

# API for System Modeling v1

## (Administration)

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### Overview

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An API to import [system modeling](#) data. This API is an optional feature activated with the [license](#).

### API General Info

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#### Response Content Type

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It is possible to switch between `json` and `xml` response types by setting an `Accept` header to either `application/json` or `application/xml` respectively.

### Successful Responses

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#### Response Codes

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- **200** - The request was executed successfully and the server returned some data. The return content type is specified inside a response header called `content-type`. Example content types are `application/xml`, `application/json`, `application/zip` and `text/plain`.
- **204** - The request was executed successfully and the server returned no data. If the `Location` header was present then the server responded with a redirect.

### Error Responses

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If the API call resulted in an error then the error code will be returned along with the error object in the response body. The error object contains the attributes listed below:

- **type** - type of the error
- **cause** - the root cause of the error
- **message** - message containing details of the related error
- **uuid** - a unique identifier of the error which also may appear in the exception logs
- **timestamp** - the time of the error

**Note:** For chunked responses, the socket will be closed prematurely if an error occurs after the initial chunk containing the status code has been sent.

#### Response Codes

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- **400** - The request contains invalid parameters or there are invalid settings. Consult the error message and/or check Administration for invalid settings.
- **401** - The user is not authenticated.
- **403** - The user is not authorized access to the specified endpoint.
- **404** - The specified endpoint does not exist or a request parameter is invalid. Consult the error message.
- **405** - The specified endpoint does not support the requested operation. Consult the error message.
- **409** - The specified endpoint is in a state incompatible with the requested operation. Consult the error message.
- **500** - Unknown error occurred while processing the request. Consult the CPQ logs for more information.
- **504** - The specified concurrent calls limit was exceeded and the server was not able to serve the response in a specified timeout limit. That error is always served with the xml body containing the description.

## Endpoints by Category

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### Bulk

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#### **POST /api/network-modeling/v1/[ticketId]/bulk?input=[input]**

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Bulk create, replace or delete system modeling entities defined in a ticket. Posted entities not already present will be created, posted existing entities will be replaced, and not posted existing entities will optionally be deleted. An entity is determined to exist as follows:

- If an id is provided, and it matches an existing id, then the corresponding entity is found.
- Otherwise, if a name is provided, and it matches an existing name, then the corresponding entity is found.
- Otherwise, a new entity is created. Either the name or the id must be present for an entity to be matched against an existing one. Provided ids that do not match any existing id throw an exception.

Parameter	Type	Description
ticketId	String	The identity of the ticket
input	<a href="#">BulkImportInput</a>	The bulk modeling input
<i>Result</i>	<a href="#">BulkImportOutput</a>	A list of named references

#### **GET /api/network-modeling/v1/[ticketId]/bulk**

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Retrieve all the system models defined in a ticket.

<b>Parameter</b>	<b>Type</b>	<b>Description</b>
ticketId	String	The identity of the ticket
<i>Result</i>	<a href="#">BulkExportOutput</a>	A bulk modeling output

## Data Types by Category

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### Bulk

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#### **BulkExportOutput**

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A bulk output for system models.

```
{
  "networkModelList" : [
    {
      "id" : "",
      "name" : "",
      "description" : "", // (Optional) The model description.
      "descriptionTranslations" : {
        "key" : ""
      }, // (Optional) The model description translations by language
      "navigationStepLayoutType" : "multiPanel", // (Optional) The navigation step layout type
      "configurationDisplayType" : "Default", // (Optional) The configuration display type
      "tabGroupDisplayType" : "Single", // (Optional) The tab group display type
      "visualizationId" : "", // (Optional) The visualization id.
      "parameterCostListReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The cost parameter table named reference.
      "variantCostListReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The cost variant table named reference.
      "elementCostListReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The cost element table named reference.
      "subElementCostListReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The cost sub element table named reference.
      "actionOnFinishReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The action to trigger when finishing the configuration
      "triggerBatchSubconfigurationOnFinish" : false, // (Optional)
      "attributeList" : [
        {
          "id" : "",
          "name" : "",
          "description" : "", // (Optional) The attribute description
          "descriptionTranslations" : {
            "key" : ""
          }, // (Optional) The attribute description translations by language
          "attributeType" : "Input", // (Optional) The attribute type
          "domainReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
          }, // (Optional) The attribute domain.
        }
      ]
    }
  ]
}
```

```

"defaultValue" : "", // (Optional) The attribute default v
"formula" : "", // (Optional) The attribute formula. Used
"contextReference" : {
  "object" : "", // (Optional) The context object.
  "attribute" : "" // (Optional) The context attribute.
}, // (Optional) The context reference. Used when attribut
"contextTestValue" : "", // (Optional) The context test va
"filterFormula" : "" // (Optional) The filter formula. Use
},
...
], // (Optional) The list of model global attributes.
"nodeList" : [
{
  "id" : "",
  "name" : "",
  "description" : "", // (Optional) The node description.
  "descriptionTranslations" : {
    "key" : ""
  }, // (Optional) The node description translations by lang
  "nodeType" : "Empty", // (Optional) The node type. Allowed
  "moduleReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The module at the node. Used when node ty
  "preloadModule" : false, // (Optional) Whether the module
  "filterList" : [
    {
      "id" : "",
      "feature" : "", // (Optional) The module feature id
      "operator" : "EQUALS", // (Optional) The filter operat
      "attributeReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The module filter attributereference.
      "value" : "" // (Optional) The filter value
    },
    ...
  ], // (Optional) The module filters. Used when node type i
  "assemblyReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The assembly at the node. Used when node
  "assemblyViewType" : "AssemblyDefaultView", // (Optional)
  "sizingFormulaList" : [
    {
      "id" : "",
      "attributeOrPosition" : {
        "id" : "", // (Optional) The id.

```

```

        "name" : "" // (Optional) The name.
    }, // (Optional) The sizing formula attribute or posit
    "formula" : "", // (Optional) The sizing formula
    "attributeType" : "" // (Optional) The attributeType.
},
...
], // (Optional) The assembly sizing. Used when node type
"uploadedModelReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
}, // (Optional) The uploaded model at the node. Used when
"uploadedModelInputs" : [
    {
        "id" : "",
        "name" : "",
        "field" : "", // (Optional) The input field.
        "domainReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        }, // (Optional) The input domain.
        "formula" : "" // (Optional) The input formula.
    },
    ...
], // (Optional) The uploaded model inputs. Used when node
"moduleReferenceList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The list of modules to which external var
"qtyMin" : 1, // (Optional) The node minimum qty.
"qtyMax" : 1, // (Optional) The node maximum qty.
"attributeList" : [
    {
        "id" : "",
        "name" : "",
        "description" : "", // (Optional) The attribute descri
        "descriptionTranslations" : {
            "key" : ""
        }, // (Optional) The attribute description translation
        "attributeType" : "Input", // (Optional) The attribute
        "domainReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        }, // (Optional) The attribute domain.
        "defaultValue" : "", // (Optional) The attribute defau
        "formula" : "", // (Optional) The attribute formula. U

```

```

        "contextReference" : {
            "object" : "", // (Optional) The context object.
            "attribute" : "" // (Optional) The context attribute
        }, // (Optional) The context reference. Used when attr
        "contextTestValue" : "", // (Optional) The context tes
        "filterFormula" : "" // (Optional) The filter formula.
    },
    ...
], // (Optional) The list of node attributes.
"portList" : [
    {
        "id" : "",
        "name" : "",
        "description" : "", // (Optional) The port description
        "descriptionTranslations" : {
            "key" : ""
        }, // (Optional) The port description translations by
        "qtyMin" : 1, // (Optional) The port minimum qty.
        "qtyMax" : 1 // (Optional) The port maximum qty.
    },
    ...
], // (Optional) The list of node ports.
"displayAttributeReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
}, // (Optional) The display attribute named reference.
"screenshotList" : [
    {
        "id" : "",
        "name" : ""
    },
    ...
], // (Optional) The list of node screenshots.
"onLeaveActionReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
} // (Optional) The on-leave node configuration action nar
},
...
], // (Optional) The node list of the model.
"connectionList" : [
    {
        "id" : "",
        "name" : "",
        "description" : "", // (Optional) The connection descripti
        "descriptionTranslations" : {
            "key" : ""
        }, // (Optional) The connection description translations b

```

```

"connectionPortAList" : [
  {
    "id" : "",
    "nodeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The node named reference.
    "portReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    } // (Optional) The port named reference.
  },
  ...
], // (Optional) A list of connection ports
"connectionPortBList" : [
  {
    "id" : "",
    "nodeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The node named reference.
    "portReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    } // (Optional) The port named reference.
  },
  ...
] // (Optional) A list of connection ports
},
...
], // (Optional) The connection list of the model.
"actionList" : [
  {
    "id" : "",
    "name" : "",
    "description" : "", // (Optional) The action description.
    "descriptionTranslations" : {
      "key" : ""
    }, // (Optional) The action translations by language.
    "scope" : "Network", // (Optional) The scope of the action
    "nodeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The actioned node.
    "code" : "", // (Optional) The action code.
    "preconditionFormula" : "", // (Optional) The action precc
    "actionInputList" : [
      {

```

```

        "id" : "",
        "name" : "",
        "description" : "", // (Optional) The input descriptio
        "descriptionTranslations" : {
            "key" : ""
        }, // (Optional) The input translations by language.
        "inputType" : "Domain", // (Optional) The input type.
        "inputFileType" : "Excel", // (Optional) The input fil
        "domainReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        }, // (Optional) The input domain.
        "mandatory" : false, // (Optional) The input descripti
        "defaultValue" : "", // (Optional) The input default v
        "allowedNodes" : "", // (Optional) The input allowed n
        "filterFormula" : "" // (Optional) The filter formula.
    },
    ...
], // (Optional) The list of action inputs.
"confirmationMessage" : "", // (Optional) The action confi
"confirmationMessageTranslations" : {
    "key" : ""
}, // (Optional) The action confirmation messages by langu
"confirmationMessagePrecondition" : "", // (Optional) The
"errorDialogMessage" : "", // (Optional) The action error
"errorDialogMessageTranslations" : {
    "key" : ""
}, // (Optional) The action error dialog messages by langu
"allowDirectInput" : false // (Optional) The action allow
},
...
], // (Optional) The action list of the model.
"ruleList" : [
    {
        "id" : "",
        "name" : "",
        "description" : "", // (Optional) The rule description.
        "descriptionTranslations" : {
            "key" : ""
        }, // (Optional) The rule description translations by lang
        "message" : "", // (Optional) The rule message.
        "messageTranslations" : {
            "key" : ""
        }, // (Optional) The rule message translations by language
        "scope" : "Network", // (Optional) The scope of the rule.
        "nodeSelector" : "", // (Optional) The node selector.
        "code" : "", // (Optional) The rule code.
        "ruleSeverity" : "Info", // (Optional) The rule severity.
    }
]

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"resolutionList" : [
  {
    "id" : "",
    "name" : "",
    "description" : "", // (Optional) The resolution descr
    "descriptionTranslations" : {
      "key" : ""
    }, // (Optional) The resolution description translatio
    "icon" : "", // (Optional) The icon.
    "actionType" : "Execute", // (Optional) The resolution
    "actionReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The resolution action for action type
    "targetAnchorName" : "", // (Optional) The target anch
    "targetAnchorFormula" : "" // (Optional) The target an
  },
  ...
] // (Optional) The list of rule resolutions.
},
...
], // (Optional) The rule list of the model.
"view" : {
  "viewStepList" : [
    {
      "id" : "",
      "description" : "", // (Optional) The view step descript
      "descriptionTranslations" : {
        "key" : ""
      }, // (Optional) The view step description translations
      "stepMode" : "TabPanel", // (Optional) The step mode. Al
      "nodeReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The node named reference.
      "actionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The step action named reference.
      "onLeaveActionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The on-leave step action named referenc
      "externalAppEndpoint" : "", // (Optional) The external a
      "externalAppProperty" : "", // (Optional) The external a
      "anchorName" : "", // (Optional) The view step anchor na
      "sidebarVisibility" : "ShowBoth", // (Optional) Sidebar
      "viewTabList" : [

```

```

{
  "id" : "",
  "name" : "",
  "description" : "", // (Optional) The view description
  "descriptionTranslations" : {
    "key" : ""
  }, // (Optional) The view description translations
  "rootNodeSelector" : "", // (Optional) The root node
  "pageMode" : "TabPanel", // (Optional) The page mode
  "nodeReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The node named reference.
  "anchorName" : "", // (Optional) The view tab anchor
  "viewPanelList" : [
    {
      "id" : "",
      "description" : "", // (Optional) The view panel
      "descriptionTranslations" : {
        "key" : ""
      }, // (Optional) The view panel description translations
      "panelType" : "ActionPanel", // (Optional) The view panel type
      "selectorType" : "Nodes", // (Optional) The selector type
      "transposed" : false, // (Optional) Whether the panel is transposed
      "filtersEnabled" : false, // (Optional) Whether the filters are enabled
      "nodeSelector" : "", // (Optional) The node selector
      "onDropActionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The on drop action. Used when panel is transposed
      "moduleReferenceList" : [
        {
          "id" : "", // (Optional) The id.
          "name" : "" // (Optional) The name.
        },
        ...
      ], // (Optional) The list of modules. Used when panel is transposed
      "preloadModule" : false, // (Optional) Whether the panel is preloaded
      "viewFieldList" : [
        {
          "id" : "",
          "label" : "", // (Optional) The view data content label
          "fieldType" : "Attribute", // (Optional) The field type
          "labelTranslations" : {
            "key" : ""
          }, // (Optional) The view data content label translations
          "editable" : false, // (Optional) Whether the field is editable
          "attributeReference" : {

```

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    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The attribute named referen
  "portReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The port named reference. C
  "expression" : "", // (Optional) The express
  "domainReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The domain named reference.
  "actionReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The action named reference.
  "viewActionList" : [
    {
      "id" : "",
      "actionType" : "Execute", // (Optional)
      "label" : "", // (Optional) The view act
      "labelTranslations" : {
        "key" : ""
      }, // (Optional) The view action label t
      "longDescription" : "", // (Optional) Th
      "longDescriptionTranslations" : {
        "key" : ""
      }, // (Optional) The view action long de
      "actionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The action named refere
      "externalPanelEndpoint" : "", // (Option
      "externalAppProperty" : "",
      "targetAnchorName" : "", // (Optional) T
      "targetAnchorFormula" : "", // (Optional
      "icon" : "", // (Optional) The icon.
      "showRulesList" : [
        {
          "id" : "", // (Optional) The id.
          "name" : "" // (Optional) The name.
        },
        ...
      ], // (Optional) The rules to show indic
      "showRulesforNodes" : "", // (Optional)
      "visibility" : "", // (Optional) The vis
      "viewRoleList" : [
        "",

```

```

        ...
    ] // (Optional) The list of roles.
    },
    ...
], // (Optional) The view column action list
"connectedPropertyReference" : "", // (Optional) The view column action list
"longDescription" : "", // (Optional) The view column action list long description
"longDescriptionTranslations" : {
    "key" : ""
}, // (Optional) The view data content long description
"fixedWidth" : 1, // (Optional) The fixed width
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The rules to show indicator
"showRulesForNodes" : "", // (Optional) For nodes
"visibility" : "", // (Optional) The visibility
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles
},
...
], // (Optional) The view panel columns/rows. Use
"viewActionList" : [
    {
        "id" : "",
        "actionType" : "Execute", // (Optional) The action type
        "label" : "", // (Optional) The view action label
        "labelTranslations" : {
            "key" : ""
        }, // (Optional) The view action label translations
        "longDescription" : "", // (Optional) The view action long description
        "longDescriptionTranslations" : {
            "key" : ""
        }, // (Optional) The view action long description translations
        "actionReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        }, // (Optional) The action named reference.
        "externalPanelEndpoint" : "", // (Optional) The external panel endpoint
        "externalAppProperty" : "",
        "targetAnchorName" : "", // (Optional) The target anchor name
        "targetAnchorFormula" : "", // (Optional) The target anchor formula
        "icon" : "", // (Optional) The icon.
    }
]

```

```

"showRulesList" : [
  {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  },
  ...
], // (Optional) The rules to show indicator
"showRulesforNodes" : "", // (Optional) Form
"visibility" : "", // (Optional) The visibil
"viewRoleList" : [
  "",
  ...
] // (Optional) The list of roles.
},
...
], // (Optional) The view panel action list. Use
"variantFilterList" : [
  {
    "id" : "",
    "feature" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The module feature id
    "operator" : "EQUALS", // (Optional) The fil
    "valueFormula" : "" // (Optional) The filter
  },
  ...
], // (Optional) The view panel filter list. Use
"viewPanelTabList" : [
  {
    "id" : "",
    "description" : "", // (Optional) The view p
    "descriptionTranslations" : {
      "key" : ""
    }, // (Optional) The view panel description
    "showRulesList" : [
      {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      },
      ...
    ], // (Optional) The rules to show indicator
    "showRulesforNodes" : "", // (Optional) Form
    "visibility" : "", // (Optional) The visibil
    "viewRoleList" : [
      "",
      ...
    ], // (Optional) The list of roles.
  }
]

```

```

    "viewPanelList" : [
      {
        ...
      },
      ...
    ] // (Optional) The list of view panels.
  },
  ...
], // (Optional) The view panel tab list. Used w
"rootNodeSelector" : "", // (Optional) The root
"treePanelChildNodeList" : [
  {
    "id" : "",
    "nodeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The node.
    "childNodesSelector" : "", // (Optional) The
    "labelFormula" : "", // (Optional) The label
    "icon" : "", // (Optional) The icon.
    "detailsDescription" : "", // (Optional) The
    "detailsDescriptionTranslations" : {
      "key" : ""
    }, // (Optional) The details description tra
    "onDropActionReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The on drop action.
    "viewActionList" : [
      {
        "id" : "",
        "actionType" : "Execute", // (Optional)
        "label" : "", // (Optional) The view act
        "labelTranslations" : {
          "key" : ""
        }, // (Optional) The view action label t
        "longDescription" : "", // (Optional) Th
        "longDescriptionTranslations" : {
          "key" : ""
        }, // (Optional) The view action long de
        "actionReference" : {
          "id" : "", // (Optional) The id.
          "name" : "" // (Optional) The name.
        }, // (Optional) The action named refere
        "externalPanelEndpoint" : "", // (Option
        "externalAppProperty" : "",
        "targetAnchorName" : "", // (Optional) T
        "targetAnchorFormula" : "", // (Optional
        "icon" : "", // (Optional) The icon.

```

```

"showRulesList" : [
  {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  },
  ...
], // (Optional) The rules to show indic
"showRulesforNodes" : "", // (Optional)
"visibility" : "", // (Optional) The vis
"viewRoleList" : [
  "",
  ...
] // (Optional) The list of roles.
},
...
], // (Optional) The child view action list.
"viewFieldList" : [
  {
    "id" : "",
    "label" : "", // (Optional) The view dat
    "fieldType" : "Attribute", // (Optional)
    "labelTranslations" : {
      "key" : ""
    }, // (Optional) The view data content l
    "editable" : false, // (Optional) Whethe
    "attributeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The attribute named ref
    "portReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The port named referenc
    "expression" : "", // (Optional) The exp
    "domainReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The domain named refere
    "actionReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The action named refere
    "viewActionList" : [
      {
        "id" : "",
        "actionType" : "Execute", // (Option
        "label" : "", // (Optional) The view
        "labelTranslations" : {

```

```

        "key" : ""
    }, // (Optional) The view action lab
    "longDescription" : "", // (Optional
    "longDescriptionTranslations" : {
        "key" : ""
    }, // (Optional) The view action lon
    "actionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name
    }, // (Optional) The action named re
    "externalPanelEndpoint" : "", // (Op
    "externalAppProperty" : "",
    "targetAnchorName" : "", // (Optiona
    "targetAnchorFormula" : "", // (Opti
    "icon" : "", // (Optional) The icon.
    "showRulesList" : [
        {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The na
        },
        ...
    ], // (Optional) The rules to show i
    "showRulesforNodes" : "", // (Option
    "visibility" : "", // (Optional) The
    "viewRoleList" : [
        "",
        ...
    ] // (Optional) The list of roles.
    },
    ...
], // (Optional) The view column action
"connectedPropertyReference" : "", // (C
"longDescription" : "", // (Optional) Th
"longDescriptionTranslations" : {
    "key" : ""
}, // (Optional) The view data content l
"fixedWidth" : 1, // (Optional) The fixe
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The rules to show indic
"showRulesforNodes" : "", // (Optional)
"visibility" : "", // (Optional) The vis
"viewRoleList" : [
    "",

```

```

        ...
        ] // (Optional) The list of roles
    },
    ...
    ] // (Optional) The child view data column 1
},
...
], // (Optional) The child node definition list.
"longDescription" : "", // (Optional) The view p
"longDescriptionTranslations" : {
    "key" : ""
}, // (Optional) The view panel long description
"floorPlanSelectionId" : "", // (Optional) The v
"floorPlanColumns" : "", // (Optional) The visua
"visualizationSettings" : {
    "layoutPlanning" : false,
    "aspectRatio" : "",
    "buttons" : "",
    "caption" : "",
    "captionTranslations" : {
        "key" : ""
    },
    "showDescription" : false,
    "showBorder" : false
}, // (Optional) Visualization panel settings. U
"aspectRatio" : "", // (Optional) Aspect Ratio.
"showDescription" : false, // (Optional) Whether
"allowFullscreen" : false, // (Optional) Whether
"externalPanelEndpoint" : "", // (Optional) The
"externalPanelProperty" : "", // (Optional) The
"showOnPagesReferenceList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The list of pages for which the
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The rules to show for this pane
"showRulesforNodes" : "", // (Optional) Formula
"visibility" : "", // (Optional) The visibility
"viewRoleList" : [
    "",

```

```

    ...
  ] // (Optional) The list of roles.
},
...
], // (Optional) The list of view panels.
"viewNavigationNodeList" : [
{
  "id" : "",
  "nodeReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The node.
  "childNodesSelector" : "", // (Optional) The chil
  "onDropActionReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The on drop action.
  "labelFormula" : "", // (Optional) The label for
  "icon" : "", // (Optional) The icon
  "navNodeMode" : "TabPanel", // (Optional) The na
  "viewActionList" : [
  {
    "id" : "",
    "actionType" : "Execute", // (Optional) The
    "label" : "", // (Optional) The view action
    "labelTranslations" : {
      "key" : ""
    }, // (Optional) The view action label trans
    "longDescription" : "", // (Optional) The vi
    "longDescriptionTranslations" : {
      "key" : ""
    }, // (Optional) The view action long descri
    "actionReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The action named reference.
    "externalPanelEndpoint" : "", // (Optional)
    "externalAppProperty" : "",
    "targetAnchorName" : "", // (Optional) The t
    "targetAnchorFormula" : "", // (Optional) Th
    "icon" : "", // (Optional) The icon.
    "showRulesList" : [
      {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      },
      ...
    ], // (Optional) The rules to show indicator

```

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    "showRulesforNodes" : "", // (Optional) Form
    "visibility" : "", // (Optional) The visibil
    "viewRoleList" : [
        "",
        ...
    ] // (Optional) The list of roles.
},
...
], // (Optional) The navigation node action list
"viewPanellist" : [
    {
        "id" : "",
        "description" : "", // (Optional) The view p
        "descriptionTranslations" : {
            "key" : ""
        }, // (Optional) The view panel description
        "panelType" : "ActionPanel", // (Optional) T
        "selectorType" : "Nodes", // (Optional) The
        "transposed" : false, // (Optional) Whether
        "filtersEnabled" : false, // (Optional) Whet
        "nodeSelector" : "", // (Optional) The node
        "onDropActionReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        }, // (Optional) The on drop action. Used wh
        "moduleReferencelist" : [
            {
                "id" : "", // (Optional) The id.
                "name" : "" // (Optional) The name.
            },
            ...
        ], // (Optional) The list of modules. Used w
        "preloadModule" : false, // (Optional) Wheth
        "viewFieldList" : [
            {
                "id" : "",
                "label" : "", // (Optional) The view dat
                "fieldType" : "Attribute", // (Optional)
                "labelTranslations" : {
                    "key" : ""
                }, // (Optional) The view data content l
                "editable" : false, // (Optional) Whethe
                "attributeReference" : {
                    "id" : "", // (Optional) The id.
                    "name" : "" // (Optional) The name.
                }, // (Optional) The attribute named ref
                "portReference" : {
                    "id" : "", // (Optional) The id.

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    "name" : "" // (Optional) The name.
  }, // (Optional) The port named referenc
  "expression" : "", // (Optional) The exp
  "domainReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The domain named refere
  "actionReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The action named refere
  "viewActionList" : [
    {
      "id" : "",
      "actionType" : "Execute", // (Option
      "label" : "", // (Optional) The view
      "labelTranslations" : {
        "key" : ""
      }, // (Optional) The view action lab
      "longDescription" : "", // (Optional
      "longDescriptionTranslations" : {
        "key" : ""
      }, // (Optional) The view action lon
      "actionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name
      }, // (Optional) The action named re
      "externalPanelEndpoint" : "", // (Op
      "externalAppProperty" : "",
      "targetAnchorName" : "", // (Optiona
      "targetAnchorFormula" : "", // (Opti
      "icon" : "", // (Optional) The icon.
      "showRulesList" : [
        {
          "id" : "", // (Optional) The id.
          "name" : "" // (Optional) The na
        },
        ...
      ], // (Optional) The rules to show i
      "showRulesforNodes" : "", // (Option
      "visibility" : "", // (Optional) The
      "viewRoleList" : [
        "",
        ...
      ] // (Optional) The list of roles.
    },
    ...
  ], // (Optional) The view column action

```

```

"connectedPropertyReference" : "", // (C
"longDescription" : "", // (Optional) Th
"longDescriptionTranslations" : {
  "key" : ""
}, // (Optional) The view data content 1
"fixedWidth" : 1, // (Optional) The fixe
"showRulesList" : [
  {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  },
  ...
], // (Optional) The rules to show indic
"showRulesforNodes" : "", // (Optional)
"visibility" : "", // (Optional) The vis
"viewRoleList" : [
  "",
  ...
] // (Optional) The list of roles
},
...
], // (Optional) The view panel columns/rows
"viewActionList" : [
  {
    "id" : "",
    "actionType" : "Execute", // (Optional)
    "label" : "", // (Optional) The view act
    "labelTranslations" : {
      "key" : ""
    }, // (Optional) The view action label t
    "longDescription" : "", // (Optional) Th
    "longDescriptionTranslations" : {
      "key" : ""
    }, // (Optional) The view action long de
    "actionReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The action named refere
    "externalPanelEndpoint" : "", // (Option
    "externalAppProperty" : "",
    "targetAnchorName" : "", // (Optional) T
    "targetAnchorFormula" : "", // (Optional
    "icon" : "", // (Optional) The icon.
    "showRulesList" : [
      {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      },

```

```

...
], // (Optional) The rules to show indic
"showRulesforNodes" : "", // (Optional)
"visibility" : "", // (Optional) The vis
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles.
},
...
], // (Optional) The view panel action list.
"variantFilterList" : [
{
    "id" : "",
    "feature" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    }, // (Optional) The module feature id
    "operator" : "EQUALS", // (Optional) The
    "valueFormula" : "" // (Optional) The fi
},
...
], // (Optional) The view panel filter list.
"viewPanelTabList" : [
{
    "id" : "",
    "description" : "", // (Optional) The vi
    "descriptionTranslations" : {
        "key" : ""
    }, // (Optional) The view panel descript
    "showRulesList" : [
        {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        },
        ...
    ], // (Optional) The rules to show indic
    "showRulesforNodes" : "", // (Optional)
    "visibility" : "", // (Optional) The vis
    "viewRoleList" : [
        "",
        ...
    ], // (Optional) The list of roles.
    "viewPanellist" : [
        {
            ...
        },
        ...
    ] // (Optional) The list of view panels.

```

```

    },
    ...
  ], // (Optional) The view panel tab list. Us
  "rootNodeSelector" : "", // (Optional) The r
  "treePanelChildNodeList" : [
    {
      "id" : "",
      "nodeReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The node.
      "childNodesSelector" : "", // (Optional)
      "labelFormula" : "", // (Optional) The l
      "icon" : "", // (Optional) The icon.
      "detailsDescription" : "", // (Optional)
      "detailsDescriptionTranslations" : {
        "key" : ""
      }, // (Optional) The details description
      "onDropActionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The on drop action.
      "viewActionList" : [
        {
          "id" : "",
          "actionType" : "Execute", // (Option
          "label" : "", // (Optional) The view
          "labelTranslations" : {
            "key" : ""
          }, // (Optional) The view action lab
          "longDescription" : "", // (Optional
          "longDescriptionTranslations" : {
            "key" : ""
          }, // (Optional) The view action lon
          "actionReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name
          }, // (Optional) The action named re
          "externalPanelEndpoint" : "", // (Op
          "externalAppProperty" : "",
          "targetAnchorName" : "", // (Optiona
          "targetAnchorFormula" : "", // (Opti
          "icon" : "", // (Optional) The icon.
          "showRulesList" : [
            {
              "id" : "", // (Optional) The id.
              "name" : "" // (Optional) The na
            },

```

```

...
], // (Optional) The rules to show i
"showRulesforNodes" : "", // (Option
"visibility" : "", // (Optional) The
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles.
},
...
], // (Optional) The child view action l
"viewFieldList" : [
{
    "id" : "",
    "label" : "", // (Optional) The view
    "fieldType" : "Attribute", // (Optic
    "labelTranslations" : {
        "key" : ""
    }, // (Optional) The view data conte
    "editable" : false, // (Optional) Wh
    "attributeReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name
    }, // (Optional) The attribute named
    "portReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name
    }, // (Optional) The port named refe
    "expression" : "", // (Optional) The
    "domainReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name
    }, // (Optional) The domain named re
    "actionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name
    }, // (Optional) The action named re
    "viewActionList" : [
        {
            "id" : "",
            "actionType" : "Execute", // (Op
            "label" : "", // (Optional) The
            "labelTranslations" : {
                "key" : ""
            }, // (Optional) The view action
            "longDescription" : "", // (Opti
            "longDescriptionTranslations" :
                "key" : ""
        }
    ]
}

```

```

    }, // (Optional) The view action
    "actionReference" : {
        "id" : "", // (Optional) The i
        "name" : "" // (Optional) The
    }, // (Optional) The action name
    "externalPanelEndpoint" : "", //
    "externalAppProperty" : "",
    "targetAnchorName" : "", // (Opt
    "targetAnchorFormula" : "", // (
    "icon" : "", // (Optional) The i
    "showRulesList" : [
        {
            "id" : "", // (Optional) The
            "name" : "" // (Optional) Th
        },
        ...
    ], // (Optional) The rules to sh
    "showRulesforNodes" : "", // (Op
    "visibility" : "", // (Optional)
    "viewRoleList" : [
        "",
        ...
    ] // (Optional) The list of role
    },
    ...
], // (Optional) The view column act
"connectedPropertyReference" : "", /
"longDescription" : "", // (Optional
"longDescriptionTranslations" : {
    "key" : ""
}, // (Optional) The view data conte
"fixedWidth" : 1, // (Optional) The
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The na
    },
    ...
], // (Optional) The rules to show i
"showRulesforNodes" : "", // (Option
"visibility" : "", // (Optional) The
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles
},
...
] // (Optional) The child view data colu

```

```

    },
    ...
], // (Optional) The child node definition 1
"longDescription" : "", // (Optional) The vi
"longDescriptionTranslations" : {
    "key" : ""
}, // (Optional) The view panel long descrip
"floorPlanSelectionId" : "", // (Optional) T
"floorPlanColumns" : "", // (Optional) The v
"visualizationSettings" : {
    "layoutPlanning" : false,
    "aspectRatio" : "",
    "buttons" : "",
    "caption" : "",
    "captionTranslations" : {
        "key" : ""
    },
    "showDescription" : false,
    "showBorder" : false
}, // (Optional) Visualization panel setting
"aspectRatio" : "", // (Optional) Aspect Rat
"showDescription" : false, // (Optional) Whe
"allowFullscreen" : false, // (Optional) Whe
"externalPanelEndpoint" : "", // (Optional)
"externalPanelProperty" : "", // (Optional)
"showOnPagesReferenceList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The list of pages for which
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The rules to show for this
"showRulesforNodes" : "", // (Optional) Form
"visibility" : "", // (Optional) The visibil
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles.
},
...
] // (Optional) The list of view panels in case

```

```

    },
    ...
  ], // (Optional) The list of Navigation Nodes.
  "viewQuickEditColumnList" : [
    {
      "id" : "",
      "label" : "", // (Optional) The quick edit column label
      "labelTranslations" : {
        "key" : ""
      }, // (Optional) The quick edit column label translations
      "attribute" : "", // (Optional) The quick edit column attribute
      "editable" : false // (Optional) Whether the quick edit column is
    },
    ...
  ], // (Optional) The list of Quick Edit Columns. A reference to the parent tab
  "parentTabReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The parent tab reference.
  "isGroup" : false, // (Optional) The View is tab group
  "showRulesList" : [
    {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    },
    ...
  ], // (Optional) The rules to show indicators for the view
  "showRulesforNodes" : "", // (Optional) Formula to show rules for nodes
  "visibility" : "", // (Optional) The visibility for the view
  "viewRoleList" : [
    "",
    ...
  ] // (Optional) The list of roles.
},
...
], // (Optional) The list of view pages.
"viewSidebarTabList" : [
  {
    "id" : "",
    "description" : "", // (Optional) The view sidebar tab description
    "descriptionTranslations" : {
      "key" : ""
    }, // (Optional) The view sidebar tab description translations
    "showOnPagesReferenceList" : [
      {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      },
    ],
  },

```



```

...
], // (Optional) The list of modules. Used whe
"preloadModule" : false, // (Optional) Whether
"viewFieldList" : [
  {
    "id" : "",
    "label" : "", // (Optional) The view data
    "fieldType" : "Attribute", // (Optional) T
    "labelTranslations" : {
      "key" : ""
    }, // (Optional) The view data content lab
    "editable" : false, // (Optional) Whether
    "attributeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The attribute named refer
    "portReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The port named reference.
    "expression" : "", // (Optional) The expre
    "domainReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The domain named referenc
    "actionReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The action named referenc
    "viewActionList" : [
      {
        "id" : "",
        "actionType" : "Execute", // (Optional
        "label" : "", // (Optional) The view a
        "labelTranslations" : {
          "key" : ""
        }, // (Optional) The view action label
        "longDescription" : "", // (Optional)
        "longDescriptionTranslations" : {
          "key" : ""
        }, // (Optional) The view action long
        "actionReference" : {
          "id" : "", // (Optional) The id.
          "name" : "" // (Optional) The name.
        }, // (Optional) The action named refe
        "externalPanelEndpoint" : "", // (Opti
        "externalAppProperty" : "",
        "targetAnchorName" : "", // (Optional)

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        "targetAnchorFormula" : "", // (Option
        "icon" : "", // (Optional) The icon.
        "showRulesList" : [
            {
                "id" : "", // (Optional) The id.
                "name" : "" // (Optional) The name
            },
            ...
        ], // (Optional) The rules to show ind
        "showRulesforNodes" : "", // (Optional
        "visibility" : "", // (Optional) The v
        "viewRoleList" : [
            "",
            ...
        ] // (Optional) The list of roles.
    },
    ...
], // (Optional) The view column action li
"connectedPropertyReference" : "", // (Opt
"longDescription" : "", // (Optional) The
"longDescriptionTranslations" : {
    "key" : ""
}, // (Optional) The view data content lon
"fixedWidth" : 1, // (Optional) The fixed
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The rules to show indicat
"showRulesforNodes" : "", // (Optional) Fo
"visibility" : "", // (Optional) The visib
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles
},
...
], // (Optional) The view panel columns/rows.
"viewActionList" : [
    {
        "id" : "",
        "actionType" : "Execute", // (Optional) Th
        "label" : "", // (Optional) The view actio
        "labelTranslations" : {
            "key" : ""
        }, // (Optional) The view action label tra

```

```

"longDescription" : "", // (Optional) The
"longDescriptionTranslations" : {
  "key" : ""
}, // (Optional) The view action long desc
"actionReference" : {
  "id" : "", // (Optional) The id.
  "name" : "" // (Optional) The name.
}, // (Optional) The action named referenc
"externalPanelEndpoint" : "", // (Optional
"externalAppProperty" : "",
"targetAnchorName" : "", // (Optional) The
"targetAnchorFormula" : "", // (Optional)
"icon" : "", // (Optional) The icon.
"showRulesList" : [
  {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  },
  ...
], // (Optional) The rules to show indicat
"showRulesforNodes" : "", // (Optional) Fo
"visibility" : "", // (Optional) The visib
"viewRoleList" : [
  "",
  ...
] // (Optional) The list of roles.
},
...
], // (Optional) The view panel action list. U
"variantFilterList" : [
  {
    "id" : "",
    "feature" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The module feature id
    "operator" : "EQUALS", // (Optional) The f
    "valueFormula" : "" // (Optional) The filt
  },
  ...
], // (Optional) The view panel filter list. U
"viewPanelTabList" : [
  {
    "id" : "",
    "description" : "", // (Optional) The view
    "descriptionTranslations" : {
      "key" : ""
    }, // (Optional) The view panel descriptio

```

```

"showRulesList" : [
  {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  },
  ...
], // (Optional) The rules to show indicat
"showRulesforNodes" : "", // (Optional) Fo
"visibility" : "", // (Optional) The visib
"viewRoleList" : [
  "",
  ...
], // (Optional) The list of roles.
"viewPanellist" : [
  {
    ...
  },
  ...
] // (Optional) The list of view panels.
},
...
], // (Optional) The view panel tab list. Used
"rootNodeSelector" : "", // (Optional) The roc
"treePanelChildNodeList" : [
  {
    "id" : "",
    "nodeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The node.
    "childNodesSelector" : "", // (Optional) Th
    "labelFormula" : "", // (Optional) The lab
    "icon" : "", // (Optional) The icon.
    "detailsDescription" : "", // (Optional) T
    "detailsDescriptionTranslations" : {
      "key" : ""
    }, // (Optional) The details description t
    "onDropActionReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The on drop action.
    "viewActionList" : [
      {
        "id" : "",
        "actionType" : "Execute", // (Optional
        "label" : "", // (Optional) The view a
        "labelTranslations" : {
          "key" : ""
        }, // (Optional) The view action label

```

```

"longDescription" : "", // (Optional)
"longDescriptionTranslations" : {
  "key" : ""
}, // (Optional) The view action long
"actionReference" : {
  "id" : "", // (Optional) The id.
  "name" : "" // (Optional) The name.
}, // (Optional) The action named refe
"externalPanelEndpoint" : "", // (Opti
"externalAppProperty" : "",
"targetAnchorName" : "", // (Optional)
"targetAnchorFormula" : "", // (Option
"icon" : "", // (Optional) The icon.
"showRulesList" : [
  {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name
  },
  ...
], // (Optional) The rules to show ind
"showRulesforNodes" : "", // (Optional)
"visibility" : "", // (Optional) The v
"viewRoleList" : [
  "",
  ...
] // (Optional) The list of roles.
},
...
], // (Optional) The child view action lis
"viewFieldList" : [
  {
    "id" : "",
    "label" : "", // (Optional) The view d
    "fieldType" : "Attribute", // (Optiona
    "labelTranslations" : {
      "key" : ""
    }, // (Optional) The view data content
    "editable" : false, // (Optional) Whet
    "attributeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The attribute named r
    "portReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The port named refere
    "expression" : "", // (Optional) The e
    "domainReference" : {

```

```

    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The domain named refe
  "actionReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The action named refe
  "viewActionList" : [
    {
      "id" : "",
      "actionType" : "Execute", // (Opti
      "label" : "", // (Optional) The vi
      "labelTranslations" : {
        "key" : ""
      }, // (Optional) The view action l
      "longDescription" : "", // (Option
      "longDescriptionTranslations" : {
        "key" : ""
      }, // (Optional) The view action l
      "actionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The na
      }, // (Optional) The action named
      "externalPanelEndpoint" : "", // (
      "externalAppProperty" : "",
      "targetAnchorName" : "", // (Optic
      "targetAnchorFormula" : "", // (Op
      "icon" : "", // (Optional) The icc
      "showRulesList" : [
        {
          "id" : "", // (Optional) The i
          "name" : "" // (Optional) The
        },
        ...
      ], // (Optional) The rules to show
      "showRulesforNodes" : "", // (Opti
      "visibility" : "", // (Optional) T
      "viewRoleList" : [
        "",
        ...
      ] // (Optional) The list of roles.
    },
    ...
  ], // (Optional) The view column actio
  "connectedPropertyReference" : "", //
  "longDescription" : "", // (Optional)
  "longDescriptionTranslations" : {
    "key" : ""
  }

```

```

    }, // (Optional) The view data content
    "fixedWidth" : 1, // (Optional) The fi
    "showRulesList" : [
        {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name
        },
        ...
    ], // (Optional) The rules to show ind
    "showRulesforNodes" : "", // (Optional
    "visibility" : "", // (Optional) The v
    "viewRoleList" : [
        "",
        ...
    ] // (Optional) The list of roles
    },
    ...
] // (Optional) The child view data column
},
...
], // (Optional) The child node definition lis
"longDescription" : "", // (Optional) The view
"longDescriptionTranslations" : {
    "key" : ""
}, // (Optional) The view panel long descripti
"floorPlanSelectionId" : "", // (Optional) The
"floorPlanColumns" : "", // (Optional) The vis
"visualizationSettings" : {
    "layoutPlanning" : false,
    "aspectRatio" : "",
    "buttons" : "",
    "caption" : "",
    "captionTranslations" : {
        "key" : ""
    },
    "showDescription" : false,
    "showBorder" : false
}, // (Optional) Visualization panel settings.
"aspectRatio" : "", // (Optional) Aspect Ratio
"showDescription" : false, // (Optional) Wheth
"allowFullscreen" : false, // (Optional) Wheth
"externalPanelEndpoint" : "", // (Optional) Th
"externalPanelProperty" : "", // (Optional) Th
"showOnPagesReferenceList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    },

```

```

        ...
    ], // (Optional) The list of pages for which t
    "showRulesList" : [
        {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        },
        ...
    ], // (Optional) The rules to show for this pa
    "showRulesforNodes" : "", // (Optional) Formul
    "visibility" : "", // (Optional) The visibilit
    "viewRoleList" : [
        "",
        ...
    ] // (Optional) The list of roles.
}, // (Optional) When panel type is "TablePanel"
"visibility" : "", // (Optional) The visibility
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles.
},
...
], // (Optional) The list of view sidebar tab panels
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The rules to show indicators for th
"showRulesforNodes" : "", // (Optional) Formula to s
"visibility" : "", // (Optional) The visibility foru
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles
},
...
], // (Optional) The list if view sidebar tabs.
"viewExternalAppList" : [
    {
        "id" : "",
        "description" : "", // (Optional) The view external
        "descriptionTranslations" : {
            "key" : ""
        }, // (Optional) The view external app description t
        "externalAppEndpoint" : "", // (Optional) The extern

```

```

        "externalAppProperty" : "" // (Optional) The externa
    },
    ...
], // (Optional) The list of external apps. Used when st
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The rules to show indicators for this s
"showRulesforNodes" : "", // (Optional) Formula to selec
"visibility" : "", // (Optional) The visibility formul.
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles.
},
...
] // (Optional) The list of steps.
}, // (Optional) The view of the model.
"outputList" : [
    {
        "id" : "",
        "attributeReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        }, // (Optional) The source model attribute named referenc
        "contextReferenceList" : [
            {
                "object" : "", // (Optional) The context object.
                "attribute" : "" // (Optional) The context attribute.
            },
            ...
        ], // (Optional) The target context reference. Supported c
        "useModelAttributeDescription" : false // (Optional) Wheth
    },
    ...
], // (Optional) The outputs of the model.
"bomDefinition" : {
    "rootNodeSelector" : "", // (Optional) The root node selecto
    "allowDuplicates" : false, // (Optional) Whether to allow du
    "nodeBomStructureList" : [
        {
            "id" : "", // (Optional) The Node Bom Structure id.
            "nodeReference" : {
                "id" : "", // (Optional) The id.
                "name" : "" // (Optional) The name.
            }
        }
    ]
}

```

```

    }, // (Optional) The model node.
    "childNodesSelector" : "", // (Optional) A child node sel
    "bomMappingFormula" : "", // (Optional) A BoM mapping fo
    "bomAttachingFormula" : "", // (Optional) A BoM attachin
    "descendantBomMapperOverrideFormula" : "" // (Optional)
  },
  ...
] // (Optional) The list of BoM node structures
}, // (Optional) The BoM definition of the model.
"summarySectionList" : [
  {
    "id" : "",
    "description" : "", // (Optional) The summary section desc
    "descriptionTranslations" : {
      "key" : ""
    }, // (Optional) The summary section description translati
    "sectionType" : "Network", // (Optional) The summary secti
    "nodeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The summary section node named reference.
    "attributesList" : [
      {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      },
      ...
    ], // (Optional) The summary section attributes. "Identifi
    "subConfigurationParameterType" : "Committed" // (Optional)
  },
  ...
], // (Optional) The Summary Sections of the model.
"screenshotList" : [
  {
    "id" : "",
    "name" : ""
  },
  ...
], // (Optional) The screenshots of the model.
"signatureList" : [
  {
    "id" : "",
    "name" : "",
    "scope" : "System", // (Optional) The signature scope. All
    "partList" : [
      {
        "id" : "",
        "name" : "",

```

```
        "formula" : "" // (Optional) The formula.
    },
    ...
  ] // (Optional) The signature parts.
},
...
], // (Optional) The signatures of the model.
"designatedQtyAttribute" : "" // (Optional) The name of the de
},
...
] // The network model list.
}
```

### **BulkImportInput**

---

A bulk input for system models.

```

{
  "networkModelList" : [
    {
      "id" : "",
      "name" : "",
      "description" : "", // (Optional) The model description.
      "descriptionTranslations" : {
        "key" : ""
      }, // (Optional) The model description translations by language
      "navigationStepLayoutType" : "multiPanel", // (Optional) The navigation step layout type
      "configurationDisplayType" : "Default", // (Optional) The configuration display type
      "tabGroupDisplayType" : "Single", // (Optional) The tab group display type
      "visualizationId" : "", // (Optional) The visualization id.
      "parameterCostListReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The cost parameter table named reference.
      "variantCostListReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The cost variant table named reference.
      "elementCostListReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The cost element table named reference.
      "subElementCostListReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The cost sub element table named reference.
      "actionOnFinishReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The action to trigger when finishing the configuration
      "triggerBatchSubconfigurationOnFinish" : false, // (Optional)
      "attributeList" : [
        {
          "id" : "",
          "name" : "",
          "description" : "", // (Optional) The attribute description
          "descriptionTranslations" : {
            "key" : ""
          }, // (Optional) The attribute description translations by language
          "attributeType" : "Input", // (Optional) The attribute type
          "domainReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
          }, // (Optional) The attribute domain.
        }
      ]
    }
  ]
}

```

```

"defaultValue" : "", // (Optional) The attribute default v
"formula" : "", // (Optional) The attribute formula. Used
"contextReference" : {
  "object" : "", // (Optional) The context object.
  "attribute" : "" // (Optional) The context attribute.
}, // (Optional) The context reference. Used when attribut
"contextTestValue" : "", // (Optional) The context test va
"filterFormula" : "" // (Optional) The filter formula. Use
},
...
], // (Optional) The list of model global attributes.
"nodeList" : [
{
  "id" : "",
  "name" : "",
  "description" : "", // (Optional) The node description.
  "descriptionTranslations" : {
    "key" : ""
  }, // (Optional) The node description translations by lang
  "nodeType" : "Empty", // (Optional) The node type. Allowed
  "moduleReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The module at the node. Used when node ty
  "preloadModule" : false, // (Optional) Whether the module
  "filterList" : [
    {
      "id" : "",
      "feature" : "", // (Optional) The module feature id
      "operator" : "EQUALS", // (Optional) The filter operat
      "attributeReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The module filter attributereference.
      "value" : "" // (Optional) The filter value
    },
    ...
  ], // (Optional) The module filters. Used when node type i
  "assemblyReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The assembly at the node. Used when node
  "assemblyViewType" : "AssemblyDefaultView", // (Optional)
  "sizingFormulaList" : [
    {
      "id" : "",
      "attributeOrPosition" : {
        "id" : "", // (Optional) The id.

```

```

        "name" : "" // (Optional) The name.
    }, // (Optional) The sizing formula attribute or posit
    "formula" : "", // (Optional) The sizing formula
    "attributeType" : "" // (Optional) The attributeType.
},
...
], // (Optional) The assembly sizing. Used when node type
"uploadedModelReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
}, // (Optional) The uploaded model at the node. Used when
"uploadedModelInputs" : [
    {
        "id" : "",
        "name" : "",
        "field" : "", // (Optional) The input field.
        "domainReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        }, // (Optional) The input domain.
        "formula" : "" // (Optional) The input formula.
    },
    ...
], // (Optional) The uploaded model inputs. Used when node
"moduleReferenceList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The list of modules to which external var
"qtyMin" : 1, // (Optional) The node minimum qty.
"qtyMax" : 1, // (Optional) The node maximum qty.
"attributeList" : [
    {
        "id" : "",
        "name" : "",
        "description" : "", // (Optional) The attribute descri
        "descriptionTranslations" : {
            "key" : ""
        }, // (Optional) The attribute description translation
        "attributeType" : "Input", // (Optional) The attribute
        "domainReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        }, // (Optional) The attribute domain.
        "defaultValue" : "", // (Optional) The attribute defau
        "formula" : "", // (Optional) The attribute formula. U

```

```

        "contextReference" : {
            "object" : "", // (Optional) The context object.
            "attribute" : "" // (Optional) The context attribute
        }, // (Optional) The context reference. Used when attr
        "contextTestValue" : "", // (Optional) The context tes
        "filterFormula" : "" // (Optional) The filter formula.
    },
    ...
], // (Optional) The list of node attributes.
"portList" : [
    {
        "id" : "",
        "name" : "",
        "description" : "", // (Optional) The port description
        "descriptionTranslations" : {
            "key" : ""
        }, // (Optional) The port description translations by
        "qtyMin" : 1, // (Optional) The port minimum qty.
        "qtyMax" : 1 // (Optional) The port maximum qty.
    },
    ...
], // (Optional) The list of node ports.
"displayAttributeReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
}, // (Optional) The display attribute named reference.
"screenshotList" : [
    {
        "id" : "",
        "name" : ""
    },
    ...
], // (Optional) The list of node screenshots.
"onLeaveActionReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
} // (Optional) The on-leave node configuration action nar
},
...
], // (Optional) The node list of the model.
"connectionList" : [
    {
        "id" : "",
        "name" : "",
        "description" : "", // (Optional) The connection descripti
        "descriptionTranslations" : {
            "key" : ""
        }, // (Optional) The connection description translations b

```

```

"connectionPortAList" : [
  {
    "id" : "",
    "nodeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The node named reference.
    "portReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    } // (Optional) The port named reference.
  },
  ...
], // (Optional) A list of connection ports
"connectionPortBList" : [
  {
    "id" : "",
    "nodeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The node named reference.
    "portReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    } // (Optional) The port named reference.
  },
  ...
] // (Optional) A list of connection ports
},
...
], // (Optional) The connection list of the model.
"actionList" : [
  {
    "id" : "",
    "name" : "",
    "description" : "", // (Optional) The action description.
    "descriptionTranslations" : {
      "key" : ""
    }, // (Optional) The action translations by language.
    "scope" : "Network", // (Optional) The scope of the action
    "nodeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The actioned node.
    "code" : "", // (Optional) The action code.
    "preconditionFormula" : "", // (Optional) The action precc
    "actionInputList" : [
      {

```

```

        "id" : "",
        "name" : "",
        "description" : "", // (Optional) The input descriptio
        "descriptionTranslations" : {
            "key" : ""
        }, // (Optional) The input translations by language.
        "inputType" : "Domain", // (Optional) The input type.
        "inputFileType" : "Excel", // (Optional) The input fil
        "domainReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        }, // (Optional) The input domain.
        "mandatory" : false, // (Optional) The input descripti
        "defaultValue" : "", // (Optional) The input default v
        "allowedNodes" : "", // (Optional) The input allowed n
        "filterFormula" : "" // (Optional) The filter formula.
    },
    ...
], // (Optional) The list of action inputs.
"confirmationMessage" : "", // (Optional) The action confi
"confirmationMessageTranslations" : {
    "key" : ""
}, // (Optional) The action confirmation messages by langu
"confirmationMessagePrecondition" : "", // (Optional) The
"errorDialogMessage" : "", // (Optional) The action error
"errorDialogMessageTranslations" : {
    "key" : ""
}, // (Optional) The action error dialog messages by langu
"allowDirectInput" : false // (Optional) The action allow
},
...
], // (Optional) The action list of the model.
"ruleList" : [
    {
        "id" : "",
        "name" : "",
        "description" : "", // (Optional) The rule description.
        "descriptionTranslations" : {
            "key" : ""
        }, // (Optional) The rule description translations by lang
        "message" : "", // (Optional) The rule message.
        "messageTranslations" : {
            "key" : ""
        }, // (Optional) The rule message translations by language
        "scope" : "Network", // (Optional) The scope of the rule.
        "nodeSelector" : "", // (Optional) The node selector.
        "code" : "", // (Optional) The rule code.
        "ruleSeverity" : "Info", // (Optional) The rule severity.
    }
]

```

```

"resolutionList" : [
  {
    "id" : "",
    "name" : "",
    "description" : "", // (Optional) The resolution descr
    "descriptionTranslations" : {
      "key" : ""
    }, // (Optional) The resolution description translatio
    "icon" : "", // (Optional) The icon.
    "actionType" : "Execute", // (Optional) The resolution
    "actionReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The resolution action for action type
    "targetAnchorName" : "", // (Optional) The target anch
    "targetAnchorFormula" : "" // (Optional) The target an
  },
  ...
] // (Optional) The list of rule resolutions.
},
...
], // (Optional) The rule list of the model.
"view" : {
  "viewStepList" : [
    {
      "id" : "",
      "description" : "", // (Optional) The view step descript
      "descriptionTranslations" : {
        "key" : ""
      }, // (Optional) The view step description translations
      "stepMode" : "TabPanel", // (Optional) The step mode. Al
      "nodeReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The node named reference.
      "actionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The step action named reference.
      "onLeaveActionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The on-leave step action named referenc
      "externalAppEndpoint" : "", // (Optional) The external a
      "externalAppProperty" : "", // (Optional) The external a
      "anchorName" : "", // (Optional) The view step anchor na
      "sidebarVisibility" : "ShowBoth", // (Optional) Sidebar
      "viewTabList" : [

```

```

{
  "id" : "",
  "name" : "",
  "description" : "", // (Optional) The view description
  "descriptionTranslations" : {
    "key" : ""
  }, // (Optional) The view description translations
  "rootNodeSelector" : "", // (Optional) The root node
  "pageMode" : "TabPanel", // (Optional) The page mode
  "nodeReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The node named reference.
  "anchorName" : "", // (Optional) The view tab anchor
  "viewPanelList" : [
    {
      "id" : "",
      "description" : "", // (Optional) The view panel
      "descriptionTranslations" : {
        "key" : ""
      }, // (Optional) The view panel description tran
      "panelType" : "ActionPanel", // (Optional) The v
      "selectorType" : "Nodes", // (Optional) The sele
      "transposed" : false, // (Optional) Whether the
      "filtersEnabled" : false, // (Optional) Whether
      "nodeSelector" : "", // (Optional) The node sele
      "onDropActionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The on drop action. Used when p
      "moduleReferenceList" : [
        {
          "id" : "", // (Optional) The id.
          "name" : "" // (Optional) The name.
        },
        ...
      ], // (Optional) The list of modules. Used when
      "preloadModule" : false, // (Optional) Whether t
      "viewFieldList" : [
        {
          "id" : "",
          "label" : "", // (Optional) The view data co
          "fieldType" : "Attribute", // (Optional) The
          "labelTranslations" : {
            "key" : ""
          }, // (Optional) The view data content label
          "editable" : false, // (Optional) Whether th
          "attributeReference" : {

```

```

    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The attribute named referen
  "portReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The port named reference. C
  "expression" : "", // (Optional) The express
  "domainReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The domain named reference.
  "actionReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The action named reference.
  "viewActionList" : [
    {
      "id" : "",
      "actionType" : "Execute", // (Optional)
      "label" : "", // (Optional) The view act
      "labelTranslations" : {
        "key" : ""
      }, // (Optional) The view action label t
      "longDescription" : "", // (Optional) Th
      "longDescriptionTranslations" : {
        "key" : ""
      }, // (Optional) The view action long de
      "actionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The action named refere
      "externalPanelEndpoint" : "", // (Option
      "externalAppProperty" : "",
      "targetAnchorName" : "", // (Optional) T
      "targetAnchorFormula" : "", // (Optional
      "icon" : "", // (Optional) The icon.
      "showRulesList" : [
        {
          "id" : "", // (Optional) The id.
          "name" : "" // (Optional) The name.
        },
        ...
      ], // (Optional) The rules to show indic
      "showRulesforNodes" : "", // (Optional)
      "visibility" : "", // (Optional) The vis
      "viewRoleList" : [
        "",

```

```

        ...
    ] // (Optional) The list of roles.
    },
    ...
], // (Optional) The view column action list
"connectedPropertyReference" : "", // (Optional) The view column action list
"longDescription" : "", // (Optional) The view column action list long description
"longDescriptionTranslations" : {
    "key" : ""
}, // (Optional) The view data content long description
"fixedWidth" : 1, // (Optional) The fixed width
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The rules to show indicator
"showRulesForNodes" : "", // (Optional) For nodes
"visibility" : "", // (Optional) The visibility
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles
},
...
], // (Optional) The view panel columns/rows. Use
"viewActionList" : [
    {
        "id" : "",
        "actionType" : "Execute", // (Optional) The action type
        "label" : "", // (Optional) The view action label
        "labelTranslations" : {
            "key" : ""
        }, // (Optional) The view action label translations
        "longDescription" : "", // (Optional) The view action long description
        "longDescriptionTranslations" : {
            "key" : ""
        }, // (Optional) The view action long description translations
        "actionReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        }, // (Optional) The action named reference.
        "externalPanelEndpoint" : "", // (Optional) The external panel endpoint
        "externalAppProperty" : "",
        "targetAnchorName" : "", // (Optional) The target anchor name
        "targetAnchorFormula" : "", // (Optional) The target anchor formula
        "icon" : "", // (Optional) The icon.
    }
]

```

```

"showRulesList" : [
  {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  },
  ...
], // (Optional) The rules to show indicator
"showRulesforNodes" : "", // (Optional) Form
"visibility" : "", // (Optional) The visibil
"viewRoleList" : [
  "",
  ...
] // (Optional) The list of roles.
},
...
], // (Optional) The view panel action list. Use
"variantFilterList" : [
  {
    "id" : "",
    "feature" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The module feature id
    "operator" : "EQUALS", // (Optional) The fil
    "valueFormula" : "" // (Optional) The filter
  },
  ...
], // (Optional) The view panel filter list. Use
"viewPanelTabList" : [
  {
    "id" : "",
    "description" : "", // (Optional) The view p
    "descriptionTranslations" : {
      "key" : ""
    }, // (Optional) The view panel description
    "showRulesList" : [
      {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      },
      ...
    ], // (Optional) The rules to show indicator
    "showRulesforNodes" : "", // (Optional) Form
    "visibility" : "", // (Optional) The visibil
    "viewRoleList" : [
      "",
      ...
    ], // (Optional) The list of roles.
  }
]

```

```

    "viewPanelList" : [
      {
        ...
      },
      ...
    ] // (Optional) The list of view panels.
  },
  ...
], // (Optional) The view panel tab list. Used w
"rootNodeSelector" : "", // (Optional) The root
"treePanelChildNodeList" : [
  {
    "id" : "",
    "nodeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The node.
    "childNodesSelector" : "", // (Optional) The
    "labelFormula" : "", // (Optional) The label
    "icon" : "", // (Optional) The icon.
    "detailsDescription" : "", // (Optional) The
    "detailsDescriptionTranslations" : {
      "key" : ""
    }, // (Optional) The details description tra
    "onDropActionReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The on drop action.
    "viewActionList" : [
      {
        "id" : "",
        "actionType" : "Execute", // (Optional)
        "label" : "", // (Optional) The view act
        "labelTranslations" : {
          "key" : ""
        }, // (Optional) The view action label t
        "longDescription" : "", // (Optional) Th
        "longDescriptionTranslations" : {
          "key" : ""
        }, // (Optional) The view action long de
        "actionReference" : {
          "id" : "", // (Optional) The id.
          "name" : "" // (Optional) The name.
        }, // (Optional) The action named refere
        "externalPanelEndpoint" : "", // (Option
        "externalAppProperty" : "",
        "targetAnchorName" : "", // (Optional) T
        "targetAnchorFormula" : "", // (Optional
        "icon" : "", // (Optional) The icon.

```

```

"showRulesList" : [
  {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  },
  ...
], // (Optional) The rules to show indic
"showRulesforNodes" : "", // (Optional)
"visibility" : "", // (Optional) The vis
"viewRoleList" : [
  "",
  ...
] // (Optional) The list of roles.
},
...
], // (Optional) The child view action list.
"viewFieldList" : [
  {
    "id" : "",
    "label" : "", // (Optional) The view dat
    "fieldType" : "Attribute", // (Optional)
    "labelTranslations" : {
      "key" : ""
    }, // (Optional) The view data content l
    "editable" : false, // (Optional) Whethe
    "attributeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The attribute named ref
    "portReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The port named referenc
    "expression" : "", // (Optional) The exp
    "domainReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The domain named refere
    "actionReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The action named refere
    "viewActionList" : [
      {
        "id" : "",
        "actionType" : "Execute", // (Option
        "label" : "", // (Optional) The view
        "labelTranslations" : {

```

```

    "key" : ""
  }, // (Optional) The view action lab
  "longDescription" : "", // (Optional
  "longDescriptionTranslations" : {
    "key" : ""
  }, // (Optional) The view action lon
  "actionReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name
  }, // (Optional) The action named re
  "externalPanelEndpoint" : "", // (Op
  "externalAppProperty" : "",
  "targetAnchorName" : "", // (Optiona
  "targetAnchorFormula" : "", // (Opti
  "icon" : "", // (Optional) The icon.
  "showRulesList" : [
    {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The na
    },
    ...
  ], // (Optional) The rules to show i
  "showRulesforNodes" : "", // (Option
  "visibility" : "", // (Optional) The
  "viewRoleList" : [
    "",
    ...
  ] // (Optional) The list of roles.
},
...
], // (Optional) The view column action
"connectedPropertyReference" : "", // (C
"longDescription" : "", // (Optional) Th
"longDescriptionTranslations" : {
  "key" : ""
}, // (Optional) The view data content l
"fixedWidth" : 1, // (Optional) The fixe
"showRulesList" : [
  {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  },
  ...
], // (Optional) The rules to show indic
"showRulesforNodes" : "", // (Optional)
"visibility" : "", // (Optional) The vis
"viewRoleList" : [
  "",

```

```

        ...
        ] // (Optional) The list of roles
    },
    ...
    ] // (Optional) The child view data column 1
},
...
], // (Optional) The child node definition list.
"longDescription" : "", // (Optional) The view p
"longDescriptionTranslations" : {
    "key" : ""
}, // (Optional) The view panel long description
"floorPlanSelectionId" : "", // (Optional) The v
"floorPlanColumns" : "", // (Optional) The visua
"visualizationSettings" : {
    "layoutPlanning" : false,
    "aspectRatio" : "",
    "buttons" : "",
    "caption" : "",
    "captionTranslations" : {
        "key" : ""
    },
    "showDescription" : false,
    "showBorder" : false
}, // (Optional) Visualization panel settings. U
"aspectRatio" : "", // (Optional) Aspect Ratio.
"showDescription" : false, // (Optional) Whether
"allowFullscreen" : false, // (Optional) Whether
"externalPanelEndpoint" : "", // (Optional) The
"externalPanelProperty" : "", // (Optional) The
"showOnPagesReferenceList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The list of pages for which the
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The rules to show for this pane
"showRulesforNodes" : "", // (Optional) Formula
"visibility" : "", // (Optional) The visibility
"viewRoleList" : [
    "",

```

```

    ...
    ] // (Optional) The list of roles.
  },
  ...
], // (Optional) The list of view panels.
"viewNavigationNodeList" : [
  {
    "id" : "",
    "nodeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The node.
    "childNodesSelector" : "", // (Optional) The chil
    "onDropActionReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The on drop action.
    "labelFormula" : "", // (Optional) The label for
    "icon" : "", // (Optional) The icon
    "navNodeMode" : "TabPanel", // (Optional) The na
    "viewActionList" : [
      {
        "id" : "",
        "actionType" : "Execute", // (Optional) The
        "label" : "", // (Optional) The view action
        "labelTranslations" : {
          "key" : ""
        }, // (Optional) The view action label trans
        "longDescription" : "", // (Optional) The vi
        "longDescriptionTranslations" : {
          "key" : ""
        }, // (Optional) The view action long descri
        "actionReference" : {
          "id" : "", // (Optional) The id.
          "name" : "" // (Optional) The name.
        }, // (Optional) The action named reference.
        "externalPanelEndpoint" : "", // (Optional)
        "externalAppProperty" : "",
        "targetAnchorName" : "", // (Optional) The t
        "targetAnchorFormula" : "", // (Optional) Th
        "icon" : "", // (Optional) The icon.
        "showRulesList" : [
          {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
          },
          ...
        ], // (Optional) The rules to show indicator

```

```

    "showRulesforNodes" : "", // (Optional) Form
    "visibility" : "", // (Optional) The visibil
    "viewRoleList" : [
        "",
        ...
    ] // (Optional) The list of roles.
},
...
], // (Optional) The navigation node action list
"viewPanellist" : [
    {
        "id" : "",
        "description" : "", // (Optional) The view p
        "descriptionTranslations" : {
            "key" : ""
        }, // (Optional) The view panel description
        "panelType" : "ActionPanel", // (Optional) T
        "selectorType" : "Nodes", // (Optional) The
        "transposed" : false, // (Optional) Whether
        "filtersEnabled" : false, // (Optional) Whet
        "nodeSelector" : "", // (Optional) The node
        "onDropActionReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        }, // (Optional) The on drop action. Used wh
        "moduleReferencelist" : [
            {
                "id" : "", // (Optional) The id.
                "name" : "" // (Optional) The name.
            },
            ...
        ], // (Optional) The list of modules. Used w
        "preloadModule" : false, // (Optional) Wheth
        "viewFieldList" : [
            {
                "id" : "",
                "label" : "", // (Optional) The view dat
                "fieldType" : "Attribute", // (Optional)
                "labelTranslations" : {
                    "key" : ""
                }, // (Optional) The view data content l
                "editable" : false, // (Optional) Whethe
                "attributeReference" : {
                    "id" : "", // (Optional) The id.
                    "name" : "" // (Optional) The name.
                }, // (Optional) The attribute named ref
                "portReference" : {
                    "id" : "", // (Optional) The id.

```

```

    "name" : "" // (Optional) The name.
  }, // (Optional) The port named referenc
  "expression" : "", // (Optional) The exp
  "domainReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The domain named refere
  "actionReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The action named refere
  "viewActionList" : [
    {
      "id" : "",
      "actionType" : "Execute", // (Option
      "label" : "", // (Optional) The view
      "labelTranslations" : {
        "key" : ""
      }, // (Optional) The view action lab
      "longDescription" : "", // (Optional
      "longDescriptionTranslations" : {
        "key" : ""
      }, // (Optional) The view action lon
      "actionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name
      }, // (Optional) The action named re
      "externalPanelEndpoint" : "", // (Op
      "externalAppProperty" : "",
      "targetAnchorName" : "", // (Optiona
      "targetAnchorFormula" : "", // (Opti
      "icon" : "", // (Optional) The icon.
      "showRulesList" : [
        {
          "id" : "", // (Optional) The id.
          "name" : "" // (Optional) The na
        },
        ...
      ], // (Optional) The rules to show i
      "showRulesforNodes" : "", // (Option
      "visibility" : "", // (Optional) The
      "viewRoleList" : [
        "",
        ...
      ] // (Optional) The list of roles.
    },
    ...
  ], // (Optional) The view column action

```

```

"connectedPropertyReference" : "", // (C
"longDescription" : "", // (Optional) Th
"longDescriptionTranslations" : {
  "key" : ""
}, // (Optional) The view data content 1
"fixedWidth" : 1, // (Optional) The fixe
"showRulesList" : [
  {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  },
  ...
], // (Optional) The rules to show indic
"showRulesforNodes" : "", // (Optional)
"visibility" : "", // (Optional) The vis
"viewRoleList" : [
  "",
  ...
] // (Optional) The list of roles
},
...
], // (Optional) The view panel columns/rows
"viewActionList" : [
  {
    "id" : "",
    "actionType" : "Execute", // (Optional)
    "label" : "", // (Optional) The view act
    "labelTranslations" : {
      "key" : ""
    }, // (Optional) The view action label t
    "longDescription" : "", // (Optional) Th
    "longDescriptionTranslations" : {
      "key" : ""
    }, // (Optional) The view action long de
    "actionReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The action named refere
    "externalPanelEndpoint" : "", // (Option
    "externalAppProperty" : "",
    "targetAnchorName" : "", // (Optional) T
    "targetAnchorFormula" : "", // (Optional
    "icon" : "", // (Optional) The icon.
    "showRulesList" : [
      {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      },

```

```

...
], // (Optional) The rules to show indic
"showRulesforNodes" : "", // (Optional)
"visibility" : "", // (Optional) The vis
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles.
},
...
], // (Optional) The view panel action list.
"variantFilterList" : [
{
    "id" : "",
    "feature" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    }, // (Optional) The module feature id
    "operator" : "EQUALS", // (Optional) The
    "valueFormula" : "" // (Optional) The fi
},
...
], // (Optional) The view panel filter list.
"viewPanelTabList" : [
{
    "id" : "",
    "description" : "", // (Optional) The vi
    "descriptionTranslations" : {
        "key" : ""
    }, // (Optional) The view panel descript
    "showRulesList" : [
        {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        },
        ...
    ], // (Optional) The rules to show indic
    "showRulesforNodes" : "", // (Optional)
    "visibility" : "", // (Optional) The vis
    "viewRoleList" : [
        "",
        ...
    ], // (Optional) The list of roles.
    "viewPanellist" : [
        {
            ...
        },
        ...
    ] // (Optional) The list of view panels.
}

```

```

    },
    ...
  ], // (Optional) The view panel tab list. Us
  "rootNodeSelector" : "", // (Optional) The r
  "treePanelChildNodeList" : [
    {
      "id" : "",
      "nodeReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The node.
      "childNodesSelector" : "", // (Optional)
      "labelFormula" : "", // (Optional) The l
      "icon" : "", // (Optional) The icon.
      "detailsDescription" : "", // (Optional)
      "detailsDescriptionTranslations" : {
        "key" : ""
      }, // (Optional) The details description
      "onDropActionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The on drop action.
      "viewActionList" : [
        {
          "id" : "",
          "actionType" : "Execute", // (Option
          "label" : "", // (Optional) The view
          "labelTranslations" : {
            "key" : ""
          }, // (Optional) The view action lab
          "longDescription" : "", // (Optional)
          "longDescriptionTranslations" : {
            "key" : ""
          }, // (Optional) The view action lon
          "actionReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name
          }, // (Optional) The action named re
          "externalPanelEndpoint" : "", // (Op
          "externalAppProperty" : "",
          "targetAnchorName" : "", // (Optiona
          "targetAnchorFormula" : "", // (Opti
          "icon" : "", // (Optional) The icon.
          "showRulesList" : [
            {
              "id" : "", // (Optional) The id.
              "name" : "" // (Optional) The na
            },

```

```

...
], // (Optional) The rules to show i
"showRulesforNodes" : "", // (Option
"visibility" : "", // (Optional) The
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles.
},
...
], // (Optional) The child view action l
"viewFieldList" : [
{
    "id" : "",
    "label" : "", // (Optional) The view
    "fieldType" : "Attribute", // (Optic
    "labelTranslations" : {
        "key" : ""
    }, // (Optional) The view data conte
    "editable" : false, // (Optional) Wh
    "attributeReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name
    }, // (Optional) The attribute named
    "portReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name
    }, // (Optional) The port named refe
    "expression" : "", // (Optional) The
    "domainReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name
    }, // (Optional) The domain named re
    "actionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name
    }, // (Optional) The action named re
    "viewActionList" : [
        {
            "id" : "",
            "actionType" : "Execute", // (Op
            "label" : "", // (Optional) The
            "labelTranslations" : {
                "key" : ""
            }, // (Optional) The view action
            "longDescription" : "", // (Opti
            "longDescriptionTranslations" :
                "key" : ""
        }
    ]
}

```

```

    }, // (Optional) The view action
    "actionReference" : {
        "id" : "", // (Optional) The i
        "name" : "" // (Optional) The
    }, // (Optional) The action name
    "externalPanelEndpoint" : "", //
    "externalAppProperty" : "",
    "targetAnchorName" : "", // (Opt
    "targetAnchorFormula" : "", // (
    "icon" : "", // (Optional) The i
    "showRulesList" : [
        {
            "id" : "", // (Optional) The
            "name" : "" // (Optional) Th
        },
        ...
    ], // (Optional) The rules to sh
    "showRulesforNodes" : "", // (Op
    "visibility" : "", // (Optional)
    "viewRoleList" : [
        "",
        ...
    ] // (Optional) The list of role
    },
    ...
], // (Optional) The view column act
"connectedPropertyReference" : "", /
"longDescription" : "", // (Optional
"longDescriptionTranslations" : {
    "key" : ""
}, // (Optional) The view data conte
"fixedWidth" : 1, // (Optional) The
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The na
    },
    ...
], // (Optional) The rules to show i
"showRulesforNodes" : "", // (Option
"visibility" : "", // (Optional) The
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles
},
...
] // (Optional) The child view data colu

```

```

    },
    ...
], // (Optional) The child node definition 1
"longDescription" : "", // (Optional) The vi
"longDescriptionTranslations" : {
    "key" : ""
}, // (Optional) The view panel long descrip
"floorPlanSelectionId" : "", // (Optional) T
"floorPlanColumns" : "", // (Optional) The v
"visualizationSettings" : {
    "layoutPlanning" : false,
    "aspectRatio" : "",
    "buttons" : "",
    "caption" : "",
    "captionTranslations" : {
        "key" : ""
    },
    "showDescription" : false,
    "showBorder" : false
}, // (Optional) Visualization panel setting
"aspectRatio" : "", // (Optional) Aspect Rat
"showDescription" : false, // (Optional) Whe
"allowFullscreen" : false, // (Optional) Whe
"externalPanelEndpoint" : "", // (Optional)
"externalPanelProperty" : "", // (Optional)
"showOnPagesReferenceList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The list of pages for which
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The rules to show for this
"showRulesforNodes" : "", // (Optional) Form
"visibility" : "", // (Optional) The visibil
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles.
},
...
] // (Optional) The list of view panels in case

```

```

    },
    ...
  ], // (Optional) The list of Navigation Nodes.
  "viewQuickEditColumnList" : [
    {
      "id" : "",
      "label" : "", // (Optional) The quick edit column label
      "labelTranslations" : {
        "key" : ""
      }, // (Optional) The quick edit column label translations
      "attribute" : "", // (Optional) The quick edit column attribute
      "editable" : false // (Optional) Whether the quick edit column is editable
    },
    ...
  ], // (Optional) The list of Quick Edit Columns. A reference to the parent tab reference.
  "parentTabReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The parent tab reference.
  "isGroup" : false, // (Optional) The View is tab group
  "showRulesList" : [
    {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    },
    ...
  ], // (Optional) The rules to show indicators for the view
  "showRulesforNodes" : "", // (Optional) Formula to show rules for nodes
  "visibility" : "", // (Optional) The visibility for the view
  "viewRoleList" : [
    "",
    ...
  ] // (Optional) The list of roles.
},
...
], // (Optional) The list of view pages.
"viewSidebarTabList" : [
  {
    "id" : "",
    "description" : "", // (Optional) The view sidebar tab description
    "descriptionTranslations" : {
      "key" : ""
    }, // (Optional) The view sidebar tab description translations
    "showOnPagesReferenceList" : [
      {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      },
    ],
  },

```

```

...
], // (Optional) The list of pages for which the sid
"viewSidebarPanelList" : [
  {
    "id" : "",
    "description" : "", // (Optional) The view sideb
    "descriptionTranslations" : {
      "key" : ""
    }, // (Optional) The view sidebar panel descript
    "panelType" : "PricingPanel", // (Optional) The
    "showOnPagesReferenceList" : [
      {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      },
      ...
    ], // (Optional) The list of pages for which the
    "visualizationSettings" : {
      "layoutPlanning" : false,
      "aspectRatio" : "",
      "buttons" : "",
      "caption" : "",
      "captionTranslations" : {
        "key" : ""
      },
      "showDescription" : false,
      "showBorder" : false
    }, // (Optional) Visualization panel settings. U
    "viewPanel" : {
      "id" : "",
      "description" : "", // (Optional) The view pan
      "descriptionTranslations" : {
        "key" : ""
      }, // (Optional) The view panel description tr
      "panelType" : "ActionPanel", // (Optional) The
      "selectorType" : "Nodes", // (Optional) The se
      "transposed" : false, // (Optional) Whether th
      "filtersEnabled" : false, // (Optional) Whethe
      "nodeSelector" : "", // (Optional) The node se
      "onDropActionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      }, // (Optional) The on drop action. Used when
      "moduleReferenceList" : [
        {
          "id" : "", // (Optional) The id.
          "name" : "" // (Optional) The name.
        },

```

```

...
], // (Optional) The list of modules. Used whe
"preloadModule" : false, // (Optional) Whether
"viewFieldList" : [
  {
    "id" : "",
    "label" : "", // (Optional) The view data
    "fieldType" : "Attribute", // (Optional) T
    "labelTranslations" : {
      "key" : ""
    }, // (Optional) The view data content lab
    "editable" : false, // (Optional) Whether
    "attributeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The attribute named refer
    "portReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The port named reference.
    "expression" : "", // (Optional) The expre
    "domainReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The domain named referenc
    "actionReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The action named referenc
    "viewActionList" : [
      {
        "id" : "",
        "actionType" : "Execute", // (Optional
        "label" : "", // (Optional) The view a
        "labelTranslations" : {
          "key" : ""
        }, // (Optional) The view action label
        "longDescription" : "", // (Optional)
        "longDescriptionTranslations" : {
          "key" : ""
        }, // (Optional) The view action long
        "actionReference" : {
          "id" : "", // (Optional) The id.
          "name" : "" // (Optional) The name.
        }, // (Optional) The action named refe
        "externalPanelEndpoint" : "", // (Opti
        "externalAppProperty" : "",
        "targetAnchorName" : "", // (Optional)

```

```

        "targetAnchorFormula" : "", // (Option
        "icon" : "", // (Optional) The icon.
        "showRulesList" : [
            {
                "id" : "", // (Optional) The id.
                "name" : "" // (Optional) The name
            },
            ...
        ], // (Optional) The rules to show ind
        "showRulesforNodes" : "", // (Optional
        "visibility" : "", // (Optional) The v
        "viewRoleList" : [
            "",
            ...
        ] // (Optional) The list of roles.
    },
    ...
], // (Optional) The view column action li
"connectedPropertyReference" : "", // (Opt
"longDescription" : "", // (Optional) The
"longDescriptionTranslations" : {
    "key" : ""
}, // (Optional) The view data content lon
"fixedWidth" : 1, // (Optional) The fixed
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The rules to show indicat
"showRulesforNodes" : "", // (Optional) Fo
"visibility" : "", // (Optional) The visib
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles
},
...
], // (Optional) The view panel columns/rows.
"viewActionList" : [
    {
        "id" : "",
        "actionType" : "Execute", // (Optional) Th
        "label" : "", // (Optional) The view actio
        "labelTranslations" : {
            "key" : ""
        }, // (Optional) The view action label tra

```

```

"longDescription" : "", // (Optional) The
"longDescriptionTranslations" : {
  "key" : ""
}, // (Optional) The view action long desc
"actionReference" : {
  "id" : "", // (Optional) The id.
  "name" : "" // (Optional) The name.
}, // (Optional) The action named referenc
"externalPanelEndpoint" : "", // (Optional
"externalAppProperty" : "",
"targetAnchorName" : "", // (Optional) The
"targetAnchorFormula" : "", // (Optional)
"icon" : "", // (Optional) The icon.
"showRulesList" : [
  {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  },
  ...
], // (Optional) The rules to show indicat
"showRulesforNodes" : "", // (Optional) Fo
"visibility" : "", // (Optional) The visib
"viewRoleList" : [
  "",
  ...
] // (Optional) The list of roles.
},
...
], // (Optional) The view panel action list. U
"variantFilterList" : [
  {
    "id" : "",
    "feature" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The module feature id
    "operator" : "EQUALS", // (Optional) The f
    "valueFormula" : "" // (Optional) The filt
  },
  ...
], // (Optional) The view panel filter list. U
"viewPanelTabList" : [
  {
    "id" : "",
    "description" : "", // (Optional) The view
    "descriptionTranslations" : {
      "key" : ""
    }, // (Optional) The view panel descriptio

```

```

"showRulesList" : [
  {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  },
  ...
], // (Optional) The rules to show indicat
"showRulesforNodes" : "", // (Optional) Fo
"visibility" : "", // (Optional) The visib
"viewRoleList" : [
  "",
  ...
], // (Optional) The list of roles.
"viewPanellist" : [
  {
    ...
  },
  ...
] // (Optional) The list of view panels.
},
...
], // (Optional) The view panel tab list. Used
"rootNodeSelector" : "", // (Optional) The roc
"treePanelChildNodeList" : [
  {
    "id" : "",
    "nodeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The node.
    "childNodesSelector" : "", // (Optional) Th
    "labelFormula" : "", // (Optional) The lab
    "icon" : "", // (Optional) The icon.
    "detailsDescription" : "", // (Optional) T
    "detailsDescriptionTranslations" : {
      "key" : ""
    }, // (Optional) The details description t
    "onDropActionReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The on drop action.
    "viewActionList" : [
      {
        "id" : "",
        "actionType" : "Execute", // (Optional
        "label" : "", // (Optional) The view a
        "labelTranslations" : {
          "key" : ""
        }, // (Optional) The view action label

```

```

"longDescription" : "", // (Optional)
"longDescriptionTranslations" : {
  "key" : ""
}, // (Optional) The view action long
"actionReference" : {
  "id" : "", // (Optional) The id.
  "name" : "" // (Optional) The name.
}, // (Optional) The action named refe
"externalPanelEndpoint" : "", // (Opti
"externalAppProperty" : "",
"targetAnchorName" : "", // (Optional)
"targetAnchorFormula" : "", // (Option
"icon" : "", // (Optional) The icon.
"showRulesList" : [
  {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name
  },
  ...
], // (Optional) The rules to show ind
"showRulesforNodes" : "", // (Optional
"visibility" : "", // (Optional) The v
"viewRoleList" : [
  "",
  ...
] // (Optional) The list of roles.
},
...
], // (Optional) The child view action lis
"viewFieldList" : [
  {
    "id" : "",
    "label" : "", // (Optional) The view d
    "fieldType" : "Attribute", // (Optiona
    "labelTranslations" : {
      "key" : ""
    }, // (Optional) The view data content
    "editable" : false, // (Optional) Whet
    "attributeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The attribute named r
    "portReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The port named refere
    "expression" : "", // (Optional) The e
    "domainReference" : {

```

```

    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The domain named refe
  "actionReference" : {
    "id" : "", // (Optional) The id.
    "name" : "" // (Optional) The name.
  }, // (Optional) The action named refe
  "viewActionList" : [
    {
      "id" : "",
      "actionType" : "Execute", // (Opti
      "label" : "", // (Optional) The vi
      "labelTranslations" : {
        "key" : ""
      }, // (Optional) The view action l
      "longDescription" : "", // (Option
      "longDescriptionTranslations" : {
        "key" : ""
      }, // (Optional) The view action l
      "actionReference" : {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The na
      }, // (Optional) The action named
      "externalPanelEndpoint" : "", // (
      "externalAppProperty" : "",
      "targetAnchorName" : "", // (Optic
      "targetAnchorFormula" : "", // (Op
      "icon" : "", // (Optional) The icc
      "showRulesList" : [
        {
          "id" : "", // (Optional) The i
          "name" : "" // (Optional) The
        },
        ...
      ], // (Optional) The rules to show
      "showRulesforNodes" : "", // (Opti
      "visibility" : "", // (Optional) T
      "viewRoleList" : [
        "",
        ...
      ] // (Optional) The list of roles.
    },
    ...
  ], // (Optional) The view column actio
  "connectedPropertyReference" : "", //
  "longDescription" : "", // (Optional)
  "longDescriptionTranslations" : {
    "key" : ""
  }

```

```

    }, // (Optional) The view data content
    "fixedWidth" : 1, // (Optional) The fi
    "showRulesList" : [
        {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name
        },
        ...
    ], // (Optional) The rules to show ind
    "showRulesforNodes" : "", // (Optional
    "visibility" : "", // (Optional) The v
    "viewRoleList" : [
        "",
        ...
    ] // (Optional) The list of roles
    },
    ...
] // (Optional) The child view data column
},
...
], // (Optional) The child node definition lis
"longDescription" : "", // (Optional) The view
"longDescriptionTranslations" : {
    "key" : ""
}, // (Optional) The view panel long descripti
"floorPlanSelectionId" : "", // (Optional) The
"floorPlanColumns" : "", // (Optional) The vis
"visualizationSettings" : {
    "layoutPlanning" : false,
    "aspectRatio" : "",
    "buttons" : "",
    "caption" : "",
    "captionTranslations" : {
        "key" : ""
    },
    "showDescription" : false,
    "showBorder" : false
}, // (Optional) Visualization panel settings.
"aspectRatio" : "", // (Optional) Aspect Ratio
"showDescription" : false, // (Optional) Wheth
"allowFullscreen" : false, // (Optional) Wheth
"externalPanelEndpoint" : "", // (Optional) Th
"externalPanelProperty" : "", // (Optional) Th
"showOnPagesReferenceList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    },

```

```

        ...
    ], // (Optional) The list of pages for which t
    "showRulesList" : [
        {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        },
        ...
    ], // (Optional) The rules to show for this pa
    "showRulesforNodes" : "", // (Optional) Formul
    "visibility" : "", // (Optional) The visibilit
    "viewRoleList" : [
        "",
        ...
    ] // (Optional) The list of roles.
}, // (Optional) When panel type is "TablePanel"
"visibility" : "", // (Optional) The visibility
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles.
},
...
], // (Optional) The list of view sidebar tab panels
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The rules to show indicators for th
"showRulesforNodes" : "", // (Optional) Formula to s
"visibility" : "", // (Optional) The visibility foru
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles
},
...
], // (Optional) The list if view sidebar tabs.
"viewExternalAppList" : [
    {
        "id" : "",
        "description" : "", // (Optional) The view external
        "descriptionTranslations" : {
            "key" : ""
        }, // (Optional) The view external app description t
        "externalAppEndpoint" : "", // (Optional) The extern

```

```

        "externalAppProperty" : "" // (Optional) The externa
    },
    ...
], // (Optional) The list of external apps. Used when st
"showRulesList" : [
    {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
    },
    ...
], // (Optional) The rules to show indicators for this s
"showRulesforNodes" : "", // (Optional) Formula to selec
"visibility" : "", // (Optional) The visibility formul.
"viewRoleList" : [
    "",
    ...
] // (Optional) The list of roles.
},
...
] // (Optional) The list of steps.
}, // (Optional) The view of the model.
"outputList" : [
    {
        "id" : "",
        "attributeReference" : {
            "id" : "", // (Optional) The id.
            "name" : "" // (Optional) The name.
        }, // (Optional) The source model attribute named referenc
        "contextReferenceList" : [
            {
                "object" : "", // (Optional) The context object.
                "attribute" : "" // (Optional) The context attribute.
            },
            ...
        ], // (Optional) The target context reference. Supported c
        "useModelAttributeDescription" : false // (Optional) Wheth
    },
    ...
], // (Optional) The outputs of the model.
"bomDefinition" : {
    "rootNodeSelector" : "", // (Optional) The root node selecto
    "allowDuplicates" : false, // (Optional) Whether to allow du
    "nodeBomStructureList" : [
        {
            "id" : "", // (Optional) The Node Bom Structure id.
            "nodeReference" : {
                "id" : "", // (Optional) The id.
                "name" : "" // (Optional) The name.
            }
        }
    ]
}

```

```

    }, // (Optional) The model node.
    "childNodesSelector" : "", // (Optional) A child node sel
    "bomMappingFormula" : "", // (Optional) A BoM mapping fo
    "bomAttachingFormula" : "", // (Optional) A BoM attachin
    "descendantBomMapperOverrideFormula" : "" // (Optional)
  },
  ...
] // (Optional) The list of BoM node structures
}, // (Optional) The BoM definition of the model.
"summarySectionList" : [
  {
    "id" : "",
    "description" : "", // (Optional) The summary section desc
    "descriptionTranslations" : {
      "key" : ""
    }, // (Optional) The summary section description translati
    "sectionType" : "Network", // (Optional) The summary secti
    "nodeReference" : {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    }, // (Optional) The summary section node named reference.
    "attributesList" : [
      {
        "id" : "", // (Optional) The id.
        "name" : "" // (Optional) The name.
      },
      ...
    ], // (Optional) The summary section attributes. "Identifi
    "subConfigurationParameterType" : "Committed" // (Optional)
  },
  ...
], // (Optional) The Summary Sections of the model.
"screenshotList" : [
  {
    "id" : "",
    "name" : ""
  },
  ...
], // (Optional) The screenshots of the model.
"signatureList" : [
  {
    "id" : "",
    "name" : "",
    "scope" : "System", // (Optional) The signature scope. All
    "partList" : [
      {
        "id" : "",
        "name" : "",

```

```

        "formula" : "" // (Optional) The formula.
    },
    ...
] // (Optional) The signature parts.
},
...
], // (Optional) The signatures of the model.
"designatedQtyAttribute" : "" // (Optional) The name of the de
},
...
], // (Optional) The system model list.
"removeNotReplaced" : false // (Optional) Set to true to remove ex
}

```

## BulkImportOutput

---

A bulk output.

```

JSON XML
{
  "networkModelReferenceList" : [
    {
      "id" : "", // (Optional) The id.
      "name" : "" // (Optional) The name.
    },
    ...
  ] // (Optional) The system model named reference list.
}

```