "string" : "string"
    },
    "changeBootOrderSequenceMessage" : "string",
    "changeHddSequenceMessage" : "string",
    "enableBootDevicesResult" : "string",
    "disableBootDevicesResult" : "string",
    "xmlConfig" : {
      "jobID" : "string",
      "message" : "string",
      "result" : "string"
    }
  },
  "error" : "string",
  "errors" : [ "string" ],
  "message" : "string",
  "result" : "object",
  "serverComponents" : [ {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ],
    "fqdd" : "string",
    "subComponents" : [ {
      "attributes" : [ {
        "name" : "string",
```

```

        "value" : "string"
    } ],
    "fqdd" : "string",
    "nestedComponents" : [ {
        "attributes" : [ {
            "name" : "string",
            "value" : "string"
        } ],
        "fqdd" : "string"
    } ]
} ],
"systemBiosSettings" : {
    "attributes" : [ {
        "name" : "string",
        "value" : "string"
    } ],
    "bootSourceSettings" : [ {
        "BIOSBootString" : "string",
        "BootSourceType" : "string",
        "BootString" : "string",
        "CurrentAssignedSequence" : "string",
        "CurrentEnabledStatus" : "string",
        "ElementName" : "string",
        "FailThroughSupported" : "string",
        "InstanceID" : "string",
        "PendingAssignedSequence" : "string",
        "PendingEnabledStatus" : "string"
    } ],
    "possibleValuesForAttributes" : {
        "string" : "<<_list>>"
    }
},
"xmlConfig" : {
    "jobID" : "string",
    "message" : "string",
    "result" : "string"
}
}

```

2.1.11. Life Controller Wipe

POST /api/1.0/server/configuration/lcwipe

Description

This operation allows a user to delete all configurations from the Lifecycle controller before the system 644 is retired..

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	Credential

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/server/configuration/lcwipe
```

Request body

```
{
  "address" : "string",
  "identifier" : "string",
  "password" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
```

```

"jobId" : "string",
"biosUpdateAttributesResult" : "string",
"updatedAttributes" : {
  "string" : "string"
},
"changeBootOrderSequenceMessage" : "string",
"changeHddSequenceMessage" : "string",
"enableBootDevicesResult" : "string",
"disableBootDevicesResult" : "string",
"xmlConfig" : {
  "jobID" : "string",
  "message" : "string",
  "result" : "string"
}
},
"error" : "string",
"errors" : [ "string" ],
"message" : "string",
"result" : "object",
"serverComponents" : [ {
  "attributes" : [ {
    "name" : "string",
    "value" : "string"
  } ],
  "fqdd" : "string",
  "subComponents" : [ {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ],
    "fqdd" : "string",
    "nestedComponents" : [ {
      "attributes" : [ {
        "name" : "string",
        "value" : "string"
      } ],
      "fqdd" : "string"
    } ]
  } ]
} ],
"systemBiosSettings" : {
  "attributes" : [ {
    "name" : "string",
    "value" : "string"
  } ],
  "bootSourceSettings" : [ {
    "BIOSBootString" : "string",
    "BootSourceType" : "string",
    "BootString" : "string",
    "CurrentAssignedSequence" : "string",
    "CurrentEnabledStatus" : "string",

```



```

    "ElementName" : "string",
    "FailThroughSupported" : "string",
    "InstanceID" : "string",
    "PendingAssignedSequence" : "string",
    "PendingEnabledStatus" : "string"
  } ],
  "possibleValuesForAttributes" : {
    "string" : "<<_list>>"
  }
},
"xmlConfig" : {
  "jobID" : "string",
  "message" : "string",
  "result" : "string"
}
}

```

2.1.12. Preview Import Configuration

POST /api/1.0/server/configuration/preview

Description

This operation allows a user to preview the result of import system configuration from a file located on remote share to server

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	ServerAndNetworkShareRequest

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/server/configuration/preview
```

Request body

```
{
  "componentNames" : [ "string" ],
  "fileName" : "string",
  "serverIP" : "string",
  "serverPassword" : "string",
  "serverUsername" : "string",
  "shareAddress" : "string",
  "shareName" : "string",
  "sharePassword" : "string",
  "shareType" : 0,
  "shareUsername" : "string",
  "shutdownType" : 0
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
    "jobId" : "string",
    "biosUpdateAttributesResult" : "string",
    "updatedAttributes" : {
      "string" : "string"
    },
  },
  "changeBootOrderSequenceMessage" : "string",
  "changeHddSequenceMessage" : "string",
  "enableBootDevicesResult" : "string",
  "disableBootDevicesResult" : "string",
  "xmlConfig" : {
    "jobID" : "string",
    "message" : "string",
    "result" : "string"
  },
},
"error" : "string",
```

```

"errors" : [ "string" ],
"message" : "string",
"result" : "object",
"serverComponents" : [ {
  "attributes" : [ {
    "name" : "string",
    "value" : "string"
  } ],
  "fqdd" : "string",
  "subComponents" : [ {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ],
    "fqdd" : "string",
    "nestedComponents" : [ {
      "attributes" : [ {
        "name" : "string",
        "value" : "string"
      } ],
      "fqdd" : "string"
    } ]
  } ]
} ],
"systemBiosSettings" : {
  "attributes" : [ {
    "name" : "string",
    "value" : "string"
  } ],
  "bootSourceSettings" : [ {
    "BIOSBootString" : "string",
    "BootSourceType" : "string",
    "BootString" : "string",
    "CurrentAssignedSequence" : "string",
    "CurrentEnabledStatus" : "string",
    "ElementName" : "string",
    "FailThroughSupported" : "string",
    "InstanceID" : "string",
    "PendingAssignedSequence" : "string",
    "PendingEnabledStatus" : "string"
  } ],
  "possibleValuesForAttributes" : {
    "string" : "<<_list>>"
  }
},
"xmlConfig" : {
  "jobID" : "string",
  "message" : "string",
  "result" : "string"
}
}

```

2.1.13. Replace Configuration

POST /api/1.0/server/configuration/replace

Description

This operation allows a user to export the system configuration in replace mode from the server to a file on a remote share.

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	ServerAndNetworkShareRequest

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

/api/1.0/server/configuration/replace

Request body

```
{
  "componentNames" : [ "string" ],
  "fileName" : "string",
  "serverIP" : "string",
  "serverPassword" : "string",
  "serverUsername" : "string",
  "shareAddress" : "string",
  "shareName" : "string",
  "sharePassword" : "string",
  "shareType" : 0,
  "shareUsername" : "string",
  "shutdownType" : 0
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
    "jobId" : "string",
    "biosUpdateAttributesResult" : "string",
    "updatedAttributes" : {
      "string" : "string"
    },
    "changeBootOrderSequenceMessage" : "string",
    "changeHddSequenceMessage" : "string",
    "enableBootDevicesResult" : "string",
    "disableBootDevicesResult" : "string",
    "xmlConfig" : {
      "jobID" : "string",
      "message" : "string",
      "result" : "string"
    }
  },
  "error" : "string",
  "errors" : [ "string" ],
  "message" : "string",
  "result" : "object",
  "serverComponents" : [ {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ],
    "fqdd" : "string",
    "subComponents" : [ {
      "attributes" : [ {
        "name" : "string",
```

```

        "value" : "string"
    } ],
    "fqdd" : "string",
    "nestedComponents" : [ {
        "attributes" : [ {
            "name" : "string",
            "value" : "string"
        } ],
        "fqdd" : "string"
    } ]
} ],
"systemBiosSettings" : {
    "attributes" : [ {
        "name" : "string",
        "value" : "string"
    } ],
    "bootSourceSettings" : [ {
        "BIOSBootString" : "string",
        "BootSourceType" : "string",
        "BootString" : "string",
        "CurrentAssignedSequence" : "string",
        "CurrentEnabledStatus" : "string",
        "ElementName" : "string",
        "FailThroughSupported" : "string",
        "InstanceID" : "string",
        "PendingAssignedSequence" : "string",
        "PendingEnabledStatus" : "string"
    } ],
    "possibleValuesForAttributes" : {
        "string" : "<<_list>>"
    }
},
"xmlConfig" : {
    "jobID" : "string",
    "message" : "string",
    "result" : "string"
}
}

```

2.1.14. System Erase

POST /api/1.0/server/configuration/systemErase

Description

This operation allows a user to create granular, user selectable, categories to increase flexibility and improve the repurposing aspect of the existing System Wipe feature. List of components can be BIOS_RESET_DEFAULT, EMBEDDED_DIAGNOSTICS_ERASE, OS_DRIVERPACK_ERASE, IDRAC_DEFAULT

and LC_DATA_ERASE

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	SystemEraseRequest

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/server/configuration/systemErase
```

Request body

```
{
  "componentNames" : [ "string" ],
  "credential" : {
    "address" : "string",
    "identifier" : "string",
    "password" : "string",
    "userName" : "string"
  }
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
    "jobId" : "string",
    "biosUpdateAttributesResult" : "string",
    "updatedAttributes" : {
      "string" : "string"
    },
    "changeBootOrderSequenceMessage" : "string",
    "changeHddSequenceMessage" : "string",
    "enableBootDevicesResult" : "string",
    "disableBootDevicesResult" : "string",
    "xmlConfig" : {
      "jobID" : "string",
      "message" : "string",
      "result" : "string"
    }
  },
  "error" : "string",
  "errors" : [ "string" ],
  "message" : "string",
  "result" : "object",
  "serverComponents" : [ {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ],
    "fqdd" : "string",
    "subComponents" : [ {
      "attributes" : [ {
        "name" : "string",
        "value" : "string"
      } ],
      "fqdd" : "string",
      "nestedComponents" : [ {
        "attributes" : [ {
          "name" : "string",
          "value" : "string"
        } ],
        "fqdd" : "string"
      } ]
    } ]
  } ],
  "systemBiosSettings" : {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ]
  }
}
```



```

    } ],
    "bootSourceSettings" : [ {
        "BIOSBootString" : "string",
        "BootSourceType" : "string",
        "BootString" : "string",
        "CurrentAssignedSequence" : "string",
        "CurrentEnabledStatus" : "string",
        "ElementName" : "string",
        "FailThroughSupported" : "string",
        "InstanceID" : "string",
        "PendingAssignedSequence" : "string",
        "PendingEnabledStatus" : "string"
    } ],
    "possibleValuesForAttributes" : {
        "string" : "<<_list>>"
    }
},
"xmlConfig" : {
    "jobID" : "string",
    "message" : "string",
    "result" : "string"
}
}

```

2.1.15. Test Share

POST /api/1.0/server/configuration/testShare

Description

This operation allows a user to test the export /import share.

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	ServerAndNetworkShareRequest

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/server/configuration/testShare
```

Request body

```
{
  "componentNames" : [ "string" ],
  "fileName" : "string",
  "serverIP" : "string",
  "serverPassword" : "string",
  "serverUsername" : "string",
  "shareAddress" : "string",
  "shareName" : "string",
  "sharePassword" : "string",
  "shareType" : 0,
  "shareUsername" : "string",
  "shutdownType" : 0
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
    "configBiosMessage" : "string",
    "jobId" : "string",
    "biosUpdateAttributesResult" : "string",
    "updatedAttributes" : {
      "string" : "string"
    },
  },
  "changeBootOrderSequenceMessage" : "string",
  "changeHddSequenceMessage" : "string",
}
```

```

    "enableBootDevicesResult" : "string",
    "disableBootDevicesResult" : "string",
    "xmlConfig" : {
        "jobID" : "string",
        "message" : "string",
        "result" : "string"
    }
},
"error" : "string",
"errors" : [ "string" ],
"message" : "string",
"result" : "object",
"serverComponents" : [ {
    "attributes" : [ {
        "name" : "string",
        "value" : "string"
    } ],
    "fqdd" : "string",
    "subComponents" : [ {
        "attributes" : [ {
            "name" : "string",
            "value" : "string"
        } ],
        "fqdd" : "string",
        "nestedComponents" : [ {
            "attributes" : [ {
                "name" : "string",
                "value" : "string"
            } ],
            "fqdd" : "string"
        } ]
    } ]
} ],
"systemBiosSettings" : {
    "attributes" : [ {
        "name" : "string",
        "value" : "string"
    } ],
    "bootSourceSettings" : [ {
        "BIOSBootString" : "string",
        "BootSourceType" : "string",
        "BootString" : "string",
        "CurrentAssignedSequence" : "string",
        "CurrentEnabledStatus" : "string",
        "ElementName" : "string",
        "FailThroughSupported" : "string",
        "InstanceID" : "string",
        "PendingAssignedSequence" : "string",
        "PendingEnabledStatus" : "string"
    } ],
    "possibleValuesForAttributes" : {

```

```

    "string" : "<<_list>>"
  },
  "xmlConfig" : {
    "jobID" : "string",
    "message" : "string",
    "result" : "string"
  }
}

```

2.1.16. Update Components

POST /api/1.0/server/configuration/updateComponents

Description

This operation updates the server system configuration

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	ComponentList to Update in the Configuration	ComponentList

Responses

HTTP Code	Description	Schema
200	OK	ServiceResponse
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

/api/1.0/server/configuration/updateComponents

Request body

```
{
  "forceUpdate" : false,
  "serverAndNetworkShareRequest" : {
    "componentNames" : [ "string" ],
    "fileName" : "string",
    "serverIP" : "string",
    "serverPassword" : "string",
    "serverUsername" : "string",
    "shareAddress" : "string",
    "shareName" : "string",
    "sharePassword" : "string",
    "shareType" : 0,
    "shareUsername" : "string",
    "shutdownType" : 0
  },
  "serverComponents" : [ {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ],
    "fqdd" : "string",
    "subComponents" : [ {
      "attributes" : [ {
        "name" : "string",
        "value" : "string"
      } ],
      "fqdd" : "string",
      "nestedComponents" : [ {
        "attributes" : [ {
          "name" : "string",
          "value" : "string"
        } ],
        "fqdd" : "string"
      } ]
    } ]
  } ]
}
```

Example HTTP response

Response 200

```
{
  "configureBiosResult" : {
```

```

"configBiosMessage" : "string",
"jobId" : "string",
"biosUpdateAttributesResult" : "string",
"updatedAttributes" : {
  "string" : "string"
},
"changeBootOrderSequenceMessage" : "string",
"changeHddSequenceMessage" : "string",
"enableBootDevicesResult" : "string",
"disableBootDevicesResult" : "string",
"xmlConfig" : {
  "jobID" : "string",
  "message" : "string",
  "result" : "string"
}
},
"error" : "string",
"errors" : [ "string" ],
"message" : "string",
"result" : "object",
"serverComponents" : [ {
  "attributes" : [ {
    "name" : "string",
    "value" : "string"
  } ],
  "fqdd" : "string",
  "subComponents" : [ {
    "attributes" : [ {
      "name" : "string",
      "value" : "string"
    } ],
    "fqdd" : "string",
    "nestedComponents" : [ {
      "attributes" : [ {
        "name" : "string",
        "value" : "string"
      } ],
      "fqdd" : "string"
    } ]
  } ]
} ],
} ],
"systemBiosSettings" : {
  "attributes" : [ {
    "name" : "string",
    "value" : "string"
  } ],
  "bootSourceSettings" : [ {
    "BIOSBootString" : "string",
    "BootSourceType" : "string",
    "BootString" : "string",
    "CurrentAssignedSequence" : "string",

```

```

    "CurrentEnabledStatus" : "string",
    "ElementName" : "string",
    "FailThroughSupported" : "string",
    "InstanceID" : "string",
    "PendingAssignedSequence" : "string",
    "PendingEnabledStatus" : "string"
  } ],
  "possibleValuesForAttributes" : {
    "string" : "<<_list>>"
  }
},
"xmlConfig" : {
  "jobID" : "string",
  "message" : "string",
  "result" : "string"
}
}

```

2.2. Trap-config-controller

Trap Config Controller

2.2.1. /configureTraps/{trapDestination}

POST /api/1.0/server/configuration/trap/configureTraps/{trapDestination}

Description

This operation allow user to configure server traps throu wsman.

Parameters

Type	Name	Description	Schema
Path	trapDestination <i>required</i>	trapDestination	string
Body	credential <i>required</i>	credential	Credential

Responses

HTTP Code	Description	Schema
200	Success	ResponseString
201	Created	No Content
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/server/configuration/trap/configureTraps/string
```

Request body

```
{
  "address" : "string",
  "identifier" : "string",
  "password" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```
{
  "callbackUri" : "string",
  "response" : "string"
}
```

2.2.2. /updateTrapFormat/{trapFormat}

```
POST /api/1.0/server/configuration/trap/updateTrapFormat/{trapFormat}
```

Description

This operation allow user to update server traps throu wsman.

Parameters

Type	Name	Description	Schema
Path	trapFormat <i>required</i>	trapFormat	string
Body	credential <i>required</i>	credential	Credential

Responses

HTTP Code	Description	Schema
200	Success	ResponseString
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/server/configuration/trap/updateTrapFormat/string
```

Request body

```
{
  "address" : "string",
  "identifier" : "string",
  "password" : "string",
  "userName" : "string"
}
```

Example HTTP response

```
{
  "callbackUri" : "string",
  "response" : "string"
}
```

3. Definitions

3.1. Attribute

This has the attribute name and value of a component.

Name	Description	Schema
name <i>required</i>	Attribute Name Example : "string"	string
value <i>required</i>	Attribute Value Example : "string"	string

3.2. BiosSetupRequest

Captures input details to configure BIOS of Dell Server

Name	Description	Schema
attributes <i>required</i>	List of BIOS Attribute Object. Which include Attribute Name and Attribute Value Example : ["Attribute"]	< Attribute > array
biosBootSequenceOrder <i>optional</i>	List of Boot devices to be ordered in the sequence. Example : ["string"]	< string > array
disableBootDevices <i>optional</i>	List of boot devices to disable Example : ["string"]	< string > array
enableBootDevices <i>optional</i>	List of boot devices to enable Example : ["string"]	< string > array
hddSequenceOrder <i>optional</i>	List of Hard-Disk Drive devices to be ordered in the sequence. Example : ["string"]	< string > array
rebootJobType <i>required</i>	Shall contain the requested reboot type: 1 - PowerCycle(cold boot) 2 - Graceful Reboot without forced shutdown 3 - Graceful Reboot with forced shutdown. Example : 0	integer (int32)

Name	Description	Schema
scheduledStartTime <i>required</i>	Schedules the configuration job and the optional reboot job at the specified start time in the format: <code>yyyymmddhhmmss</code> . A special value of <code>TIME_NOW</code> schedules the job(s) immediately. <code>scheduledStartTime</code> is w.r.t Server time to schedule. Example : <code>"string"</code>	string
serverRequest <i>required</i>	Dell Server Credentials Example : <code>"ServerRequest"</code>	ServerRequest
untilTime <i>optional</i>	End time for the job execution in format: <code>yyyymmddhhmmss</code> . : If this parameter is not NULL, then <code>ScheduledStartTime</code> parameter shall also be specified. NOTE: This parameter has a dependency on <code>ScheduledStartTime</code> parameter. Both <code>ScheduledStartTime</code> and <code>UntilTime</code> parameters define a time window for scheduling the job(s). After scheduling, jobs are executed within the time window. <code>unitTime</code> is w.r.t Server time to schedule Example : <code>"string"</code>	string

3.3. ComponentList

This has `ServerAndNetworkShareRequest` for Network and Server Details and List of `ServerComponents`

Name	Description	Schema
forceUpdate <i>optional</i>	Force Update of Attributes in Configuration if found Example : <code>false</code>	boolean
serverAndNetworkShareRequest <i>required</i>	<code>ServerAndNetworkShareRequest</code> has the details of Network and DELL Servers Example : <code>"ServerAndNetworkShareRequest"</code>	ServerAndNetworkShareRequest
serverComponents <i>required</i>	List of <code>ServerComponents</code> Example : <code>["ServerComponent"]</code>	< ServerComponent > array

3.4. ConfigureBiosResult

Name	Description	Schema
biosUpdateAttributesResult <i>optional</i>	BIOS Update Attributes Result Message Example : <code>"string"</code>	string
changeBootOrderSequenceMessage <i>optional</i>	BIOS BootOrder Sequence Change Message Example : <code>"string"</code>	string

Name	Description	Schema
changeHddSequenceMessage <i>optional</i>	BIOS HDD Sequence Change Result Message Example : "string"	string
configBiosMessage <i>optional</i>	JobID Example : "string"	string
disableBootDevicesResult <i>optional</i>	BIOS Boot Devices Disable Result Message Example : "string"	string
enableBootDevicesResult <i>optional</i>	BIOS Boot Devices Enable Result Message Example : "string"	string
jobId <i>optional</i>	JobID Example : "string"	string
updatedAttributes <i>optional</i>	BIOS Updated Attributes Example : { "string" : "string" }	< string, string > map
xmlConfig <i>optional</i>	The XMLConfig. Which has the details of JobID, Message and Result returned from DELL Server Example : "XmlConfig"	XmlConfig

3.5. Credential

Device access credential.

Name	Description	Schema
address <i>required</i>	IP Address Example : "string"	string
identifier <i>optional</i>	Service identifier like service tag ... etc Example : "string"	string
password <i>optional</i>	Password. Example : "string"	string
userName <i>optional</i>	Username. Example : "string"	string

3.6. DCIM_BootSourceSetting

Name	Description	Schema
BIOSBootString <i>optional</i>	Example : "string"	string

Name	Description	Schema
BootSourceType <i>optional</i>	Example : "string"	string
BootString <i>optional</i>	Example : "string"	string
CurrentAssignedSequence <i>optional</i>	Example : "string"	string
CurrentEnabledStatus <i>optional</i>	Example : "string"	string
ElementName <i>optional</i>	Example : "string"	string
FailThroughSupported <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
PendingAssignedSequence <i>optional</i>	Example : "string"	string
PendingEnabledStatus <i>optional</i>	Example : "string"	string

3.7. NestedComponent

This has FQDD of the nested component and its respective list of Attribute

Name	Description	Schema
attributes <i>optional</i>	List of Attributes Example : ["Attribute"]	< Attribute > array
fqdd <i>optional</i>	Fully Qualified Device Descriptor (FQDD). Example : "string"	string

3.8. ResponseString

Name	Description	Schema
callbackUri <i>optional</i>	Example : "string"	string
response <i>optional</i>	Example : "string"	string

3.9. ServerAndNetworkShareImageRequest

Captures input request of server and network share details for image backup and restore.

Name	Description	Schema
fileName <i>optional</i>	The target output file name. Example : "string"	string
filePathName <i>optional</i>	Example : "string"	string
imageName <i>optional</i>	The name of the backup file. The parameter shall be required, if the ShareType parameter has value 0 (NFS), 2 (CIFS), or not specified. Example : "string"	string
passPhrase <i>optional</i>	The passPrase to extarct the image . The parameter shall be required, if the ShareType parameter has value 0 (NFS), or 2 (CIFS) or not specified. Example : "string"	string
preserveVDConfig <i>optional</i>	Whether to preserve the VD (Virtual Disk) configuration. Example : "string"	string
scheduleStartTime <i>optional</i>	Start time for the job execution in format: yyyyymmddhhmmss.The string TIME_NOW means immediate. Example : "string"	string
serverIP <i>required</i>	Server IP address. Example : "string"	string
serverPassword <i>required</i>	Server password. Example : "string"	string
serverUsername <i>required</i>	Server username. Example : "string"	string
shareAddress <i>optional</i>	The IP address of the target export server Example : "string"	string
shareName <i>optional</i>	The shared directory name on the server being exported. Not the location. Example : "string"	string
sharePassword <i>optional</i>	Password of share server in the scenario of share type CIFS. Example : "string"	string
shareType <i>required</i>	Type of share: NFS=0, CIFS=2 Example : 0	integer (int32)
shareUsername <i>optional</i>	Username of share server in the scenario of share type CIFS Example : "string"	string

Name	Description	Schema
untilTime <i>optional</i>	End time for the job execution in format: yyyymmddhhmmss. :If this parameter is not NULL, then ScheduledStartTime parameter shall also be specified. Example : "string"	string
workgroup <i>optional</i>	Workgroup for the share. Example : "string"	string

3.10. ServerAndNetworkShareRequest

Captures input request of server and network share details

Name	Description	Schema
componentNames <i>optional</i>	To identify the component for Import. It identifies the one or more FQDDs. Selective list of FQDDs should be given in comma separated format. Default = ALL Example : ["string"]	< string > array
fileName <i>optional</i>	The target output file name. Example : "string"	string
serverIP <i>required</i>	Server IP address. Example : "string"	string
serverPassword <i>required</i>	Server password. Example : "string"	string
serverUsername <i>required</i>	Server username. Example : "string"	string
shareAddress <i>optional</i>	The IP address of the target export server Example : "string"	string
shareName <i>optional</i>	The shared directory name on the server being exported. Not the location. Example : "string"	string
sharePassword <i>optional</i>	Password of share server in the scenario of share type CIFS. Example : "string"	string
shareType <i>required</i>	Type of share: NFS=0, CIFS=2 Example : 0	integer (int32)
shareUsername <i>optional</i>	Username of share server in the scenario of share type CIFS Example : "string"	string
shutdownType <i>optional</i>	Type of the host shut down before perform the import operation. Graceful=0, Forced =1, NoReboot=2. Only applies in importing the configuration to server Example : 0	integer (int32)

3.11. ServerComponent

This has the Parent Fully Qualified Device Descriptor (FQDD), Attributes and SubComponents

Name	Description	Schema
attributes <i>required</i>	List of Attributes Example : ["Attribute"]	< Attribute > array
fqdd <i>required</i>	Fully Qualified Device Descriptor (FQDD). Example : "string"	string
subComponents <i>optional</i>	List of SubComponent Example : ["SubComponent"]	< SubComponent > array

3.12. ServerRequest

Captures input details of PowerEdge server

Name	Description	Schema
serverIP <i>required</i>	Server IP address. Example : "string"	string
serverPassword <i>required</i>	Server password. Example : "string"	string
serverUsername <i>required</i>	Server username. Example : "string"	string

3.13. ServiceResponse

This has the detailed description of the result of microservice call. It includes Message, errors if any like Validation errors, error message, XMLConfig the result returned from the DELL Servers for the Server Configuration transaction.

Name	Description	Schema
configureBiosResult <i>optional</i>	The Configure BIOS Result Example : "ConfigureBiosResult"	ConfigureBiosResult
error <i>optional</i>	Error message Example : "string"	string
errors <i>optional</i>	List of Errors. Example : ["string"]	< string > array
message <i>optional</i>	Response Message. Example : "string"	string

Name	Description	Schema
result <i>optional</i>	The Result. Which has the details of preview import configuration Result returned from DELL Server Example : <code>"object"</code>	object
serverComponents <i>optional</i>	The ServerComponent. Which has the FQDD, Attributes and nested components Example : <code>["ServerComponent"]</code>	< ServerComponent > array
systemBiosSettings <i>optional</i>	The System BIOS Settings of DELL Server Example : <code>"SystemBiosSettings"</code>	SystemBiosSettings
xmlConfig <i>optional</i>	The XMLConfig. Which has the details of JobID, Message and Result returned from DELL Server Example : <code>"XmlConfig"</code>	XmlConfig

3.14. SubComponent

This has the attributes of the SubComponent and the Nested Components

Name	Description	Schema
attributes <i>optional</i>	List of Attributes Example : <code>["Attribute"]</code>	< Attribute > array
fqdd <i>optional</i>	Fully Qualified Device Descriptor (FQDD). Example : <code>"string"</code>	string
nestedComponents <i>optional</i>	List of Nested Component. Example : <code>["NestedComponent"]</code>	< NestedComponent > array

3.15. SystemBiosSettings

Name	Description	Schema
attributes <i>optional</i>	Example : <code>["Attribute"]</code>	< Attribute > array
bootSourceSettings <i>optional</i>	Example : <code>["DCIM_BootSourceSetting"]</code>	< DCIM_BootSourceSetting > array
possibleValuesForAttributes <i>optional</i>	Example : <code>{ "string" : "[_list]" }</code>	< string, List > map

3.16. SystemEraseRequest

Name	Description	Schema
componentNames <i>optional</i>	List of components to be earsed. BIOS_RESET_DEFAULT, EMBEDDED_DIAGNOSTICS_ERASE, OS_DRIVERPACK_ERASE, IDRAC_DEFAULT and LC_DATA_ERASE Example : ["string"]	< string > array
credential <i>optional</i>	Credential Example : "Credential"	Credential

3.17. XmlConfig

Captures the Result/JobStatus, Message and JobID.

Name	Description	Schema
jobID <i>optional</i>	This is the JobID retunred from DELL Server. Example : "string"	string
message <i>optional</i>	Message corresponding to the transaction. Example : "string"	string
result <i>optional</i>	This is the result for a operation. Success or Failure or Unknown. Example : "string"	string