

## **Vishnu 1.2.0 Web Services Reference**



**COLLABORATORS**

	<i>TITLE :</i> Vishnu 1.2.0 Web Services Reference		
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## 1 Description

This document contains Web Service descriptions for the following services.

## 2 Web Services

### 3 VishnuUMSService Web Service

#### 3.1 Type

SOAP

#### 3.2 Style

Document

#### 3.3 See Also

[Methods](#) , [Simple Types](#) , [Elements](#) , [Attributes](#) ,

#### 3.4 Methods: VishnuUMSService

##### 3.4.1 Methods

##### 3.4.2 Method: addLocalAccount

###### 3.4.2.1 Description

adds a new local user configuration

###### 3.4.2.2 Action

###### 3.4.2.3 Style

Document

###### 3.4.2.4 Input (Literal)

The input of this method is the document element [tns:addLocalAccountRequest](#) having the structure defined by the following table.

###### 3.4.2.5 Output (Literal)

The output of this method is the document element [tns:addLocalAccountResponse](#) having the structure defined by the following table.

#### 3.4.2.6 Faults

### 3.4.3 Method: changePassword

#### 3.4.3.1 Description

changes the password

#### 3.4.3.2 Action

#### 3.4.3.3 Style

Document

#### 3.4.3.4 Input (Literal)

The input of this method is the document element **tns:changePasswordRequest** having the structure defined by the following table.

#### 3.4.3.5 Output (Literal)

The output of this method is the document element **tns:changePasswordResponse** that is always empty.

#### 3.4.3.6 Faults

### 3.4.4 Method: close

#### 3.4.4.1 Description

closes the session

#### 3.4.4.2 Action

#### 3.4.4.3 Style

Document

#### 3.4.4.4 Input (Literal)

The input of this method is the document element **tns:closeRequest** having the structure defined by the following table.

#### 3.4.4.5 Output (Literal)

The output of this method is the document element **tns:closeResponse** that is always empty.

#### 3.4.4.6 Faults

### 3.4.5 Method: configureOption

#### 3.4.5.1 Description

configures an option of the user

### 3.4.5.2 Action

### 3.4.5.3 Style

Document

### 3.4.5.4 Input (Literal)

The input of this method is the document element `tns:configureOptionRequest` having the structure defined by the following table.

### 3.4.5.5 Output (Literal)

The output of this method is the document element `tns:configureOptionResponse` that is always empty.

### 3.4.5.6 Faults

## 3.4.6 Method: connect

### 3.4.6.1 Description

opens a session

### 3.4.6.2 Action

### 3.4.6.3 Style

Document

### 3.4.6.4 Input (Literal)

The input of this method is the document element `tns:connectRequest` having the structure defined by the following table.

### 3.4.6.5 Output (Literal)

The output of this method is the document element `tns:connectResponse` having the structure defined by the following table.

### 3.4.6.6 Faults

## 3.4.7 Method: deleteLocalAccount

### 3.4.7.1 Description

removes a local user configuration (for a given user on a given machine) from VISHNU

### 3.4.7.2 Action

### 3.4.7.3 Style

Document

### 3.4.7.4 Input (Literal)

The input of this method is the document element `tns:deleteLocalAccountRequest` having the structure defined by the following table.

### 3.4.7.5 Output (Literal)

The output of this method is the document element `tns:deleteLocalAccountResponse` that is always empty.

### 3.4.7.6 Faults

## 3.4.8 Method: listHistoryCmd

### 3.4.8.1 Description

lists the commands

### 3.4.8.2 Action

### 3.4.8.3 Style

Document

### 3.4.8.4 Input (Literal)

The input of this method is the document element `tns:listHistoryCmdRequest` having the structure defined by the following table.

### 3.4.8.5 Output (Literal)

The output of this method is the document element `tns:listHistoryCmdResponse` having the structure defined by the following table.

### 3.4.8.6 Faults

## 3.4.9 Method: listLocalAccount

### 3.4.9.1 Description

lists the local user configurations

### 3.4.9.2 Action

### 3.4.9.3 Style

Document

### 3.4.9.4 Input (Literal)

The input of this method is the document element `tns:listLocalAccountRequest` having the structure defined by the following table.

### 3.4.9.5 Output (Literal)

The output of this method is the document element `tns:listLocalAccountResponse` having the structure defined by the following table.



### 3.4.9.6 Faults

### 3.4.10 Method: listMachine

#### 3.4.10.1 Description

lists the machines that are accessible through VISHNU

#### 3.4.10.2 Action

#### 3.4.10.3 Style

Document

#### 3.4.10.4 Input (Literal)

The input of this method is the document element `tns:listMachineRequest` having the structure defined by the following table.

#### 3.4.10.5 Output (Literal)

The output of this method is the document element `tns:listMachineResponse` having the structure defined by the following table.

#### 3.4.10.6 Faults

### 3.4.11 Method: listOptions

#### 3.4.11.1 Description

lists the options of the user

#### 3.4.11.2 Action

#### 3.4.11.3 Style

Document

#### 3.4.11.4 Input (Literal)

The input of this method is the document element `tns:listOptionsRequest` having the structure defined by the following table.

#### 3.4.11.5 Output (Literal)

The output of this method is the document element `tns:listOptionsResponse` having the structure defined by the following table.

#### 3.4.11.6 Faults

### 3.4.12 Method: listSessions

#### 3.4.12.1 Description

lists all sessions of the user

#### 3.4.12.2 Action

#### 3.4.12.3 Style

Document

#### 3.4.12.4 Input (Literal)

The input of this method is the document element `tns:listSessionsRequest` having the structure defined by the following table.

#### 3.4.12.5 Output (Literal)

The output of this method is the document element `tns:listSessionsResponse` having the structure defined by the following table.

#### 3.4.12.6 Faults

### 3.4.13 Method: reconnect

#### 3.4.13.1 Description

reconnects to a session that is still active

#### 3.4.13.2 Action

#### 3.4.13.3 Style

Document

#### 3.4.13.4 Input (Literal)

The input of this method is the document element `tns:reconnectRequest` having the structure defined by the following table.

#### 3.4.13.5 Output (Literal)

The output of this method is the document element `tns:reconnectResponse` having the structure defined by the following table.

#### 3.4.13.6 Faults

### 3.4.14 Method: updateLocalAccount

#### 3.4.14.1 Description

updates a local user configuration

#### 3.4.14.2 Action

#### 3.4.14.3 Style

Document

#### 3.4.14.4 Input (Literal)

The input of this method is the document element `tns:updateLocalAccountRequest` having the structure defined by the following table.

#### 3.4.14.5 Output (Literal)

The output of this method is the document element `tns:updateLocalAccountResponse` that is always empty.

#### 3.4.14.6 Faults

### 3.5 Simple Types: VishnuUMSService

#### 3.5.1 Simple Types

#### 3.5.2 Simple Type: `tns:CommandStatusType`

##### 3.5.2.1 Derived By

Restricting `xs:string`

##### 3.5.2.2 Enumeration

##### 3.5.2.3 Referenced By

- Attribute `tns:status` [element `listHistoryCmdResponse/data/command`]

#### 3.5.3 Simple Type: `tns:SessionCloseType`

##### 3.5.3.1 Derived By

Restricting `xs:string`

##### 3.5.3.2 Enumeration

##### 3.5.3.3 Referenced By

- Element `tns:closePolicy` [element `connectRequest`]
- Element `tns:closePolicy` [element `connectResponse`]
- Element `tns:closePolicy` [element `reconnectResponse`]
- Element `tns:sessionClosePolicy` [element `listSessionsRequest`]
- Attribute `tns:closePolicy` [element `listSessionsResponse/data/session`]

#### 3.5.4 Simple Type: `tns:StatusType`

##### 3.5.4.1 Derived By

Restricting `xs:string`

##### 3.5.4.2 Enumeration

##### 3.5.4.3 Referenced By

- Element `tns:status` [element `connectResponse`]
- Element `tns:status` [element `listSessionsRequest`]
- Element `tns:status` [element `reconnectResponse`]
- Attribute `tns:status` [element `listMachineResponse/data/machine`]
- Attribute `tns:status` [element `listSessionsResponse/data/session`]

## 3.6 Elements: VishnuUMSService

### 3.6.1 Elements

#### 3.6.2 Element: tns:acLogin [element addLocalAccountRequest]

##### 3.6.2.1 Description

acLogin represents the login of the user on the associated machine

##### 3.6.2.2 Derived By

Type xs:string

##### 3.6.2.3 Referenced By

- Element [tns:addLocalAccountRequest](#)

#### 3.6.3 Element: tns:acLogin [element updateLocalAccountRequest]

##### 3.6.3.1 Description

acLogin represents the login of the user on the associated machine

##### 3.6.3.2 Derived By

Type xs:string

##### 3.6.3.3 Referenced By

- Element [tns:updateLocalAccountRequest](#)

#### 3.6.4 Element: tns:addLocalAccountRequest

##### 3.6.4.1 Derived By

Restricting xs:anyType

##### 3.6.4.2 Content Model

Contains elements as defined in the following table.

#### 3.6.5 Element: tns:addLocalAccountResponse

##### 3.6.5.1 Derived By

Restricting xs:anyType

##### 3.6.5.2 Content Model

Contains elements as defined in the following table.

### 3.6.6 Element: tns:adminListOption [element listHistoryCmdRequest]

#### 3.6.6.1 Description

is an admin option for listing all commands of all users

#### 3.6.6.2 Derived By

Type xs:boolean

#### 3.6.6.3 Referenced By

- Element [tns:listHistoryCmdRequest](#)

### 3.6.7 Element: tns:adminListOption [element listLocalAccountRequest]

#### 3.6.7.1 Description

is an admin option for listing all local configurations of all users

#### 3.6.7.2 Derived By

Type xs:boolean

#### 3.6.7.3 Referenced By

- Element [tns:listLocalAccountRequest](#)

### 3.6.8 Element: tns:adminListOption [element listSessionsRequest]

#### 3.6.8.1 Description

is an admin option for listing all sessions of all users

#### 3.6.8.2 Derived By

Type xs:boolean

#### 3.6.8.3 Referenced By

- Element [tns:listSessionsRequest](#)

### 3.6.9 Element: tns:changePasswordRequest

#### 3.6.9.1 Derived By

Restricting xs:anyType

#### 3.6.9.2 Content Model

Contains elements as defined in the following table.

**3.6.10 Element: tns:changePasswordResponse****3.6.10.1 Derived By**

Restricting xs:anyType

**3.6.10.2 Content Model**

Always empty.

**3.6.11 Element: tns:closePolicy [element connectRequest]****3.6.11.1 Description**

is an option for closing session automatically

**3.6.11.2 Derived By**

Type **tns:SessionCloseType**

**3.6.11.3 Enumeration****3.6.11.4 Referenced By**

- Element **tns:connectRequest**

**3.6.12 Element: tns:closePolicy [element connectResponse]****3.6.12.1 Description**

is the way to close the session

**3.6.12.2 Derived By**

Type **tns:SessionCloseType**

**3.6.12.3 Enumeration****3.6.12.4 Referenced By**

- Element **tns:connectResponse**

**3.6.13 Element: tns:closePolicy [element reconnectResponse]****3.6.13.1 Description**

is the way to close the session

**3.6.13.2 Derived By**

Type **tns:SessionCloseType**

### 3.6.13.3 Enumeration

### 3.6.13.4 Referenced By

- Element [tns:reconnectResponse](#)

### 3.6.14 Element: tns:closeRequest

#### 3.6.14.1 Derived By

Restricting xs:anyType

#### 3.6.14.2 Content Model

Contains elements as defined in the following table.

### 3.6.15 Element: tns:closeResponse

#### 3.6.15.1 Derived By

Restricting xs:anyType

#### 3.6.15.2 Content Model

Always empty.

### 3.6.16 Element: tns:command [element listHistoryCmdResponse/data]

#### 3.6.16.1 Derived By

Restricting xs:anyType

#### 3.6.16.2 Attributes

#### 3.6.16.3 Content Model

Always empty.

#### 3.6.16.4 Referenced By

- Element [tns:data \[element listHistoryCmdResponse\]](#)

### 3.6.17 Element: tns:COMMAND\_RUNNINGFault

#### 3.6.17.1 Derived By

Restricting xs:anyType

#### 3.6.17.2 Content Model

Always empty.

**3.6.18 Element: tns:configureOptionRequest****3.6.18.1 Derived By**

Restricting xs:anyType

**3.6.18.2 Content Model**

Contains elements as defined in the following table.

**3.6.19 Element: tns:configureOptionResponse****3.6.19.1 Derived By**

Restricting xs:anyType

**3.6.19.2 Content Model**

Always empty.

**3.6.20 Element: tns:connectRequest****3.6.20.1 Derived By**

Restricting xs:anyType

**3.6.20.2 Content Model**

Contains elements as defined in the following table.

**3.6.21 Element: tns:connectResponse****3.6.21.1 Derived By**

Restricting xs:anyType

**3.6.21.2 Content Model**

Contains elements as defined in the following table.

**3.6.22 Element: tns:data [element listHistoryCmdResponse]****3.6.22.1 Derived By**

Restricting xs:anyType

**3.6.22.2 Content Model**

Contains elements as defined in the following table.

**3.6.22.3 Referenced By**

- Element [tns:listHistoryCmdResponse](#)



**3.6.23 Element: tns:data [element listLocalAccountResponse]****3.6.23.1 Derived By**

Restricting xs:anyType

**3.6.23.2 Content Model**

Contains elements as defined in the following table.

**3.6.23.3 Referenced By**

- Element [tns:listLocalAccountResponse](#)

**3.6.24 Element: tns:data [element listMachineResponse]****3.6.24.1 Derived By**

Restricting xs:anyType

**3.6.24.2 Content Model**

Contains elements as defined in the following table.

**3.6.24.3 Referenced By**

- Element [tns:listMachineResponse](#)

**3.6.25 Element: tns:data [element listOptionsResponse]****3.6.25.1 Derived By**

Restricting xs:anyType

**3.6.25.2 Content Model**

Contains elements as defined in the following table.

**3.6.25.3 Referenced By**

- Element [tns:listOptionsResponse](#)

**3.6.26 Element: tns:data [element listSessionsResponse]****3.6.26.1 Derived By**

Restricting xs:anyType

**3.6.26.2 Content Model**

Contains elements as defined in the following table.

**3.6.26.3 Referenced By**

- Element [tns:listSessionsResponse](#)

**3.6.27 Element: tns:dateClosure [element connectResponse]****3.6.27.1 Description**

is the date of the closure of the session (the UNIX timestamps is used)

**3.6.27.2 Derived By**

Type xs:long

**3.6.27.3 Referenced By**

- Element [tns:connectResponse](#)

**3.6.28 Element: tns:dateClosure [element reconnectResponse]****3.6.28.1 Description**

is the date of the closure of the session (the UNIX timestamps is used)

**3.6.28.2 Derived By**

Type xs:long

**3.6.28.3 Referenced By**

- Element [tns:reconnectResponse](#)

**3.6.29 Element: tns:dateCreation [element connectResponse]****3.6.29.1 Description**

is the date of the first connection to the session (the UNIX timestamps is used)

**3.6.29.2 Derived By**

Type xs:long

**3.6.29.3 Referenced By**

- Element [tns:connectResponse](#)

**3.6.30 Element: tns:dateCreation [element reconnectResponse]****3.6.30.1 Description**

is the date of the first connection to the session (the UNIX timestamps is used)

**3.6.30.2 Derived By**

Type xs:long

**3.6.30.3 Referenced By**

- Element [tns:reconnectResponse](#)

**3.6.31 Element: tns:dateLastConnect [element connectResponse]****3.6.31.1 Description**

is the date of the last connection to the session (the UNIX timestamps is used)

**3.6.31.2 Derived By**

Type xs:long

**3.6.31.3 Referenced By**

- Element [tns:connectResponse](#)

**3.6.32 Element: tns:dateLastConnect [element reconnectResponse]****3.6.32.1 Description**

is the date of the last connection to the session (the UNIX timestamps is used)

**3.6.32.2 Derived By**

Type xs:long

**3.6.32.3 Referenced By**

- Element [tns:reconnectResponse](#)

**3.6.33 Element: tns:DBCONNFault****3.6.33.1 Derived By**

Restricting xs:anyType

**3.6.33.2 Content Model**

Always empty.

**3.6.34 Element: tns:DBERRFault****3.6.34.1 Derived By**

Restricting xs:anyType

### 3.6.34.2 Content Model

Always empty.

### 3.6.35 Element: `tns:deleteLocalAccountRequest`

#### 3.6.35.1 Derived By

Restricting `xs:anyType`

#### 3.6.35.2 Content Model

Contains elements as defined in the following table.

### 3.6.36 Element: `tns:deleteLocalAccountResponse`

#### 3.6.36.1 Derived By

Restricting `xs:anyType`

#### 3.6.36.2 Content Model

Always empty.

### 3.6.37 Element: `tns:DIETFault`

#### 3.6.37.1 Derived By

Restricting `xs:anyType`

#### 3.6.37.2 Content Model

Always empty.

### 3.6.38 Element: `tns:endDateOption` [element `listHistoryCmdRequest`]

#### 3.6.38.1 Description

allows the user to organize the commands listed by providing the end date (the timestamp of the end date is used). By default, the end date is the current day

#### 3.6.38.2 Derived By

Type `xs:long`

#### 3.6.38.3 Referenced By

- Element `tns:listHistoryCmdRequest`

**3.6.39 Element: tns:endDateOption [element listSessionsRequest]****3.6.39.1 Description**

allows the user to organize the commands listed by providing the end date (the timestamp of the end date is used). By default, the end date is the current day

**3.6.39.2 Derived By**

Type xs:long

**3.6.39.3 Referenced By**

- Element [tns:listSessionsRequest](#)

**3.6.40 Element: tns:homeDirectory [element addLocalAccountRequest]****3.6.40.1 Description**

HomeDirectory is the path of the home directory of the user on the associated machine

**3.6.40.2 Derived By**

Type xs:string

**3.6.40.3 Referenced By**

- Element [tns:addLocalAccountRequest](#)

**3.6.41 Element: tns:homeDirectory [element updateLocalAccountRequest]****3.6.41.1 Description**

HomeDirectory is the path of the home directory of the user on the associated machine

**3.6.41.2 Derived By**

Type xs:string

**3.6.41.3 Referenced By**

- Element [tns:updateLocalAccountRequest](#)

**3.6.42 Element: tns:INCORRECT\_TIMEOUTFault****3.6.42.1 Derived By**

Restricting xs:anyType

**3.6.42.2 Content Model**

Always empty.

**3.6.43 Element: tns:INVALID\_MAIL\_ADRESSFault****3.6.43.1 Derived By**

Restricting xs:anyType

**3.6.43.2 Content Model**

Always empty.

**3.6.44 Element: tns:listAllDefValue [element listOptionsRequest]****3.6.44.1 Description**

is an option for listing all default option values defined by VISHNU administrator

**3.6.44.2 Derived By**

Type xs:boolean

**3.6.44.3 Referenced By**

- Element [tns:listOptionsRequest](#)

**3.6.45 Element: tns:listAllmachine [element listMachineRequest]****3.6.45.1 Description**

is an option for listing all VISHNU machines

**3.6.45.2 Derived By**

Type xs:boolean

**3.6.45.3 Referenced By**

- Element [tns:listMachineRequest](#)

**3.6.46 Element: tns:listHistoryCmdRequest****3.6.46.1 Derived By**

Restricting xs:anyType

**3.6.46.2 Content Model**

Contains elements as defined in the following table.

**3.6.47 Element: tns:listHistoryCmdResponse****3.6.47.1 Derived By**

Restricting xs:anyType

**3.6.47.2 Content Model**

Contains elements as defined in the following table.

**3.6.48 Element: tns:listLocalAccountRequest****3.6.48.1 Derived By**

Restricting xs:anyType

**3.6.48.2 Content Model**

Contains elements as defined in the following table.

**3.6.49 Element: tns:listLocalAccountResponse****3.6.49.1 Derived By**

Restricting xs:anyType

**3.6.49.2 Content Model**

Contains elements as defined in the following table.

**3.6.50 Element: tns:listMachineRequest****3.6.50.1 Derived By**

Restricting xs:anyType

**3.6.50.2 Content Model**

Contains elements as defined in the following table.

**3.6.51 Element: tns:listMachineResponse****3.6.51.1 Derived By**

Restricting xs:anyType

**3.6.51.2 Content Model**

Contains elements as defined in the following table.

**3.6.52 Element: tns:listOptionsRequest****3.6.52.1 Derived By**

Restricting xs:anyType

**3.6.52.2 Content Model**

Contains elements as defined in the following table.

**3.6.53 Element: tns:listOptionsResponse****3.6.53.1 Derived By**

Restricting xs:anyType

**3.6.53.2 Content Model**

Contains elements as defined in the following table.

**3.6.54 Element: tns:listSessionsRequest****3.6.54.1 Derived By**

Restricting xs:anyType

**3.6.54.2 Content Model**

Contains elements as defined in the following table.

**3.6.55 Element: tns:listSessionsResponse****3.6.55.1 Derived By**

Restricting xs:anyType

**3.6.55.2 Content Model**

Contains elements as defined in the following table.

**3.6.56 Element: tns:LOCAL\_ACCOUNT\_EXISTFault****3.6.56.1 Derived By**

Restricting xs:anyType

**3.6.56.2 Content Model**

Always empty.

**3.6.57 Element: tns:localaccount [element listLocalAccountResponse/data]****3.6.57.1 Derived By**

Restricting xs:anyType

**3.6.57.2 Attributes****3.6.57.3 Content Model**

Always empty.



**3.6.57.4 Referenced By**

- Element **tns:data** [element listLocalAccountResponse]

**3.6.58 Element: tns:LOGIN\_ALREADY\_USEDFault****3.6.58.1 Derived By**

Restricting xs:anyType

**3.6.58.2 Content Model**

Always empty.

**3.6.59 Element: tns:machine [element listMachineResponse/data]****3.6.59.1 Derived By**

Restricting xs:anyType

**3.6.59.2 Attributes****3.6.59.3 Content Model**

Always empty.

**3.6.59.4 Referenced By**

- Element **tns:data** [element listMachineResponse]

**3.6.60 Element: tns:MACHINE\_ALREADY\_LOCKEDFault****3.6.60.1 Derived By**

Restricting xs:anyType

**3.6.60.2 Content Model**

Always empty.

**3.6.61 Element: tns:MACHINE\_EXISTINGFault****3.6.61.1 Derived By**

Restricting xs:anyType

**3.6.61.2 Content Model**

Always empty.

**3.6.62 Element: tns:MACHINE\_LOCKEDFault****3.6.62.1 Derived By**

Restricting xs:anyType

**3.6.62.2 Content Model**

Always empty.

**3.6.63 Element: tns:machineId [element addLocalAccountRequest]****3.6.63.1 Description**

The MachineId represents the identifier of the machine associated to the local user configuration

**3.6.63.2 Derived By**

Type xs:string

**3.6.63.3 Referenced By**

- Element [tns:addLocalAccountRequest](#)

**3.6.64 Element: tns:machineId [element deleteLocalAccountRequest]****3.6.64.1 Description**

machineId represents the identifier of the machine whose local configuration will be deleted for the given user

**3.6.64.2 Derived By**

Type xs:string

**3.6.64.3 Referenced By**

- Element [tns:deleteLocalAccountRequest](#)

**3.6.65 Element: tns:machineId [element listLocalAccountRequest]****3.6.65.1 Description**

is an option for listing local user configurations on a specific machine

**3.6.65.2 Derived By**

Type xs:string

**3.6.65.3 Referenced By**

- Element [tns:listLocalAccountRequest](#)

**3.6.66 Element: tns:machineId [element listMachineRequest]****3.6.66.1 Description**

is an option for listing information about a specific machine

**3.6.66.2 Derived By**

Type xs:string

**3.6.66.3 Referenced By**

- Element [tns:listMachineRequest](#)

**3.6.67 Element: tns:machineId [element listSessionsRequest]****3.6.67.1 Description**

allows the user to list sessions opened on a specific machine

**3.6.67.2 Derived By**

Type xs:string

**3.6.67.3 Referenced By**

- Element [tns:listSessionsRequest](#)

**3.6.68 Element: tns:machineId [element updateLocalAccountRequest]****3.6.68.1 Description**

The MachineId represents the identifier of the machine associated to the local user configuration

**3.6.68.2 Derived By**

Type xs:string

**3.6.68.3 Referenced By**

- Element [tns:updateLocalAccountRequest](#)

**3.6.69 Element: tns:NO\_ADMINFault****3.6.69.1 Derived By**

Restricting xs:anyType

**3.6.69.2 Content Model**

Always empty.

**3.6.70 Element: tns:optionName [element configureOptionRequest]****3.6.70.1 Description**

represents the name of an option

**3.6.70.2 Derived By**

Type xs:string

**3.6.70.3 Referenced By**

- Element [tns:configureOptionRequest](#)

**3.6.71 Element: tns:optionName [element listOptionsRequest]****3.6.71.1 Description**

allows the user to get the value of a specific option identified by its name

**3.6.71.2 Derived By**

Type xs:string

**3.6.71.3 Referenced By**

- Element [tns:listOptionsRequest](#)

**3.6.72 Element: tns:optionvalue [element listOptionsResponse/data]****3.6.72.1 Derived By**

Restricting xs:anyType

**3.6.72.2 Attributes****3.6.72.3 Content Model**

Always empty.

**3.6.72.4 Referenced By**

- Element [tns:data \[element listOptionsResponse\]](#)

**3.6.73 Element: tns:password [element changePasswordRequest]****3.6.73.1 Description**

password represents the password of the user

**3.6.73.2 Derived By**

Type xs:string

**3.6.73.3 Referenced By**

- Element [tns:changePasswordRequest](#)

**3.6.74 Element: tns:password [element connectRequest]****3.6.74.1 Description**

password represents the password of the user

**3.6.74.2 Derived By**

Type xs:string

**3.6.74.3 Referenced By**

- Element [tns:connectRequest](#)

**3.6.75 Element: tns:password [element reconnectRequest]****3.6.75.1 Description**

password represents the password of the user

**3.6.75.2 Derived By**

Type xs:string

**3.6.75.3 Referenced By**

- Element [tns:reconnectRequest](#)

**3.6.76 Element: tns:passwordNew [element changePasswordRequest]****3.6.76.1 Description**

passwordNew represents the new password of the user

**3.6.76.2 Derived By**

Type xs:string

**3.6.76.3 Referenced By**

- Element [tns:changePasswordRequest](#)

**3.6.77 Element: tns:reconnectRequest****3.6.77.1 Derived By**

Restricting xs:anyType

### 3.6.77.2 Content Model

Contains elements as defined in the following table.

### 3.6.78 Element: tns:reconnectResponse

#### 3.6.78.1 Derived By

Restricting xs:anyType

#### 3.6.78.2 Content Model

Contains elements as defined in the following table.

### 3.6.79 Element: tns:RESTORE\_CONFIG\_ERRORFault

#### 3.6.79.1 Derived By

Restricting xs:anyType

#### 3.6.79.2 Content Model

Always empty.

### 3.6.80 Element: tns:ROOT\_USER\_ONLYFault

#### 3.6.80.1 Derived By

Restricting xs:anyType

#### 3.6.80.2 Content Model

Always empty.

### 3.6.81 Element: tns:SAVE\_CONFIG\_ERRORFault

#### 3.6.81.1 Derived By

Restricting xs:anyType

#### 3.6.81.2 Content Model

Always empty.

### 3.6.82 Element: tns:session [element listSessionsResponse/data]

#### 3.6.82.1 Derived By

Restricting xs:anyType

### 3.6.82.2 Attributes

### 3.6.82.3 Content Model

Always empty.

### 3.6.82.4 Referenced By

- Element [tns:data \[element listSessionsResponse\]](#)

## 3.6.83 Element: [tns:sessionClosePolicy \[element listSessionsRequest\]](#)

### 3.6.83.1 Description

specifies the closure mode of the sessions which will be listed (CLOSE\_ON\_TIMEOUT or CLOSE\_ON\_DISCONNECT)

### 3.6.83.2 Derived By

Type [tns:SessionCloseType](#)

### 3.6.83.3 Enumeration

### 3.6.83.4 Referenced By

- Element [tns:listSessionsRequest](#)

## 3.6.84 Element: [tns:sessionId \[element connectResponse\]](#)

### 3.6.84.1 Description

represents the VISHNU session identifier of the session

### 3.6.84.2 Derived By

Type xs:string

### 3.6.84.3 Referenced By

- Element [tns:connectResponse](#)

## 3.6.85 Element: [tns:sessionId \[element listHistoryCmdRequest\]](#)

### 3.6.85.1 Description

lists all commands launched within a specific session

### 3.6.85.2 Derived By

Type xs:string

### 3.6.85.3 Referenced By

- Element [tns:listHistoryCmdRequest](#)

**3.6.86 Element: tns:sessionId [element listSessionsRequest]****3.6.86.1 Description**

allows the user to list all commands launched within a specific session

**3.6.86.2 Derived By**

Type xs:string

**3.6.86.3 Referenced By**

- Element [tns:listSessionsRequest](#)

**3.6.87 Element: tns:sessionId [element reconnectRequest]****3.6.87.1 Description**

sessionId is the identifier of the session defined in the database

**3.6.87.2 Derived By**

Type xs:string

**3.6.87.3 Referenced By**

- Element [tns:reconnectRequest](#)

**3.6.88 Element: tns:sessionId [element reconnectResponse]****3.6.88.1 Description**

represents the VISHNU session identifier of the session

**3.6.88.2 Derived By**

Type xs:string

**3.6.88.3 Referenced By**

- Element [tns:reconnectResponse](#)

**3.6.89 Element: tns:sessionInactivityDelay [element connectRequest]****3.6.89.1 Description**

is the maximum delay in seconds between two user requests when the CLOSE\_ON\_TIMEOUT policy is set

**3.6.89.2 Derived By**

Type xs:integer



**3.6.89.3 Referenced By**

- Element [tns:connectRequest](#)

**3.6.90 Element: tns:sessionInactivityDelay [element listSessionsRequest]****3.6.90.1 Description**

specifies the inactivity delay in seconds of the sessions which will be listed

**3.6.90.2 Derived By**

Type xs:integer

**3.6.90.3 Referenced By**

- Element [tns:listSessionsRequest](#)

**3.6.91 Element: tns:sessionKey [element addLocalAccountRequest]****3.6.91.1 Description**

The sessionKey is the encrypted identifier of the session generated by VISHNU

**3.6.91.2 Derived By**

Type xs:string

**3.6.91.3 Referenced By**

- Element [tns:addLocalAccountRequest](#)

**3.6.92 Element: tns:sessionKey [element closeRequest]****3.6.92.1 Description**

The sessionKey is the encrypted identifier of the session generated by VISHNU

**3.6.92.2 Derived By**

Type xs:string

**3.6.92.3 Referenced By**

- Element [tns:closeRequest](#)

**3.6.93 Element: tns:sessionKey [element configureOptionRequest]****3.6.93.1 Description**

The sessionKey is the encrypted identifier of the session generated by VISHNU

**3.6.93.2 Derived By**

Type xs:string

**3.6.93.3 Referenced By**

- Element [tns:configureOptionRequest](#)

**3.6.94 Element: tns:sessionKey [element connectResponse]****3.6.94.1 Description**

is the key of the session generated by VISHNU

**3.6.94.2 Derived By**

Type xs:string

**3.6.94.3 Referenced By**

- Element [tns:connectResponse](#)

**3.6.95 Element: tns:sessionKey [element deleteLocalAccountRequest]****3.6.95.1 Description**

The sessionKey is the encrypted identifier of the session generated by VISHNU

**3.6.95.2 Derived By**

Type xs:string

**3.6.95.3 Referenced By**

- Element [tns:deleteLocalAccountRequest](#)

**3.6.96 Element: tns:sessionKey [element listHistoryCmdRequest]****3.6.96.1 Description**

The sessionKey is the encrypted identifier of the session generated by VISHNU

**3.6.96.2 Derived By**

Type xs:string

**3.6.96.3 Referenced By**

- Element [tns:listHistoryCmdRequest](#)

**3.6.97 Element: tns:sessionKey [element listLocalAccountRequest]****3.6.97.1 Description**

The sessionKey is the encrypted identifier of the session generated by VISHNU

**3.6.97.2 Derived By**

Type xs:string

**3.6.97.3 Referenced By**

- Element [tns:listLocalAccountRequest](#)

**3.6.98 Element: tns:sessionKey [element listMachineRequest]****3.6.98.1 Description**

The sessionKey is the encrypted identifier of the session generated by VISHNU

**3.6.98.2 Derived By**

Type xs:string

**3.6.98.3 Referenced By**

- Element [tns:listMachineRequest](#)

**3.6.99 Element: tns:sessionKey [element listOptionsRequest]****3.6.99.1 Description**

The sessionKey is the identifier of the session generated by VISHNU

**3.6.99.2 Derived By**

Type xs:string

**3.6.99.3 Referenced By**

- Element [tns:listOptionsRequest](#)

**3.6.100 Element: tns:sessionKey [element listSessionsRequest]****3.6.100.1 Description**

The sessionKey is the encrypted identifier of the session generated by VISHNU

**3.6.100.2 Derived By**

Type xs:string

**3.6.100.3 Referenced By**

- Element [tns:listSessionsRequest](#)

**3.6.101 Element: tns:sessionKey [element reconnectResponse]****3.6.101.1 Description**

is the key of the session generated by VISHNU

**3.6.101.2 Derived By**

Type xs:string

**3.6.101.3 Referenced By**

- Element [tns:reconnectResponse](#)

**3.6.102 Element: tns:sessionKey [element updateLocalAccountRequest]****3.6.102.1 Description**

The sessionKey is the encrypted identifier of the session generated by VISHNU

**3.6.102.2 Derived By**

Type xs:string

**3.6.102.3 Referenced By**

- Element [tns:updateLocalAccountRequest](#)

**3.6.103 Element: tns:SESSIONKEY\_EXPIREDFault****3.6.103.1 Derived By**

Restricting xs:anyType

**3.6.103.2 Content Model**

Always empty.

**3.6.104 Element: tns:SESSIONKEY\_NOT\_FOUNDFault****3.6.104.1 Derived By**

Restricting xs:anyType

**3.6.104.2 Content Model**

Always empty.

**3.6.105 Element: tns:sshKeyPath [element addLocalAccountRequest]****3.6.105.1 Description**

sshKeyPath is the path of the ssh key of the user on the associated machine

**3.6.105.2 Derived By**

Type xs:string

**3.6.105.3 Referenced By**

- Element [tns:addLocalAccountRequest](#)

**3.6.106 Element: tns:sshKeyPath [element updateLocalAccountRequest]****3.6.106.1 Description**

sshKeyPath is the path of the ssh key of the user on the associated machine

**3.6.106.2 Derived By**

Type xs:string

**3.6.106.3 Referenced By**

- Element [tns:updateLocalAccountRequest](#)

**3.6.107 Element: tns:sshPublicKey [element addLocalAccountResponse]****3.6.107.1 Description**

The SSH public key generated by VISHNU for accessing a local account

**3.6.107.2 Derived By**

Type xs:string

**3.6.107.3 Referenced By**

- Element [tns:addLocalAccountResponse](#)

**3.6.108 Element: tns:startDateOption [element listHistoryCmdRequest]****3.6.108.1 Description**

allows the user to organize the commands listed by providing the start date (the UNIX timestamp of the start date is used)

**3.6.108.2 Derived By**

Type xs:long

**3.6.108.3 Referenced By**

- Element [tns:listHistoryCmdRequest](#)

**3.6.109 Element: tns:startDateOption [element listSessionsRequest]****3.6.109.1 Description**

allows the user to organize the commands listed by providing the start date (the UNIX timestamp of the start date is used)

**3.6.109.2 Derived By**

Type [xs:long](#)

**3.6.109.3 Referenced By**

- Element [tns:listSessionsRequest](#)

**3.6.110 Element: tns:status [element connectResponse]****3.6.110.1 Description**

represents the status of the session

**3.6.110.2 Derived By**

Type [tns:StatusType](#)

**3.6.110.3 Enumeration****3.6.110.4 Referenced By**

- Element [tns:connectResponse](#)

**3.6.111 Element: tns:status [element listSessionsRequest]****3.6.111.1 Description**

specifies the status of the sessions which will be listed

**3.6.111.2 Derived By**

Type [tns:StatusType](#)

**3.6.111.3 Enumeration****3.6.111.4 Referenced By**

- Element [tns:listSessionsRequest](#)

**3.6.112 Element: tns:status [element reconnectResponse]****3.6.112.1 Description**

represents the status of the session

**3.6.112.2 Derived By**

Type **tns:StatusType**

**3.6.112.3 Enumeration****3.6.112.4 Referenced By**

- Element **tns:reconnectResponse**

**3.6.113 Element: tns:substituteUserId [element connectRequest]****3.6.113.1 Description**

is an admin option which allows an admin to open a session as if she was another user identified by her userId

**3.6.113.2 Derived By**

Type xs:string

**3.6.113.3 Referenced By**

- Element **tns:connectRequest**

**3.6.114 Element: tns:SYSTEMFault****3.6.114.1 Derived By**

Restricting xs:anyType

**3.6.114.2 Content Model**

Always empty.

**3.6.115 Element: tns:TEMPORARY\_PASSWORDFault****3.6.115.1 Derived By**

Restricting xs:anyType

**3.6.115.2 Content Model**

Always empty.

**3.6.116 Element: tns:timeout [element connectResponse]****3.6.116.1 Description**

is the inactivity delay in seconds associated to the CLOSE\_ON\_TIMEOUT option

**3.6.116.2 Derived By**

Type xs:long

**3.6.116.3 Referenced By**

- Element [tns:connectResponse](#)

**3.6.117 Element: tns:timeout [element reconnectResponse]****3.6.117.1 Description**

is the inactivity delay in seconds associated to the CLOSE\_ON\_TIMEOUT option

**3.6.117.2 Derived By**

Type xs:long

**3.6.117.3 Referenced By**

- Element [tns:reconnectResponse](#)

**3.6.118 Element: tns:UNDEFINEDFault****3.6.118.1 Derived By**

Restricting xs:anyType

**3.6.118.2 Content Model**

Always empty.

**3.6.119 Element: tns:UNKNOWN\_CLOSURE\_MODEFault****3.6.119.1 Derived By**

Restricting xs:anyType

**3.6.119.2 Content Model**

Always empty.

**3.6.120 Element: tns:UNKNOWN\_LOCAL\_ACCOUNTFault****3.6.120.1 Derived By**

Restricting xs:anyType



**3.6.120.2 Content Model**

Always empty.

**3.6.121 Element: tns:UNKNOWN\_MACHINEFault****3.6.121.1 Derived By**

Restricting xs:anyType

**3.6.121.2 Content Model**

Always empty.

**3.6.122 Element: tns:UNKNOWN\_OPTIONFault****3.6.122.1 Derived By**

Restricting xs:anyType

**3.6.122.2 Content Model**

Always empty.

**3.6.123 Element: tns:UNKNOWN\_SESSION\_IDFault****3.6.123.1 Derived By**

Restricting xs:anyType

**3.6.123.2 Content Model**

Always empty.

**3.6.124 Element: tns:UNKNOWN\_USERFault****3.6.124.1 Derived By**

Restricting xs:anyType

**3.6.124.2 Content Model**

Always empty.

**3.6.125 Element: tns:UNKNOWN\_USERIDFault****3.6.125.1 Derived By**

Restricting xs:anyType

**3.6.125.2 Content Model**

Always empty.

**3.6.126 Element: tns:UNUSABLE\_MACHINEFault****3.6.126.1 Derived By**

Restricting xs:anyType

**3.6.126.2 Content Model**

Always empty.

**3.6.127 Element: tns:updateLocalAccountRequest****3.6.127.1 Derived By**

Restricting xs:anyType

**3.6.127.2 Content Model**

Contains elements as defined in the following table.

**3.6.128 Element: tns:updateLocalAccountResponse****3.6.128.1 Derived By**

Restricting xs:anyType

**3.6.128.2 Content Model**

Always empty.

**3.6.129 Element: tns:USER\_ALREADY\_LOCKEDFault****3.6.129.1 Derived By**

Restricting xs:anyType

**3.6.129.2 Content Model**

Always empty.

**3.6.130 Element: tns:USER\_LOCKEDFault****3.6.130.1 Derived By**

Restricting xs:anyType

**3.6.130.2 Content Model**

Always empty.

**3.6.131 Element: tns:userId [element addLocalAccountRequest]****3.6.131.1 Description**

The userId represents the VISHNU user identifier of the user of the local user configuration

**3.6.131.2 Derived By**

Type xs:string

**3.6.131.3 Referenced By**

- Element [tns:addLocalAccountRequest](#)

**3.6.132 Element: tns:userId [element changePasswordRequest]****3.6.132.1 Description**

userId represents the VISHNU user identifier

**3.6.132.2 Derived By**

Type xs:string

**3.6.132.3 Referenced By**

- Element [tns:changePasswordRequest](#)

**3.6.133 Element: tns:userId [element connectRequest]****3.6.133.1 Description**

userId represents the VISHNU user identifier

**3.6.133.2 Derived By**

Type xs:string

**3.6.133.3 Referenced By**

- Element [tns:connectRequest](#)

**3.6.134 Element: tns:userId [element connectResponse]****3.6.134.1 Description**

represents the VISHNU user identifier of the user who has opened the session

**3.6.134.2 Derived By**

Type xs:string

**3.6.134.3 Referenced By**

- Element [tns:connectResponse](#)

**3.6.135 Element: tns:userId [element deleteLocalAccountRequest]****3.6.135.1 Description**

userId represents the VISHNU user identifier of the user whose local configuration will be deleted for the given machine

**3.6.135.2 Derived By**

Type xs:string

**3.6.135.3 Referenced By**

- Element [tns:deleteLocalAccountRequest](#)

**3.6.136 Element: tns:userId [element listHistoryCmdRequest]****3.6.136.1 Description**

is an admin option for listing commands launched by a specific user identified by his/her userId

**3.6.136.2 Derived By**

Type xs:string

**3.6.136.3 Referenced By**

- Element [tns:listHistoryCmdRequest](#)

**3.6.137 Element: tns:userId [element listLocalAccountRequest]****3.6.137.1 Description**

is an admin option for listing the local configurations of a specific user

**3.6.137.2 Derived By**

Type xs:string

**3.6.137.3 Referenced By**

- Element [tns:listLocalAccountRequest](#)

**3.6.138 Element: tns:userId [element listMachineRequest]****3.6.138.1 Description**

is an admin option for listing machines in which a specific user has a local configuration

**3.6.138.2 Derived By**

Type xs:string

**3.6.138.3 Referenced By**

- Element [tns:listMachineRequest](#)

**3.6.139 Element: tns:userId [element listOptionsRequest]****3.6.139.1 Description**

is an admin option for listing the options of a specific user

**3.6.139.2 Derived By**

Type xs:string

**3.6.139.3 Referenced By**

- Element [tns:listOptionsRequest](#)

**3.6.140 Element: tns:userId [element listSessionsRequest]****3.6.140.1 Description**

is an admin option for listing sessions opened by a specific user

**3.6.140.2 Derived By**

Type xs:string

**3.6.140.3 Referenced By**

- Element [tns:listSessionsRequest](#)

**3.6.141 Element: tns:userId [element reconnectRequest]****3.6.141.1 Description**

userId represents the VISHNU user identifier

**3.6.141.2 Derived By**

Type xs:string

**3.6.141.3 Referenced By**

- Element [tns:reconnectRequest](#)

**3.6.142 Element: tns:userId [element reconnectResponse]****3.6.142.1 Description**

represents the VISHNU user identifier of the user who has opened the session

**3.6.142.2 Derived By**

Type xs:string

**3.6.142.3 Referenced By**

- Element [tns:reconnectResponse](#)

**3.6.143 Element: tns:userId [element updateLocalAccountRequest]****3.6.143.1 Description**

The userId represents the VISHNU user identifier of the user of the local user configuration

**3.6.143.2 Derived By**

Type xs:string

**3.6.143.3 Referenced By**

- Element [tns:updateLocalAccountRequest](#)

**3.6.144 Element: tns:USERID\_EXISTINGFault****3.6.144.1 Derived By**

Restricting xs:anyType

**3.6.144.2 Content Model**

Always empty.

**3.6.145 Element: tns:value [element configureOptionRequest]****3.6.145.1 Description**

represents the value of an option

**3.6.145.2 Derived By**

Type xs:string

**3.6.145.3 Referenced By**

- Element [tns:configureOptionRequest](#)

## 3.7 Attributes: VishnuUMSService

### 3.7.1 Attributes

#### 3.7.2 Attribute: tns:acLogin [element listLocalAccountResponse/data/localaccount]

##### 3.7.2.1 Description

accLogin represents the login of the user on the associated machine

##### 3.7.2.2 Derived By

Type xs:string

##### 3.7.2.3 Referenced By

- Element [tns:localaccount](#) [element listLocalAccountResponse/data]

#### 3.7.3 Attribute: tns:closePolicy [element listSessionsResponse/data/session]

##### 3.7.3.1 Description

is the way to close the session

##### 3.7.3.2 Derived By

Type [tns:SessionCloseType](#)

##### 3.7.3.3 Enumeration

##### 3.7.3.4 Referenced By

- Element [tns:session](#) [element listSessionsResponse/data]

#### 3.7.4 Attribute: tns:cmdDescription [element listHistoryCmdResponse/data/command]

##### 3.7.4.1 Description

cmdDescription is the description of the command

##### 3.7.4.2 Derived By

Type xs:string

##### 3.7.4.3 Referenced By

- Element [tns:command](#) [element listHistoryCmdResponse/data]

#### 3.7.5 Attribute: tns:cmdEndTime [element listHistoryCmdResponse/data/command]

##### 3.7.5.1 Description

cmdEndTime is the date of the command end (the UNIX timestamps is used)

### 3.7.5.2 Derived By

Type xs:long

### 3.7.5.3 Referenced By

- Element [tns:command](#) [element [listHistoryCmdResponse/data](#)]

### 3.7.6 Attribute: tns:cmdStartTime [element [listHistoryCmdResponse/data/command](#)]

#### 3.7.6.1 Description

cmdStartTime is the date of the command beginning (the UNIX timestamps is used)

#### 3.7.6.2 Derived By

Type xs:long

#### 3.7.6.3 Referenced By

- Element [tns:command](#) [element [listHistoryCmdResponse/data](#)]

### 3.7.7 Attribute: tns:commandId [element [listHistoryCmdResponse/data/command](#)]

#### 3.7.7.1 Description

is the identifier of a command

#### 3.7.7.2 Derived By

Type xs:string

#### 3.7.7.3 Referenced By

- Element [tns:command](#) [element [listHistoryCmdResponse/data](#)]

### 3.7.8 Attribute: tns:dateClosure [element [listSessionsResponse/data/session](#)]

#### 3.7.8.1 Description

is the date of the closure of the session (the UNIX timestamps is used)

#### 3.7.8.2 Derived By

Type xs:long

#### 3.7.8.3 Referenced By

- Element [tns:session](#) [element [listSessionsResponse/data](#)]



**3.7.9 Attribute: tns:dateCreation [element listSessionsResponse/data/session]****3.7.9.1 Description**

is the date of the first connection to the session (the UNIX timestamps is used)

**3.7.9.2 Derived By**

Type xs:long

**3.7.9.3 Referenced By**

- Element [tns:session \[element listSessionsResponse/data\]](#)

**3.7.10 Attribute: tns:dateLastConnect [element listSessionsResponse/data/session]****3.7.10.1 Description**

is the date of the last connection to the session (the UNIX timestamps is used)

**3.7.10.2 Derived By**

Type xs:long

**3.7.10.3 Referenced By**

- Element [tns:session \[element listSessionsResponse/data\]](#)

**3.7.11 Attribute: tns:homeDirectory [element listLocalAccountResponse/data/localaccount]****3.7.11.1 Description**

HomeDirectory is the path of the home directory of the user on the associated machine

**3.7.11.2 Derived By**

Type xs:string

**3.7.11.3 Referenced By**

- Element [tns:localaccount \[element listLocalAccountResponse/data\]](#)

**3.7.12 Attribute: tns:language [element listMachineResponse/data/machine]****3.7.12.1 Description**

represents the language used for the description of the machine

**3.7.12.2 Derived By**

Type xs:string

### 3.7.12.3 Referenced By

- Element [tns:machine \[element listMachineResponse/data\]](#)

### 3.7.13 Attribute: tns:machineDescription [element listMachineResponse/data/machine]

#### 3.7.13.1 Description

represents the description of the machine

#### 3.7.13.2 Derived By

Type xs:string

#### 3.7.13.3 Referenced By

- Element [tns:machine \[element listMachineResponse/data\]](#)

### 3.7.14 Attribute: tns:machineId [element listHistoryCmdResponse/data/command]

#### 3.7.14.1 Description

The machineId is the identifier of the machine used by the command

#### 3.7.14.2 Derived By

Type xs:string

#### 3.7.14.3 Referenced By

- Element [tns:command \[element listHistoryCmdResponse/data\]](#)

### 3.7.15 Attribute: tns:machineId [element listLocalAccountResponse/data/localaccount]

#### 3.7.15.1 Description

The MachineId represents the identifier of the machine associated to the local user configuration

#### 3.7.15.2 Derived By

Type xs:string

#### 3.7.15.3 Referenced By

- Element [tns:localaccount \[element listLocalAccountResponse/data\]](#)

### 3.7.16 Attribute: tns:machineId [element listMachineResponse/data/machine]

#### 3.7.16.1 Description

represents the identifier of the machine

### 3.7.16.2 Derived By

Type xs:string

### 3.7.16.3 Referenced By

- Element [tns:machine \[element listMachineResponse/data\]](#)

### 3.7.17 Attribute: tns:name [element listMachineResponse/data/machine]

#### 3.7.17.1 Description

represents the name of the machine

#### 3.7.17.2 Derived By

Type xs:string

#### 3.7.17.3 Referenced By

- Element [tns:machine \[element listMachineResponse/data\]](#)

### 3.7.18 Attribute: tns:optionName [element listOptionsResponse/data/optionvalue]

#### 3.7.18.1 Description

represents the name of an option

#### 3.7.18.2 Derived By

Type xs:string

#### 3.7.18.3 Referenced By

- Element [tns:optionvalue \[element listOptionsResponse/data\]](#)

### 3.7.19 Attribute: tns:sessionId [element listHistoryCmdResponse/data/command]

#### 3.7.19.1 Description

The sessionId is the identifier of the session define in the database

#### 3.7.19.2 Derived By

Type xs:string

#### 3.7.19.3 Referenced By

- Element [tns:command \[element listHistoryCmdResponse/data\]](#)

**3.7.20 Attribute: tns:sessionId [element listSessionsResponse/data/session]****3.7.20.1 Description**

represents the VISHNU session identifier of the session

**3.7.20.2 Derived By**

Type xs:string

**3.7.20.3 Referenced By**

- Element **tns:session** [element listSessionsResponse/data]

**3.7.21 Attribute: tns:sessionKey [element listSessionsResponse/data/session]****3.7.21.1 Description**

is the key of the session generated by VISHNU

**3.7.21.2 Derived By**

Type xs:string

**3.7.21.3 Referenced By**

- Element **tns:session** [element listSessionsResponse/data]

**3.7.22 Attribute: tns:site [element listMachineResponse/data/machine]****3.7.22.1 Description**

represents the location of the machine

**3.7.22.2 Derived By**

Type xs:string

**3.7.22.3 Referenced By**

- Element **tns:machine** [element listMachineResponse/data]

**3.7.23 Attribute: tns:sshKeyPath [element listLocalAccountResponse/data/localaccount]****3.7.23.1 Description**

sshKeyPath is the path of the ssh key of the user on the associated machine

**3.7.23.2 Derived By**

Type xs:string

**3.7.23.3 Referenced By**

- Element [tns:localaccount](#) [element [listLocalAccountResponse/data](#)]

**3.7.24 Attribute: tns:sshPublicKey** [element [listMachineResponse/data/machine](#)]**3.7.24.1 Description**

contains the SSH public key used by VISHNU to access local user accounts

**3.7.24.2 Derived By**

Type [xs:string](#)

**3.7.24.3 Referenced By**

- Element [tns:machine](#) [element [listMachineResponse/data](#)]

**3.7.25 Attribute: tns:status** [element [listHistoryCmdResponse/data/command](#)]**3.7.25.1 Description**

The machineId is the identifier of the machine used by the command

**3.7.25.2 Derived By**

Type [tns:CommandStatusType](#)

**3.7.25.3 Enumeration****3.7.25.4 Referenced By**

- Element [tns:command](#) [element [listHistoryCmdResponse/data](#)]

**3.7.26 Attribute: tns:status** [element [listMachineResponse/data/machine](#)]**3.7.26.1 Description**

represents the status of the machine

**3.7.26.2 Derived By**

Type [tns:StatusType](#)

**3.7.26.3 Enumeration****3.7.26.4 Referenced By**

- Element [tns:machine](#) [element [listMachineResponse/data](#)]

**3.7.27 Attribute: tns:status [element listSessionsResponse/data/session]****3.7.27.1 Description**

represents the status of the session

**3.7.27.2 Derived By**

Type [tns:StatusType](#)

**3.7.27.3 Enumeration****3.7.27.4 Referenced By**

- Element [tns:session](#) [element listSessionsResponse/data]

**3.7.28 Attribute: tns:timeout [element listSessionsResponse/data/session]****3.7.28.1 Description**

is the inactivity delay in seconds associated to the CLOSE\_ON\_TIMEOUT option

**3.7.28.2 Derived By**

Type xs:long

**3.7.28.3 Referenced By**

- Element [tns:session](#) [element listSessionsResponse/data]

**3.7.29 Attribute: tns:userId [element listLocalAccountResponse/data/localaccount]****3.7.29.1 Description**

The userId represents the VISHNU user identifier of the user of the local user configuration

**3.7.29.2 Derived By**

Type xs:string

**3.7.29.3 Referenced By**

- Element [tns:localaccount](#) [element listLocalAccountResponse/data]

**3.7.30 Attribute: tns:userId [element listSessionsResponse/data/session]****3.7.30.1 Description**

represents the VISHNU user identifier of the user who has opened the session

**3.7.30.2 Derived By**

Type xs:string

### 3.7.30.3 Referenced By

- Element [tns:session](#) [[element listSessionsResponse/data](#)]

### 3.7.31 Attribute: [tns:value](#) [[element listOptionsResponse/data/optionvalue](#)]

#### 3.7.31.1 Description

represents the value of an option

#### 3.7.31.2 Derived By

Type xs:string

#### 3.7.31.3 Referenced By

- Element [tns:optionvalue](#) [[element listOptionsResponse/data](#)]

## 4 VishnuTMSService Web Service

### 4.1 Type

SOAP

### 4.2 Style

Document

### 4.3 See Also

[Methods](#) , [Simple Types](#) , [Elements](#) , [Attributes](#) ,

### 4.4 Methods: VishnuTMSService

#### 4.4.1 Methods

#### 4.4.2 Method: [cancelJob](#)

##### 4.4.2.1 Description

cancels a job from its id

##### 4.4.2.2 Action

##### 4.4.2.3 Style

Document

##### 4.4.2.4 Input (Literal)

The input of this method is the document element [tns:cancelJobRequest](#) having the structure defined by the following table.

#### 4.4.2.5 Output (Literal)

The output of this method is the document element `tns:cancelJobResponse` that is always empty.

#### 4.4.2.6 Faults

### 4.4.3 Method: getCompletedJobsOutput

#### 4.4.3.1 Description

gets standard output and error output files of completed jobs (applies only once for each job)

#### 4.4.3.2 Action

#### 4.4.3.3 Style

Document

#### 4.4.3.4 Input (Literal)

The input of this method is the document element `tns:getCompletedJobsOutputRequest` having the structure defined by the following table.

#### 4.4.3.5 Output (Literal)

The output of this method is the document element `tns:getCompletedJobsOutputResponse` having the structure defined by the following table.

#### 4.4.3.6 Faults

### 4.4.4 Method: getJobInfo

#### 4.4.4.1 Description

gets information on a job from its id

#### 4.4.4.2 Action

#### 4.4.4.3 Style

Document

#### 4.4.4.4 Input (Literal)

The input of this method is the document element `tns:getJobInfoRequest` having the structure defined by the following table.

#### 4.4.4.5 Output (Literal)

The output of this method is the document element `tns:getJobInfoResponse` having the structure defined by the following table.



#### 4.4.4.6 Faults

### 4.4.5 Method: getJobOutput

#### 4.4.5.1 Description

gets standard output and error output files of a job given its id

#### 4.4.5.2 Action

#### 4.4.5.3 Style

Document

#### 4.4.5.4 Input (Literal)

The input of this method is the document element `tns:getJobOutputRequest` having the structure defined by the following table.

#### 4.4.5.5 Output (Literal)

The output of this method is the document element `tns:getJobOutputResponse` having the structure defined by the following table.

#### 4.4.5.6 Faults

### 4.4.6 Method: getJobProgress

#### 4.4.6.1 Description

gets the progression status of jobs

#### 4.4.6.2 Action

#### 4.4.6.3 Style

Document

#### 4.4.6.4 Input (Literal)

The input of this method is the document element `tns:getJobProgressRequest` having the structure defined by the following table.

#### 4.4.6.5 Output (Literal)

The output of this method is the document element `tns:getJobProgressResponse` having the structure defined by the following table.

#### 4.4.6.6 Faults

### 4.4.7 Method: listJobs

#### 4.4.7.1 Description

gets a list of all submitted jobs

#### 4.4.7.2 Action

#### 4.4.7.3 Style

Document

#### 4.4.7.4 Input (Literal)

The input of this method is the document element **tns:listJobsRequest** having the structure defined by the following table.

#### 4.4.7.5 Output (Literal)

The output of this method is the document element **tns:listJobsResponse** having the structure defined by the following table.

#### 4.4.7.6 Faults

### 4.4.8 Method: listQueues

#### 4.4.8.1 Description

gets queues information

#### 4.4.8.2 Action

#### 4.4.8.3 Style

Document

#### 4.4.8.4 Input (Literal)

The input of this method is the document element **tns:listQueuesRequest** having the structure defined by the following table.

#### 4.4.8.5 Output (Literal)

The output of this method is the document element **tns:listQueuesResponse** having the structure defined by the following table.

#### 4.4.8.6 Faults

### 4.4.9 Method: submitJob

#### 4.4.9.1 Description

submits a job on a machine through the use of a script (scriptFilePath)

#### 4.4.9.2 Action

#### 4.4.9.3 Style

Document

#### 4.4.9.4 Input (Literal)

The input of this method is the document element **tns:submitJobRequest** having the structure defined by the following table.

---

#### 4.4.9.5 Output (Literal)

The output of this method is the document element **tns:submitJobResponse** having the structure defined by the following table.

#### 4.4.9.6 Faults

### 4.5 Simple Types: VishnuTMSService

#### 4.5.1 Simple Types

#### 4.5.2 Simple Type: tns:JobPriority

##### 4.5.2.1 Derived By

Restricting xs:string

##### 4.5.2.2 Enumeration

##### 4.5.2.3 Referenced By

- Element **tns:jobPrio** [element **getJobInfoResponse**]
- Element **tns:jobPrio** [element **submitJobResponse**]
- Element **tns:priority** [element **listJobsRequest**]
- Attribute **tns:jobPrio** [element **listJobsResponse/data/job**]

#### 4.5.3 Simple Type: tns:JobStatus

##### 4.5.3.1 Derived By

Restricting xs:string

##### 4.5.3.2 Enumeration

##### 4.5.3.3 Referenced By

- Element **tns:status** [element **getJobInfoResponse**]
- Element **tns:status** [element **listJobsRequest**]
- Element **tns:status** [element **submitJobResponse**]
- Attribute **tns:status** [element **getJobProgressResponse/data/progression**]
- Attribute **tns:status** [element **listJobsResponse/data/job**]

#### 4.5.4 Simple Type: tns:QueuePriority

##### 4.5.4.1 Derived By

Restricting xs:string

#### 4.5.4.2 Enumeration

#### 4.5.4.3 Referenced By

- Attribute **tns:priority** [element `listQueuesResponse/data/queue`]

#### 4.5.5 Simple Type: `tns:QueueStatus`

##### 4.5.5.1 Derived By

Restricting `xs:string`

##### 4.5.5.2 Enumeration

##### 4.5.5.3 Referenced By

- Attribute **tns:state** [element `listQueuesResponse/data/queue`]

### 4.6 Elements: `VishnuTMSService`

#### 4.6.1 Elements

#### 4.6.2 Element: `tns:ALREADY_CANCELEDFault`

##### 4.6.2.1 Derived By

Restricting `xs:anyType`

##### 4.6.2.2 Content Model

Always empty.

#### 4.6.3 Element: `tns:ALREADY_DOWNLOADEDFault`

##### 4.6.3.1 Derived By

Restricting `xs:anyType`

##### 4.6.3.2 Content Model

Always empty.

#### 4.6.4 Element: `tns:ALREADY_TERMINATEDFault`

##### 4.6.4.1 Derived By

Restricting `xs:anyType`

##### 4.6.4.2 Content Model

Always empty.

**4.6.5 Element: tns:BATCH\_SCHEDULER\_ERRORFault****4.6.5.1 Derived By**

Restricting xs:anyType

**4.6.5.2 Content Model**

Always empty.

**4.6.6 Element: tns:cancelJobRequest****4.6.6.1 Derived By**

Restricting xs:anyType

**4.6.6.2 Content Model**

Contains elements as defined in the following table.

**4.6.7 Element: tns:cancelJobResponse****4.6.7.1 Derived By**

Restricting xs:anyType

**4.6.7.2 Content Model**

Always empty.

**4.6.8 Element: tns:CONFIGNOTFOUNDFault****4.6.8.1 Derived By**

Restricting xs:anyType

**4.6.8.2 Content Model**

Always empty.

**4.6.9 Element: tns:data [element getCompletedJobsOutputResponse]****4.6.9.1 Derived By**

Restricting xs:anyType

**4.6.9.2 Content Model**

Contains elements as defined in the following table.

**4.6.9.3 Referenced By**

- Element [tns:getCompletedJobsOutputResponse](#)

**4.6.10 Element: tns:data [element getJobProgressResponse]****4.6.10.1 Derived By**

Restricting xs:anyType

**4.6.10.2 Content Model**

Contains elements as defined in the following table.

**4.6.10.3 Referenced By**

- Element [tns:getJobProgressResponse](#)

**4.6.11 Element: tns:data [element listJobsResponse]****4.6.11.1 Derived By**

Restricting xs:anyType

**4.6.11.2 Content Model**

Contains elements as defined in the following table.

**4.6.11.3 Referenced By**

- Element [tns:listJobsResponse](#)

**4.6.12 Element: tns:data [element listQueuesResponse]****4.6.12.1 Derived By**

Restricting xs:anyType

**4.6.12.2 Content Model**

Contains elements as defined in the following table.

**4.6.12.3 Referenced By**

- Element [tns:listQueuesResponse](#)

**4.6.13 Element: tns:DBCONNFault****4.6.13.1 Derived By**

Restricting xs:anyType

**4.6.13.2 Content Model**

Always empty.

**4.6.14 Element: tns:DBERRFault****4.6.14.1 Derived By**

Restricting xs:anyType

**4.6.14.2 Content Model**

Always empty.

**4.6.15 Element: tns:DIETFault****4.6.15.1 Derived By**

Restricting xs:anyType

**4.6.15.2 Content Model**

Always empty.

**4.6.16 Element: tns:endDate [element getJobInfoResponse]****4.6.16.1 Description**

Represents the execution end date of the job (unix timestamp)

**4.6.16.2 Derived By**

Type xs:long

**4.6.16.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.17 Element: tns:endDate [element submitJobResponse]****4.6.17.1 Description**

Represents the execution end date of the job (unix timestamp)

**4.6.17.2 Derived By**

Type xs:long

**4.6.17.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.18 Element: tns:errorPath [element getJobInfoResponse]****4.6.18.1 Description**

Is the path to the file containing errors occurred during job's execution.

**4.6.18.2 Derived By**

Type xs:string

**4.6.18.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.19 Element: tns:errorPath [element getJobOutputResponse]****4.6.19.1 Description**

Is the path to the file containing errors occurred during job's execution.

**4.6.19.2 Derived By**

Type xs:string

**4.6.19.3 Referenced By**

- Element [tns:getJobOutputResponse](#)

**4.6.20 Element: tns:errorPath [element submitJobRequest]****4.6.20.1 Description**

Assigns the path and file for job error

**4.6.20.2 Derived By**

Type xs:string

**4.6.20.3 Referenced By**

- Element [tns:submitJobRequest](#)

**4.6.21 Element: tns:errorPath [element submitJobResponse]****4.6.21.1 Description**

Is the path to the file containing errors occurred during job's execution.

**4.6.21.2 Derived By**

Type xs:string

**4.6.21.3 Referenced By**

- Element [tns:submitJobResponse](#)



**4.6.22 Element: tns:FILENOTFOUNDfault****4.6.22.1 Derived By**

Restricting xs:anyType

**4.6.22.2 Content Model**

Always empty.

**4.6.23 Element: tns:fromSubmitDate [element listJobsRequest]****4.6.23.1 Description**

lists the jobs submitted after the specified date (UNIX timestamp)

**4.6.23.2 Derived By**

Type xs:long

**4.6.23.3 Referenced By**

- Element [tns:listJobsRequest](#)

**4.6.24 Element: tns:getCompletedJobsOutputRequest****4.6.24.1 Derived By**

Restricting xs:anyType

**4.6.24.2 Content Model**

Contains elements as defined in the following table.

**4.6.25 Element: tns:getCompletedJobsOutputResponse****4.6.25.1 Derived By**

Restricting xs:anyType

**4.6.25.2 Content Model**

Contains elements as defined in the following table.

**4.6.26 Element: tns:getJobInfoRequest****4.6.26.1 Derived By**

Restricting xs:anyType

**4.6.26.2 Content Model**

Contains elements as defined in the following table.

**4.6.27 Element: tns:getJobInfoResponse****4.6.27.1 Derived By**

Restricting xs:anyType

**4.6.27.2 Content Model**

Contains elements as defined in the following table.

**4.6.28 Element: tns:getJobOutputRequest****4.6.28.1 Derived By**

Restricting xs:anyType

**4.6.28.2 Content Model**

Contains elements as defined in the following table.

**4.6.29 Element: tns:getJobOutputResponse****4.6.29.1 Derived By**

Restricting xs:anyType

**4.6.29.2 Content Model**

Contains elements as defined in the following table.

**4.6.30 Element: tns:getJobProgressRequest****4.6.30.1 Derived By**

Restricting xs:anyType

**4.6.30.2 Content Model**

Contains elements as defined in the following table.

**4.6.31 Element: tns:getJobProgressResponse****4.6.31.1 Derived By**

Restricting xs:anyType

**4.6.31.2 Content Model**

Contains elements as defined in the following table.

**4.6.32 Element: tns:groupName [element getJobInfoResponse]****4.6.32.1 Description**

Represents the job owner group name.

**4.6.32.2 Derived By**

Type xs:string

**4.6.32.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.33 Element: tns:groupName [element submitJobResponse]****4.6.33.1 Description**

Represents the job owner group name.

**4.6.33.2 Derived By**

Type xs:string

**4.6.33.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.34 Element: tns:INVALID\_PARAMFault****4.6.34.1 Derived By**

Restricting xs:anyType

**4.6.34.2 Content Model**

Always empty.

**4.6.35 Element: tns:job [element listJobsResponse/data]****4.6.35.1 Derived By**

Restricting xs:anyType

**4.6.35.2 Attributes****4.6.35.3 Content Model**

Always empty.

**4.6.35.4 Referenced By**

- Element [tns:data \[element listJobsResponse\]](#)

**4.6.36 Element: tns:JOB\_IS\_NOT\_TERMINATEDFault****4.6.36.1 Derived By**

Restricting xs:anyType

**4.6.36.2 Content Model**

Always empty.

**4.6.37 Element: tns:jobDescription [element getJobInfoResponse]****4.6.37.1 Description**

Is the textual description of the job.

**4.6.37.2 Derived By**

Type xs:string

**4.6.37.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.38 Element: tns:jobDescription [element submitJobResponse]****4.6.38.1 Description**

Is the textual description of the job.

**4.6.38.2 Derived By**

Type xs:string

**4.6.38.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.39 Element: tns:jobId [element cancelJobRequest]****4.6.39.1 Description**

The Id of the job

**4.6.39.2 Derived By**

Type xs:string

**4.6.39.3 Referenced By**

- Element [tns:cancelJobRequest](#)

**4.6.40 Element: tns:jobId [element getJobInfoRequest]****4.6.40.1 Description**

The id of the job

**4.6.40.2 Derived By**

Type xs:string

**4.6.40.3 Referenced By**

- Element [tns:getJobInfoRequest](#)

**4.6.41 Element: tns:jobId [element getJobInfoResponse]****4.6.41.1 Description**

Represents the id to job.

**4.6.41.2 Derived By**

Type xs:string

**4.6.41.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.42 Element: tns:jobId [element getJobOutputRequest]****4.6.42.1 Description**

The Id of the job

**4.6.42.2 Derived By**

Type xs:string

**4.6.42.3 Referenced By**

- Element [tns:getJobOutputRequest](#)

**4.6.43 Element: tns:jobId [element getJobOutputResponse]****4.6.43.1 Description**

Represents the id of the job.

**4.6.43.2 Derived By**

Type xs:string

**4.6.43.3 Referenced By**

- Element [tns:getJobOutputResponse](#)

**4.6.44 Element: tns:jobId [element getJobProgressRequest]****4.6.44.1 Description**

Specifies the id of the job whose progression the user wants to see.

**4.6.44.2 Derived By**

Type xs:string

**4.6.44.3 Referenced By**

- Element [tns:getJobProgressRequest](#)

**4.6.45 Element: tns:jobId [element listJobsRequest]****4.6.45.1 Description**

lists the job with the specified id

**4.6.45.2 Derived By**

Type xs:string

**4.6.45.3 Referenced By**

- Element [tns:listJobsRequest](#)

**4.6.46 Element: tns:jobId [element submitJobResponse]****4.6.46.1 Description**

Represents the id to job.

**4.6.46.2 Derived By**

Type xs:string

**4.6.46.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.47 Element: tns:jobName [element getJobInfoResponse]****4.6.47.1 Description**

Represents the name assigned to the job.

**4.6.47.2 Derived By**

Type xs:string

**4.6.47.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.48 Element: tns:jobName [element submitJobResponse]****4.6.48.1 Description**

Represents the name assigned to the job.

**4.6.48.2 Derived By**

Type xs:string

**4.6.48.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.49 Element: tns:jobOwner [element getJobProgressRequest]****4.6.49.1 Description**

Specifies the owner of the job.

**4.6.49.2 Derived By**

Type xs:string

**4.6.49.3 Referenced By**

- Element [tns:getJobProgressRequest](#)

**4.6.50 Element: tns:jobPath [element getJobInfoResponse]****4.6.50.1 Description**

Is the path to the file containing job characteristics.

**4.6.50.2 Derived By**

Type xs:string

**4.6.50.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.51 Element: tns:jobPath [element submitJobResponse]****4.6.51.1 Description**

Is the path to the file containing job characteristics.

**4.6.51.2 Derived By**

Type xs:string

**4.6.51.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.52 Element: tns:jobPrio [element getJobInfoResponse]****4.6.52.1 Description**

Represents the job priority.

**4.6.52.2 Derived By**

Type [tns:JobPriority](#)

**4.6.52.3 Enumeration****4.6.52.4 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.53 Element: tns:jobPrio [element submitJobResponse]****4.6.53.1 Description**

Represents the job priority.

**4.6.53.2 Derived By**

Type [tns:JobPriority](#)

**4.6.53.3 Enumeration****4.6.53.4 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.54 Element: tns:jobQueue [element getJobInfoResponse]****4.6.54.1 Description**

Is the name of the queue or class associated to the job.



**4.6.54.2 Derived By**

Type xs:string

**4.6.54.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.55 Element: tns:jobQueue [element submitJobResponse]****4.6.55.1 Description**

Is the name of the queue or class associated to the job.

**4.6.55.2 Derived By**

Type xs:string

**4.6.55.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.56 Element: tns:jobresult [element getCompletedJobsOutputResponse/data]****4.6.56.1 Derived By**

Restricting xs:anyType

**4.6.56.2 Attributes****4.6.56.3 Content Model**

Always empty.

**4.6.56.4 Referenced By**

- Element [tns:data \[element getCompletedJobsOutputResponse\]](#)

**4.6.57 Element: tns:jobWorkingDir [element getJobInfoResponse]****4.6.57.1 Description**

Indicates the directory where the job has been launched.

**4.6.57.2 Derived By**

Type xs:string

**4.6.57.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.58 Element: tns:jobWorkingDir [element submitJobResponse]****4.6.58.1 Description**

Indicates the directory where the job has been launched.

**4.6.58.2 Derived By**

Type xs:string

**4.6.58.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.59 Element: tns:listJobsRequest****4.6.59.1 Derived By**

Restricting xs:anyType

**4.6.59.2 Content Model**

Contains elements as defined in the following table.

**4.6.60 Element: tns:listJobsResponse****4.6.60.1 Derived By**

Restricting xs:anyType

**4.6.60.2 Content Model**

Contains elements as defined in the following table.

**4.6.61 Element: tns:listQueuesRequest****4.6.61.1 Derived By**

Restricting xs:anyType

**4.6.61.2 Content Model**

Contains elements as defined in the following table.

**4.6.62 Element: tns:listQueuesResponse****4.6.62.1 Derived By**

Restricting xs:anyType

**4.6.62.2 Content Model**

Contains elements as defined in the following table.

**4.6.63 Element: tns:machineId [element cancelJobRequest]****4.6.63.1 Description**

Is the id of the machine on which the job is running

**4.6.63.2 Derived By**

Type xs:string

**4.6.63.3 Referenced By**

- Element [tns:cancelJobRequest](#)

**4.6.64 Element: tns:machineId [element getCompletedJobsOutputRequest]****4.6.64.1 Description**

Is the id of the machine on which the jobs are been submitted

**4.6.64.2 Derived By**

Type xs:string

**4.6.64.3 Referenced By**

- Element [tns:getCompletedJobsOutputRequest](#)

**4.6.65 Element: tns:machineId [element getJobInfoRequest]****4.6.65.1 Description**

Is the id of the machine on which the job is running

**4.6.65.2 Derived By**

Type xs:string

**4.6.65.3 Referenced By**

- Element [tns:getJobInfoRequest](#)

**4.6.66 Element: tns:machineId [element getJobOutputRequest]****4.6.66.1 Description**

gets outputPath and errorPath of a job from its id

**4.6.66.2 Derived By**

Type xs:string

**4.6.66.3 Referenced By**

- Element [tns:getJobOutputRequest](#)

**4.6.67 Element: tns:machineId [element getJobProgressRequest]****4.6.67.1 Description**

Is the id of the machine to get the jobs progression

**4.6.67.2 Derived By**

Type xs:string

**4.6.67.3 Referenced By**

- Element [tns:getJobProgressRequest](#)

**4.6.68 Element: tns:machineId [element listJobsRequest]****4.6.68.1 Description**

Is the id of the machine on which the jobs are running

**4.6.68.2 Derived By**

Type xs:string

**4.6.68.3 Referenced By**

- Element [tns:listJobsRequest](#)

**4.6.69 Element: tns:machineId [element listQueuesRequest]****4.6.69.1 Description**

Is the id of the machine that the user wants to list queues

**4.6.69.2 Derived By**

Type xs:string

**4.6.69.3 Referenced By**

- Element [tns:listQueuesRequest](#)

**4.6.70 Element: tns:machineId [element submitJobRequest]****4.6.70.1 Description**

Is the id of the machine on which the job must be submitted

**4.6.70.2 Derived By**

Type xs:string

**4.6.70.3 Referenced By**

- Element [tns:submitJobRequest](#)

**4.6.71 Element: tns:memLimit [element getJobInfoResponse]****4.6.71.1 Description**

Represents the memory size limit of the job.

**4.6.71.2 Derived By**

Type xs:integer

**4.6.71.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.72 Element: tns:memLimit [element submitJobResponse]****4.6.72.1 Description**

Represents the memory size limit of the job.

**4.6.72.2 Derived By**

Type xs:integer

**4.6.72.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.73 Element: tns:memory [element submitJobRequest]****4.6.73.1 Description**

Is the memory size that the job requires

**4.6.73.2 Derived By**

Type xs:integer

**4.6.73.3 Referenced By**

- Element [tns:submitJobRequest](#)

**4.6.74 Element: tns:name [element submitJobRequest]****4.6.74.1 Description**

Assigns a job name. The default is the path of job

**4.6.74.2 Derived By**

Type xs:string

**4.6.74.3 Referenced By**

- Element [tns:submitJobRequest](#)

**4.6.75 Element: tns:nbCpu [element listJobsRequest]****4.6.75.1 Description**

lists the jobs with the specified number of CPUs

**4.6.75.2 Derived By**

Type xs:integer

**4.6.75.3 Referenced By**

- Element [tns:listJobsRequest](#)

**4.6.76 Element: tns:nbCpu [element submitJobRequest]****4.6.76.1 Description**

The number of cpu that the job requires

**4.6.76.2 Derived By**

Type xs:integer

**4.6.76.3 Referenced By**

- Element [tns:submitJobRequest](#)

**4.6.77 Element: tns:nbCpus [element getJobInfoResponse]****4.6.77.1 Description**

Is the number of cpu used by the job.

**4.6.77.2 Derived By**

Type xs:integer

**4.6.77.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.78 Element: tns:nbCpus [element submitJobResponse]****4.6.78.1 Description**

Is the number of cpu used by the job.

**4.6.78.2 Derived By**

Type xs:integer

**4.6.78.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.79 Element: tns:nbJobs [element getCompletedJobsOutputResponse]****4.6.79.1 Description**

Is the number of jobs.

**4.6.79.2 Derived By**

Type xs:integer

**4.6.79.3 Referenced By**

- Element [tns:getCompletedJobsOutputResponse](#)

**4.6.80 Element: tns:nbJobs [element getJobProgressResponse]****4.6.80.1 Description**

Represents the number of jobs in progression list.

**4.6.80.2 Derived By**

Type xs:integer

**4.6.80.3 Referenced By**

- Element [tns:getJobProgressResponse](#)

**4.6.81 Element: tns:nbJobs [element listJobsResponse]****4.6.81.1 Description**

Represents the total number of jobs in the list.

**4.6.81.2 Derived By**

Type xs:long

**4.6.81.3 Referenced By**

- Element [tns:listJobsResponse](#)

**4.6.82 Element: tns:nbNodes [element getJobInfoResponse]****4.6.82.1 Description**

Is the total number of nodes used by the job.

**4.6.82.2 Derived By**

Type xs:integer

**4.6.82.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.83 Element: tns:nbNodes [element submitJobResponse]****4.6.83.1 Description**

Is the total number of nodes used by the job.

**4.6.83.2 Derived By**

Type xs:integer

**4.6.83.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.84 Element: tns:nbNodesAndCpuPerNode [element getJobInfoResponse]****4.6.84.1 Description**

Is the number of nodes and processors per node used by the job.

**4.6.84.2 Derived By**

Type xs:string

**4.6.84.3 Referenced By**

- Element [tns:getJobInfoResponse](#)



**4.6.85 Element: tns:nbNodesAndCpuPerNode [element submitJobRequest]****4.6.85.1 Description**

The number of nodes and processors per node

**4.6.85.2 Derived By**

Type xs:string

**4.6.85.3 Referenced By**

- Element [tns:submitJobRequest](#)

**4.6.86 Element: tns:nbNodesAndCpuPerNode [element submitJobResponse]****4.6.86.1 Description**

Is the number of nodes and processors per node used by the job.

**4.6.86.2 Derived By**

Type xs:string

**4.6.86.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.87 Element: tns:nbQueues [element listQueuesResponse]****4.6.87.1 Description**

Represents the number of queues.

**4.6.87.2 Derived By**

Type xs:integer

**4.6.87.3 Referenced By**

- Element [tns:listQueuesResponse](#)

**4.6.88 Element: tns:nbRunningJobs [element listJobsResponse]****4.6.88.1 Description**

Represents of running jobs in the list.

**4.6.88.2 Derived By**

Type xs:long

**4.6.88.3 Referenced By**

- Element [tns:listJobsResponse](#)

**4.6.89 Element: tns:nbWaitingJobs [element listJobsResponse]****4.6.89.1 Description**

Represents the total number of waiting jobs in the list.

**4.6.89.2 Derived By**

Type xs:long

**4.6.89.3 Referenced By**

- Element [tns:listJobsResponse](#)

**4.6.90 Element: tns:outDir [element getCompletedJobsOutputRequest]****4.6.90.1 Description**

Specifies the output directory where the files will be stored (by default, the current directory).

**4.6.90.2 Derived By**

Type xs:string

**4.6.90.3 Referenced By**

- Element [tns:getCompletedJobsOutputRequest](#)

**4.6.91 Element: tns:outDir [element getJobOutputRequest]****4.6.91.1 Description**

The output directory where the files will be stored (default is current directory)

**4.6.91.2 Derived By**

Type xs:string

**4.6.91.3 Referenced By**

- Element [tns:getJobOutputRequest](#)

**4.6.92 Element: tns:outputPath [element getJobInfoResponse]****4.6.92.1 Description**

Is the path to the job output results.

**4.6.92.2 Derived By**

Type xs:string

**4.6.92.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.93 Element: tns:outputPath [element getJobOutputResponse]****4.6.93.1 Description**

Is the path to the job output results.

**4.6.93.2 Derived By**

Type xs:string

**4.6.93.3 Referenced By**

- Element [tns:getJobOutputResponse](#)

**4.6.94 Element: tns:outputPath [element submitJobRequest]****4.6.94.1 Description**

Assigns the path and file for job output

**4.6.94.2 Derived By**

Type xs:string

**4.6.94.3 Referenced By**

- Element [tns:submitJobRequest](#)

**4.6.95 Element: tns:outputPath [element submitJobResponse]****4.6.95.1 Description**

Is the path to the job output results.

**4.6.95.2 Derived By**

Type xs:string

**4.6.95.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.96 Element: tns:owner [element getJobInfoResponse]****4.6.96.1 Description**

Represents the job owner.

**4.6.96.2 Derived By**

Type xs:string

**4.6.96.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.97 Element: tns:owner [element listJobsRequest]****4.6.97.1 Description**

lists the jobs submitted by the specified owner

**4.6.97.2 Derived By**

Type xs:string

**4.6.97.3 Referenced By**

- Element [tns:listJobsRequest](#)

**4.6.98 Element: tns:owner [element submitJobResponse]****4.6.98.1 Description**

Represents the job owner.

**4.6.98.2 Derived By**

Type xs:string

**4.6.98.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.99 Element: tns:PERMISSION\_DENIEDFault****4.6.99.1 Derived By**

Restricting xs:anyType

**4.6.99.2 Content Model**

Always empty.

**4.6.100 Element: tns:priority [element listJobsRequest]****4.6.100.1 Description**

lists the jobs with the specified priority

**4.6.100.2 Derived By**

Type **tns:JobPriority**

**4.6.100.3 Enumeration****4.6.100.4 Referenced By**

- Element **tns:listJobsRequest**

**4.6.101 Element: tns:progression [element getJobProgressResponse/data]****4.6.101.1 Derived By**

Restricting xs:anyType

**4.6.101.2 Attributes****4.6.101.3 Content Model**

Always empty.

**4.6.101.4 Referenced By**

- Element **tns:data [element getJobProgressResponse]**

**4.6.102 Element: tns:queue [element listJobsRequest]****4.6.102.1 Description**

the jobs with the specified queue name

**4.6.102.2 Derived By**

Type xs:string

**4.6.102.3 Referenced By**

- Element **tns:listJobsRequest**

**4.6.103 Element: tns:queue [element listQueuesResponse/data]****4.6.103.1 Derived By**

Restricting xs:anyType

**4.6.103.2 Attributes****4.6.103.3 Content Model**

Always empty.

**4.6.103.4 Referenced By**

- Element [tns:data \[element listQueuesResponse\]](#)

**4.6.104 Element: tns:queue [element submitJobRequest]****4.6.104.1 Description**

Assigns the queue or class of the job

**4.6.104.2 Derived By**

Type xs:string

**4.6.104.3 Referenced By**

- Element [tns:submitJobRequest](#)

**4.6.105 Element: tns:queueName [element listQueuesRequest]****4.6.105.1 Description**

if it is given, listQueues gives information only of this queue

**4.6.105.2 Derived By**

Type xs:string

**4.6.105.3 Referenced By**

- Element [tns:listQueuesRequest](#)

**4.6.106 Element: tns:scriptFilePath [element submitJobRequest]****4.6.106.1 Description**

The path to the file containing the characteristics (job command, and batch scheduler directive required or optional) of the job to submit.

**4.6.106.2 Derived By**

Type xs:string

**4.6.106.3 Referenced By**

- Element [tns:submitJobRequest](#)

**4.6.107 Element: tns:sessionId [element getJobInfoResponse]****4.6.107.1 Description**

Is the id of the session that contained the job submission command

**4.6.107.2 Derived By**

Type xs:string

**4.6.107.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.108 Element: tns:sessionId [element submitJobResponse]****4.6.108.1 Description**

Is the id of the session that contained the job submission command

**4.6.108.2 Derived By**

Type xs:string

**4.6.108.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.109 Element: tns:sessionKey [element cancelJobRequest]****4.6.109.1 Description**

The session key

**4.6.109.2 Derived By**

Type xs:string

**4.6.109.3 Referenced By**

- Element [tns:cancelJobRequest](#)

**4.6.110 Element: tns:sessionKey [element getCompletedJobsOutputRequest]****4.6.110.1 Description**

The session key

**4.6.110.2 Derived By**

Type xs:string

**4.6.110.3 Referenced By**

- Element [tns:getCompletedJobsOutputRequest](#)

**4.6.111 Element: tns:sessionKey [element getJobInfoRequest]****4.6.111.1 Description**

The session key

**4.6.111.2 Derived By**

Type xs:string

**4.6.111.3 Referenced By**

- Element [tns:getJobInfoRequest](#)

**4.6.112 Element: tns:sessionKey [element getJobOutputRequest]****4.6.112.1 Description**

The session key

**4.6.112.2 Derived By**

Type xs:string

**4.6.112.3 Referenced By**

- Element [tns:getJobOutputRequest](#)

**4.6.113 Element: tns:sessionKey [element getJobProgressRequest]****4.6.113.1 Description**

The session key

**4.6.113.2 Derived By**

Type xs:string

**4.6.113.3 Referenced By**

- Element [tns:getJobProgressRequest](#)

**4.6.114 Element: tns:sessionKey [element listJobsRequest]****4.6.114.1 Description**

The session key



**4.6.114.2 Derived By**

Type xs:string

**4.6.114.3 Referenced By**

- Element [tns:listJobsRequest](#)

**4.6.115 Element: tns:sessionKey [element listQueuesRequest]****4.6.115.1 Description**

The session key

**4.6.115.2 Derived By**

Type xs:string

**4.6.115.3 Referenced By**

- Element [tns:listQueuesRequest](#)

**4.6.116 Element: tns:sessionKey [element submitJobRequest]****4.6.116.1 Description**

The session key

**4.6.116.2 Derived By**

Type xs:string

**4.6.116.3 Referenced By**

- Element [tns:submitJobRequest](#)

**4.6.117 Element: tns:SESSIONKEY\_EXPIREDFault****4.6.117.1 Derived By**

Restricting xs:anyType

**4.6.117.2 Content Model**

Always empty.

**4.6.118 Element: tns:SESSIONKEY\_NOT\_FOUNDFault****4.6.118.1 Derived By**

Restricting xs:anyType

**4.6.118.2 Content Model**

Always empty.

**4.6.119 Element: tns:SSHFault****4.6.119.1 Derived By**

Restricting xs:anyType

**4.6.119.2 Content Model**

Always empty.

**4.6.120 Element: tns:status [element getJobInfoResponse]****4.6.120.1 Description**

The current status of the job.

**4.6.120.2 Derived By**

Type **tns:JobStatus**

**4.6.120.3 Enumeration****4.6.120.4 Referenced By**

- Element **tns:getJobInfoResponse**

**4.6.121 Element: tns:status [element listJobsRequest]****4.6.121.1 Description**

lists the jobs with the specified status

**4.6.121.2 Derived By**

Type **tns:JobStatus**

**4.6.121.3 Enumeration****4.6.121.4 Referenced By**

- Element **tns:listJobsRequest**

**4.6.122 Element: tns:status [element submitJobResponse]****4.6.122.1 Description**

The current status of the job.

**4.6.122.2 Derived By**

Type [tns:JobStatus](#)

**4.6.122.3 Enumeration****4.6.122.4 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.123 Element: tns:submitDate [element getJobInfoResponse]****4.6.123.1 Description**

Date and time when job was submitted (unix timestamp)

**4.6.123.2 Derived By**

Type xs:long

**4.6.123.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.124 Element: tns:submitDate [element submitJobResponse]****4.6.124.1 Description**

Date and time when job was submitted (unix timestamp)

**4.6.124.2 Derived By**

Type xs:long

**4.6.124.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.125 Element: tns:submitJobRequest****4.6.125.1 Derived By**

Restricting xs:anyType

**4.6.125.2 Content Model**

Contains elements as defined in the following table.

**4.6.126 Element: tns:submitJobResponse****4.6.126.1 Derived By**

Restricting xs:anyType

#### 4.6.126.2 Content Model

Contains elements as defined in the following table.

#### 4.6.127 Element: tns:submitMachineId [element getJobInfoResponse]

##### 4.6.127.1 Description

Is the id of the machine on which the job has been submitted.

##### 4.6.127.2 Derived By

Type xs:string

##### 4.6.127.3 Referenced By

- Element [tns:getJobInfoResponse](#)

#### 4.6.128 Element: tns:submitMachineId [element submitJobResponse]

##### 4.6.128.1 Description

Is the id of the machine on which the job has been submitted.

##### 4.6.128.2 Derived By

Type xs:string

##### 4.6.128.3 Referenced By

- Element [tns:submitJobResponse](#)

#### 4.6.129 Element: tns:submitMachineName [element getJobInfoResponse]

##### 4.6.129.1 Description

Is the name of the machine on which the job has been submitted.

##### 4.6.129.2 Derived By

Type xs:string

##### 4.6.129.3 Referenced By

- Element [tns:getJobInfoResponse](#)

#### 4.6.130 Element: tns:submitMachineName [element submitJobResponse]

##### 4.6.130.1 Description

Is the name of the machine on which the job has been submitted.

**4.6.130.2 Derived By**

Type xs:string

**4.6.130.3 Referenced By**

- Element [tns:submitJobResponse](#)

**4.6.131 Element: tns:SYSTEMFault****4.6.131.1 Derived By**

Restricting xs:anyType

**4.6.131.2 Content Model**

Always empty.

**4.6.132 Element: tns:toSubmitDate [element listJobsRequest]****4.6.132.1 Description**

lists jobs submitted before the specified date (UNIX timestamp)

**4.6.132.2 Derived By**

Type xs:long

**4.6.132.3 Referenced By**

- Element [tns:listJobsRequest](#)

**4.6.133 Element: tns:UNDEFINEDFault****4.6.133.1 Derived By**

Restricting xs:anyType

**4.6.133.2 Content Model**

Always empty.

**4.6.134 Element: tns:UNKNOWN\_BATCH\_SCHEDULERFault****4.6.134.1 Derived By**

Restricting xs:anyType

**4.6.134.2 Content Model**

Always empty.

**4.6.135 Element: tns:UNKNOWN\_JOBIDFault****4.6.135.1 Derived By**

Restricting xs:anyType

**4.6.135.2 Content Model**

Always empty.

**4.6.136 Element: tns:UNKNOWN\_MACHINEFault****4.6.136.1 Derived By**

Restricting xs:anyType

**4.6.136.2 Content Model**

Always empty.

**4.6.137 Element: tns:UNKNOWN\_SESSION\_IDFault****4.6.137.1 Derived By**

Restricting xs:anyType

**4.6.137.2 Content Model**

Always empty.

**4.6.138 Element: tns:wallClockLimit [element getJobInfoResponse]****4.6.138.1 Description**

Is the maximum wall-clock time during which the job can run (in seconds)

**4.6.138.2 Derived By**

Type xs:long

**4.6.138.3 Referenced By**

- Element [tns:getJobInfoResponse](#)

**4.6.139 Element: tns:wallClockLimit [element submitJobResponse]****4.6.139.1 Description**

Is the maximum wall-clock time during which the job can run (in seconds)

**4.6.139.2 Derived By**

Type xs:long

#### 4.6.139.3 Referenced By

- Element [tns:submitJobResponse](#)

#### 4.6.140 Element: tns:wallTime [element submitJobRequest]

##### 4.6.140.1 Description

The maximum wall-clock time during which the job can run

##### 4.6.140.2 Derived By

Type xs:integer

##### 4.6.140.3 Referenced By

- Element [tns:submitJobRequest](#)

### 4.7 Attributes: VishnuTMSService

#### 4.7.1 Attributes

#### 4.7.2 Attribute: tns:description [element listQueuesResponse/data/queue]

##### 4.7.2.1 Description

Is the queue description.

##### 4.7.2.2 Derived By

Type xs:string

##### 4.7.2.3 Referenced By

- Element [tns:queue](#) [element listQueuesResponse/data]

#### 4.7.3 Attribute: tns:endDate [element listJobsResponse/data/job]

##### 4.7.3.1 Description

Represents the execution end date of the job (unix timestamp)

##### 4.7.3.2 Derived By

Type xs:long

##### 4.7.3.3 Referenced By

- Element [tns:job](#) [element listJobsResponse/data]

**4.7.4 Attribute: tns:endTime [element getJobProgressResponse/data/progression]****4.7.4.1 Description**

End date and time of the job (unix timestamp)

**4.7.4.2 Derived By**

Type xs:long

**4.7.4.3 Referenced By**

- Element [tns:progression \[element getJobProgressResponse/data\]](#)

**4.7.5 Attribute: tns:errorPath [element getCompletedJobsOutputResponse/data/jobresult]****4.7.5.1 Description**

Is the path to the file containing errors occurred during job's execution.

**4.7.5.2 Derived By**

Type xs:string

**4.7.5.3 Referenced By**

- Element [tns:jobresult \[element getCompletedJobsOutputResponse/data\]](#)

**4.7.6 Attribute: tns:errorPath [element listJobsResponse/data/job]****4.7.6.1 Description**

Is the path to the file containing errors occurred during job's execution.

**4.7.6.2 Derived By**

Type xs:string

**4.7.6.3 Referenced By**

- Element [tns:job \[element listJobsResponse/data\]](#)

**4.7.7 Attribute: tns:groupName [element listJobsResponse/data/job]****4.7.7.1 Description**

Represents the job owner group name.

**4.7.7.2 Derived By**

Type xs:string



#### 4.7.7.3 Referenced By

- Element **tns:job** [element **listJobsResponse/data**]

#### 4.7.8 Attribute: **tns:jobDescription** [element **listJobsResponse/data/job**]

##### 4.7.8.1 Description

Is the textual description of the job.

##### 4.7.8.2 Derived By

Type xs:string

##### 4.7.8.3 Referenced By

- Element **tns:job** [element **listJobsResponse/data**]

#### 4.7.9 Attribute: **tns:jobld** [element **getCompletedJobsOutputResponse/data/jobresult**]

##### 4.7.9.1 Description

Represents the id of the job.

##### 4.7.9.2 Derived By

Type xs:string

##### 4.7.9.3 Referenced By

- Element **tns:jobresult** [element **getCompletedJobsOutputResponse/data**]

#### 4.7.10 Attribute: **tns:jobld** [element **getJobProgressResponse/data/progression**]

##### 4.7.10.1 Description

Represents the job id.

##### 4.7.10.2 Derived By

Type xs:string

##### 4.7.10.3 Referenced By

- Element **tns:progression** [element **getJobProgressResponse/data**]

#### 4.7.11 Attribute: **tns:jobld** [element **listJobsResponse/data/job**]

##### 4.7.11.1 Description

Represents the id to job.

**4.7.11.2 Derived By**

Type xs:string

**4.7.11.3 Referenced By**

- Element **tns:job** [element **listJobsResponse/data**]

**4.7.12 Attribute: tns:jobName [element **getJobProgressResponse/data/progression**]****4.7.12.1 Description**

Represents the job name.

**4.7.12.2 Derived By**

Type xs:string

**4.7.12.3 Referenced By**

- Element **tns:progression** [element **getJobProgressResponse/data**]

**4.7.13 Attribute: tns:jobName [element **listJobsResponse/data/job**]****4.7.13.1 Description**

Represents the name assigned to the job.

**4.7.13.2 Derived By**

Type xs:string

**4.7.13.3 Referenced By**

- Element **tns:job** [element **listJobsResponse/data**]

**4.7.14 Attribute: tns:jobPath [element **listJobsResponse/data/job**]****4.7.14.1 Description**

Is the path to the file containing job characteristics.

**4.7.14.2 Derived By**

Type xs:string

**4.7.14.3 Referenced By**

- Element **tns:job** [element **listJobsResponse/data**]

**4.7.15 Attribute: tns:jobPrio [element listJobsResponse/data/job]****4.7.15.1 Description**

Represents the job priority.

**4.7.15.2 Derived By**

Type [tns:JobPriority](#)

**4.7.15.3 Enumeration****4.7.15.4 Referenced By**

- Element [tns:job](#) [element listJobsResponse/data]

**4.7.16 Attribute: tns:jobQueue [element listJobsResponse/data/job]****4.7.16.1 Description**

Is the name of the queue or class associated to the job.

**4.7.16.2 Derived By**

Type xs:string

**4.7.16.3 Referenced By**

- Element [tns:job](#) [element listJobsResponse/data]

**4.7.17 Attribute: tns:jobWorkingDir [element listJobsResponse/data/job]****4.7.17.1 Description**

Indicates the directory where the job has been launched.

**4.7.17.2 Derived By**

Type xs:string

**4.7.17.3 Referenced By**

- Element [tns:job](#) [element listJobsResponse/data]

**4.7.18 Attribute: tns:maxJobCpu [element listQueuesResponse/data/queue]****4.7.18.1 Description**

Is the maximum number of Cups that a job can use.

**4.7.18.2 Derived By**

Type xs:integer

**4.7.18.3 Referenced By**

- Element [tns:queue \[element listQueuesResponse/data\]](#)

**4.7.19 Attribute: tns:maxProcCpu [element listQueuesResponse/data/queue]****4.7.19.1 Description**

Is the maximum number of Cpus of the queue.

**4.7.19.2 Derived By**

Type xs:integer

**4.7.19.3 Referenced By**

- Element [tns:queue \[element listQueuesResponse/data\]](#)

**4.7.20 Attribute: tns:memLimit [element listJobsResponse/data/job]****4.7.20.1 Description**

Represents the memory size limit of the job.

**4.7.20.2 Derived By**

Type xs:integer

**4.7.20.3 Referenced By**

- Element [tns:job \[element listJobsResponse/data\]](#)

**4.7.21 Attribute: tns:memory [element listQueuesResponse/data/queue]****4.7.21.1 Description**

Represents the queue memory size.

**4.7.21.2 Derived By**

Type xs:integer

**4.7.21.3 Referenced By**

- Element [tns:queue \[element listQueuesResponse/data\]](#)

**4.7.22 Attribute: tns:name [element listQueuesResponse/data/queue]****4.7.22.1 Description**

Is the queue name.

**4.7.22.2 Derived By**

Type xs:string

**4.7.22.3 Referenced By**

- Element **tns:queue** [element **listQueuesResponse/data**]

**4.7.23 Attribute: tns:nbCpus** [element **listJobsResponse/data/job**]**4.7.23.1 Description**

Is the number of cpu used by the job.

**4.7.23.2 Derived By**

Type xs:integer

**4.7.23.3 Referenced By**

- Element **tns:job** [element **listJobsResponse/data**]

**4.7.24 Attribute: tns:nbJobsInQueue** [element **listQueuesResponse/data/queue**]**4.7.24.1 Description**

Is the total number of jobs in the queue.

**4.7.24.2 Derived By**

Type xs:integer

**4.7.24.3 Referenced By**

- Element **tns:queue** [element **listQueuesResponse/data**]

**4.7.25 Attribute: tns:nbNodes** [element **listJobsResponse/data/job**]**4.7.25.1 Description**

Is the total number of nodes used by the job.

**4.7.25.2 Derived By**

Type xs:integer

**4.7.25.3 Referenced By**

- Element **tns:job** [element **listJobsResponse/data**]

**4.7.26 Attribute: tns:nbNodesAndCpuPerNode [element listJobsResponse/data/job]****4.7.26.1 Description**

Is the number of nodes and processors per node used by the job.

**4.7.26.2 Derived By**

Type xs:string

**4.7.26.3 Referenced By**

- Element **tns:job** [element listJobsResponse/data]

**4.7.27 Attribute: tns:nbRunningJobs [element listQueuesResponse/data/queue]****4.7.27.1 Description**

Is the total running jobs in the queue.

**4.7.27.2 Derived By**

Type xs:integer

**4.7.27.3 Referenced By**

- Element **tns:queue** [element listQueuesResponse/data]

**4.7.28 Attribute: tns:node [element listQueuesResponse/data/queue]****4.7.28.1 Description**

Is the maximum number of nodes of the queue.

**4.7.28.2 Derived By**

Type xs:integer

**4.7.28.3 Referenced By**

- Element **tns:queue** [element listQueuesResponse/data]

**4.7.29 Attribute: tns:outputPath [element getCompletedJobsOutputResponse/data/jobresult]****4.7.29.1 Description**

Is the path to the job output results.

**4.7.29.2 Derived By**

Type xs:string

**4.7.29.3 Referenced By**

- Element [tns:jobresult \[element getCompletedJobsOutputResponse/data\]](#)

**4.7.30 Attribute: tns:outputPath [element listJobsResponse/data/job]****4.7.30.1 Description**

Is the path to the job output results.

**4.7.30.2 Derived By**

Type xs:string

**4.7.30.3 Referenced By**

- Element [tns:job \[element listJobsResponse/data\]](#)

**4.7.31 Attribute: tns:owner [element listJobsResponse/data/job]****4.7.31.1 Description**

Represents the job owner.

**4.7.31.2 Derived By**

Type xs:string

**4.7.31.3 Referenced By**

- Element [tns:job \[element listJobsResponse/data\]](#)

**4.7.32 Attribute: tns:percent [element getJobProgressResponse/data/progression]****4.7.32.1 Description**

Represent the job progression.

**4.7.32.2 Derived By**

Type xs:integer

**4.7.32.3 Referenced By**

- Element [tns:progression \[element getJobProgressResponse/data\]](#)

**4.7.33 Attribute: tns:priority [element listQueuesResponse/data/queue]****4.7.33.1 Description**

Represents the priority of the queue.

**4.7.33.2 Derived By**

Type **tns:QueuePriority**

**4.7.33.3 Enumeration****4.7.33.4 Referenced By**

- Element **tns:queue** [element **listQueuesResponse/data**]

**4.7.34 Attribute: tns:sessionId [element listJobsResponse/data/job]****4.7.34.1 Description**

Is the id of the session that contained the job submission command

**4.7.34.2 Derived By**

Type xs:string

**4.7.34.3 Referenced By**

- Element **tns:job** [element **listJobsResponse/data**]

**4.7.35 Attribute: tns:startTime [element getJobProgressResponse/data/progression]****4.7.35.1 Description**

Start date and time of the job (unix timestamp)

**4.7.35.2 Derived By**

Type xs:long

**4.7.35.3 Referenced By**

- Element **tns:progression** [element **getJobProgressResponse/data**]

**4.7.36 Attribute: tns:state [element listQueuesResponse/data/queue]****4.7.36.1 Description**

Is the status of the queue.

**4.7.36.2 Derived By**

Type **tns:QueueStatus**

**4.7.36.3 Enumeration****4.7.36.4 Referenced By**

- Element **tns:queue** [element **listQueuesResponse/data**]



**4.7.37 Attribute: tns:status [element getJobProgressResponse/data/progression]****4.7.37.1 Description**

Represents the job status.

**4.7.37.2 Derived By**

Type **tns:JobStatus**

**4.7.37.3 Enumeration****4.7.37.4 Referenced By**

- Element **tns:progression** [element getJobProgressResponse/data]

**4.7.38 Attribute: tns:status [element listJobsResponse/data/job]****4.7.38.1 Description**

The current status of the job.

**4.7.38.2 Derived By**

Type **tns:JobStatus**

**4.7.38.3 Enumeration****4.7.38.4 Referenced By**

- Element **tns:job** [element listJobsResponse/data]

**4.7.39 Attribute: tns:submitDate [element listJobsResponse/data/job]****4.7.39.1 Description**

Date and time when job was submitted (unix timestamp)

**4.7.39.2 Derived By**

Type xs:long

**4.7.39.3 Referenced By**

- Element **tns:job** [element listJobsResponse/data]

**4.7.40 Attribute: tns:submitMachineId [element listJobsResponse/data/job]****4.7.40.1 Description**

Is the id of the machine on which the job has been submitted.

**4.7.40.2 Derived By**

Type xs:string

**4.7.40.3 Referenced By**

- Element [tns:job \[element listJobsResponse/data\]](#)

**4.7.41 Attribute: tns:submitMachineName [element listJobsResponse/data/job]****4.7.41.1 Description**

Is the name of the machine on which the job has been submitted.

**4.7.41.2 Derived By**

Type xs:string

**4.7.41.3 Referenced By**

- Element [tns:job \[element listJobsResponse/data\]](#)

**4.7.42 Attribute: tns:wallClockLimit [element listJobsResponse/data/job]****4.7.42.1 Description**

Is the maximum wall-clock time during which the job can run (in seconds)

**4.7.42.2 Derived By**

Type xs:long

**4.7.42.3 Referenced By**

- Element [tns:job \[element listJobsResponse/data\]](#)

**4.7.43 Attribute: tns:wallTime [element getJobProgressResponse/data/progression]****4.7.43.1 Description**

Represents the job wall time.

**4.7.43.2 Derived By**

Type xs:integer

**4.7.43.3 Referenced By**

- Element [tns:progression \[element getJobProgressResponse/data\]](#)

**4.7.44 Attribute: tns:wallTime [element listQueuesResponse/data/queue]****4.7.44.1 Description**

Is the total wallTime of the queue.

**4.7.44.2 Derived By**

Type xs:long

**4.7.44.3 Referenced By**

- Element [tns:queue \[element listQueuesResponse/data\]](#)

## 5 VishnuIMSService Web Service

**5.1 Type**

SOAP

**5.2 Style**

Document

**5.3 See Also**

[Methods](#) , [Simple Types](#) , [Elements](#) , [Attributes](#) ,

**5.4 Methods: VishnuIMSService****5.4.1 Methods****5.4.2 Method: exportCommands****5.4.2.1 Description**

exports all the commands made by a user during a session

**5.4.2.2 Action****5.4.2.3 Style**

Document

**5.4.2.4 Input (Literal)**

The input of this method is the document element [tns:exportCommandsRequest](#) having the structure defined by the following table.

#### 5.4.2.5 Output (Literal)

The output of this method is the document element `tns:exportCommandsResponse` that is always empty.

#### 5.4.2.6 Faults

### 5.4.3 Method: `getMetricCurrentValue`

#### 5.4.3.1 Description

displays the current values of system metrics

#### 5.4.3.2 Action

#### 5.4.3.3 Style

Document

#### 5.4.3.4 Input (Literal)

The input of this method is the document element `tns:getMetricCurrentValueRequest` having the structure defined by the following table.

#### 5.4.3.5 Output (Literal)

The output of this method is the document element `tns:getMetricCurrentValueResponse` having the structure defined by the following table.

#### 5.4.3.6 Faults

### 5.4.4 Method: `getMetricHistory`

#### 5.4.4.1 Description

displays the history of values of a system metric

#### 5.4.4.2 Action

#### 5.4.4.3 Style

Document

#### 5.4.4.4 Input (Literal)

The input of this method is the document element `tns:getMetricHistoryRequest` having the structure defined by the following table.

#### 5.4.4.5 Output (Literal)

The output of this method is the document element `tns:getMetricHistoryResponse` having the structure defined by the following table.

#### 5.4.4.6 Faults

### 5.4.5 Method: `getSystemInfo`

#### 5.4.5.1 Description

To get the system info on a machine

#### 5.4.5.2 Action

#### 5.4.5.3 Style

Document

#### 5.4.5.4 Input (Literal)

The input of this method is the document element `tns:getSystemInfoRequest` having the structure defined by the following table.

#### 5.4.5.5 Output (Literal)

The output of this method is the document element `tns:getSystemInfoResponse` having the structure defined by the following table.

#### 5.4.5.6 Faults

### 5.4.6 Method: `getUpdateFrequency`

#### 5.4.6.1 Description

gets the update frequency of the IMS database

#### 5.4.6.2 Action

#### 5.4.6.3 Style

Document

#### 5.4.6.4 Input (Literal)

The input of this method is the document element `tns:getUpdateFrequencyRequest` having the structure defined by the following table.

#### 5.4.6.5 Output (Literal)

The output of this method is the document element `tns:getUpdateFrequencyResponse` having the structure defined by the following table.

#### 5.4.6.6 Faults

## 5.5 Simple Types: `VishnuIMSService`

### 5.5.1 Simple Types

#### 5.5.2 Simple Type: `tns:ExportType`

##### 5.5.2.1 Derived By

Restricting `xs:string`

### 5.5.2.2 Enumeration

#### 5.5.2.3 Referenced By

- Element [tns:exportType](#) [element [exportCommandsRequest](#)]

### 5.5.3 Simple Type: [tns:MetricType](#)

#### 5.5.3.1 Derived By

Restricting [xs:string](#)

#### 5.5.3.2 Enumeration

#### 5.5.3.3 Referenced By

- Element [tns:metricType](#) [element [getMetricCurrentValueRequest](#)]
- Element [tns:type](#) [element [getMetricHistoryRequest](#)]
- Attribute [tns:type](#) [element [getMetricCurrentValueResponse/data/metric](#)]
- Attribute [tns:type](#) [element [getMetricHistoryResponse/data/metric](#)]

## 5.6 Elements: [VishnuIMSService](#)

### 5.6.1 Elements

#### 5.6.2 Element: [tns:COMPONENT\\_ERRORFault](#)

##### 5.6.2.1 Derived By

Restricting [xs:anyType](#)

##### 5.6.2.2 Content Model

Always empty.

#### 5.6.3 Element: [tns:data](#) [element [getMetricCurrentValueResponse](#)]

##### 5.6.3.1 Derived By

Restricting [xs:anyType](#)

##### 5.6.3.2 Content Model

Contains elements as defined in the following table.

##### 5.6.3.3 Referenced By

- Element [tns:getMetricCurrentValueResponse](#)

#### 5.6.4 Element: tns:data [element getMetricHistoryResponse]

##### 5.6.4.1 Derived By

Restricting xs:anyType

##### 5.6.4.2 Content Model

Contains elements as defined in the following table.

##### 5.6.4.3 Referenced By

- Element [tns:getMetricHistoryResponse](#)

#### 5.6.5 Element: tns:data [element getSystemInfoResponse]

##### 5.6.5.1 Derived By

Restricting xs:anyType

##### 5.6.5.2 Content Model

Contains elements as defined in the following table.

##### 5.6.5.3 Referenced By

- Element [tns:getSystemInfoResponse](#)

#### 5.6.6 Element: tns:DB\_ERRORFault

##### 5.6.6.1 Derived By

Restricting xs:anyType

##### 5.6.6.2 Content Model

Always empty.

#### 5.6.7 Element: tns:endTime [element getMetricHistoryRequest]

##### 5.6.7.1 Description

The end time to get the history

##### 5.6.7.2 Derived By

Type xs:long

##### 5.6.7.3 Referenced By

- Element [tns:getMetricHistoryRequest](#)

### 5.6.8 Element: `tns:exportCommandsRequest`

#### 5.6.8.1 Derived By

Restricting `xs:anyType`

#### 5.6.8.2 Content Model

Contains elements as defined in the following table.

### 5.6.9 Element: `tns:exportCommandsResponse`

#### 5.6.9.1 Derived By

Restricting `xs:anyType`

#### 5.6.9.2 Content Model

Always empty.

### 5.6.10 Element: `tns:exportType` [element `exportCommandsRequest`]

#### 5.6.10.1 Description

The type to export

#### 5.6.10.2 Derived By

Type `tns:ExportType`

#### 5.6.10.3 Enumeration

#### 5.6.10.4 Referenced By

- Element `tns:exportCommandsRequest`

### 5.6.11 Element: `tns:freq` [element `getUpdateFrequencyResponse`]

#### 5.6.11.1 Description

Frequency the data are updated, in second

#### 5.6.11.2 Derived By

Type `xs:integer`

#### 5.6.11.3 Referenced By

- Element `tns:getUpdateFrequencyResponse`



**5.6.12 Element: tns:getMetricCurrentValueRequest****5.6.12.1 Derived By**

Restricting xs:anyType

**5.6.12.2 Content Model**

Contains elements as defined in the following table.

**5.6.13 Element: tns:getMetricCurrentValueResponse****5.6.13.1 Derived By**

Restricting xs:anyType

**5.6.13.2 Content Model**

Contains elements as defined in the following table.

**5.6.14 Element: tns:getMetricHistoryRequest****5.6.14.1 Derived By**

Restricting xs:anyType

**5.6.14.2 Content Model**

Contains elements as defined in the following table.

**5.6.15 Element: tns:getMetricHistoryResponse****5.6.15.1 Derived By**

Restricting xs:anyType

**5.6.15.2 Content Model**

Contains elements as defined in the following table.

**5.6.16 Element: tns:getSystemInfoRequest****5.6.16.1 Derived By**

Restricting xs:anyType

**5.6.16.2 Content Model**

Contains elements as defined in the following table.

**5.6.17 Element: tns:getSystemInfoResponse****5.6.17.1 Derived By**

Restricting xs:anyType

**5.6.17.2 Content Model**

Contains elements as defined in the following table.

**5.6.18 Element: tns:getUpdateFrequencyRequest****5.6.18.1 Derived By**

Restricting xs:anyType

**5.6.18.2 Content Model**

Contains elements as defined in the following table.

**5.6.19 Element: tns:getUpdateFrequencyResponse****5.6.19.1 Derived By**

Restricting xs:anyType

**5.6.19.2 Content Model**

Contains elements as defined in the following table.

**5.6.20 Element: tns:INVALID\_PARAMETERFault****5.6.20.1 Derived By**

Restricting xs:anyType

**5.6.20.2 Content Model**

Always empty.

**5.6.21 Element: tns:machineId [element getMetricCurrentValueRequest]****5.6.21.1 Description**

The id of the machine

**5.6.21.2 Derived By**

Type xs:string

**5.6.21.3 Referenced By**

- Element [tns:getMetricCurrentValueRequest](#)

**5.6.22 Element: tns:machineId [element getMetricHistoryRequest]****5.6.22.1 Description**

The id of the machine

**5.6.22.2 Derived By**

Type xs:string

**5.6.22.3 Referenced By**

- Element [tns:getMetricHistoryRequest](#)

**5.6.23 Element: tns:machineId [element getSystemInfoRequest]****5.6.23.1 Description**

The machine id

**5.6.23.2 Derived By**

Type xs:string

**5.6.23.3 Referenced By**

- Element [tns:getSystemInfoRequest](#)

**5.6.24 Element: tns:metric [element getMetricCurrentValueResponse/data]****5.6.24.1 Derived By**

Restricting xs:anyType

**5.6.24.2 Attributes****5.6.24.3 Content Model**

Always empty.

**5.6.24.4 Referenced By**

- Element [tns:data \[element getMetricCurrentValueResponse\]](#)

**5.6.25 Element: tns:metric [element getMetricHistoryResponse/data]****5.6.25.1 Derived By**

Restricting xs:anyType

#### 5.6.25.2 Attributes

#### 5.6.25.3 Content Model

Always empty.

#### 5.6.25.4 Referenced By

- Element [tns:data \[element getMetricHistoryResponse\]](#)

### 5.6.26 Element: [tns:metricType \[element getMetricCurrentValueRequest\]](#)

#### 5.6.26.1 Description

The type of the metric

#### 5.6.26.2 Derived By

Type [tns:MetricType](#)

#### 5.6.26.3 Enumeration

#### 5.6.26.4 Referenced By

- Element [tns:getMetricCurrentValueRequest](#)

### 5.6.27 Element: [tns:oldSessionId \[element exportCommandsRequest\]](#)

#### 5.6.27.1 Description

The id of the session to export (session has ended)

#### 5.6.27.2 Derived By

Type [xs:string](#)

#### 5.6.27.3 Referenced By

- Element [tns:exportCommandsRequest](#)

### 5.6.28 Element: [tns:SESSION\\_KEY\\_EXPIREDFault](#)

#### 5.6.28.1 Derived By

Restricting [xs:anyType](#)

#### 5.6.28.2 Content Model

Always empty.

**5.6.29 Element: tns:SESSION\_KEY\_NOT\_FOUNDFault****5.6.29.1 Derived By**

Restricting xs:anyType

**5.6.29.2 Content Model**

Always empty.

**5.6.30 Element: tns:sessionKey [element exportCommandsRequest]****5.6.30.1 Description**

The session key

**5.6.30.2 Derived By**

Type xs:string

**5.6.30.3 Referenced By**

- Element [tns:exportCommandsRequest](#)

**5.6.31 Element: tns:sessionKey [element getMetricCurrentValueRequest]****5.6.31.1 Description**

The session key

**5.6.31.2 Derived By**

Type xs:string

**5.6.31.3 Referenced By**

- Element [tns:getMetricCurrentValueRequest](#)

**5.6.32 Element: tns:sessionKey [element getMetricHistoryRequest]****5.6.32.1 Description**

The session key

**5.6.32.2 Derived By**

Type xs:string

**5.6.32.3 Referenced By**

- Element [tns:getMetricHistoryRequest](#)

**5.6.33 Element: tns:sessionKey [element getSystemInfoRequest]****5.6.33.1 Description**

The session key

**5.6.33.2 Derived By**

Type xs:string

**5.6.33.3 Referenced By**

- Element [tns:getSystemInfoRequest](#)

**5.6.34 Element: tns:sessionKey [element getUpdateFrequencyRequest]****5.6.34.1 Description**

The session key

**5.6.34.2 Derived By**

Type xs:string

**5.6.34.3 Referenced By**

- Element [tns:getUpdateFrequencyRequest](#)

**5.6.35 Element: tns:startTime [element getMetricHistoryRequest]****5.6.35.1 Description**

The start time to get the history

**5.6.35.2 Derived By**

Type xs:long

**5.6.35.3 Referenced By**

- Element [tns:getMetricHistoryRequest](#)

**5.6.36 Element: tns:systeminfo [element getSystemInfoResponse/data]****5.6.36.1 Derived By**

Restricting xs:anyType

**5.6.36.2 Attributes****5.6.36.3 Content Model**

Always empty.

#### 5.6.36.4 Referenced By

- Element [tns:data \[element getSystemInfoResponse\]](#)

#### 5.6.37 Element: tns:type [element getMetricHistoryRequest]

##### 5.6.37.1 Description

The type of metric searched

##### 5.6.37.2 Derived By

Type [tns:MetricType](#)

##### 5.6.37.3 Enumeration

##### 5.6.37.4 Referenced By

- Element [tns:getMetricHistoryRequest](#)

#### 5.6.38 Element: tns:UNDEFINEDFault

##### 5.6.38.1 Derived By

Restricting xs:anyType

##### 5.6.38.2 Content Model

Always empty.

### 5.7 Attributes: VishnuIMSService

#### 5.7.1 Attributes

#### 5.7.2 Attribute: tns:diskSpace [element getSystemInfoResponse/data/systeminfo]

##### 5.7.2.1 Description

Amount of disk space available on the machine (in Bytes)

##### 5.7.2.2 Derived By

Type xs:long

##### 5.7.2.3 Referenced By

- Element [tns:systeminfo \[element getSystemInfoResponse/data\]](#)

#### 5.7.3 Attribute: tns:machineId [element getSystemInfoResponse/data/systeminfo]

##### 5.7.3.1 Description

The id of the machine

### 5.7.3.2 Derived By

Type xs:string

### 5.7.3.3 Referenced By

- Element [tns:systeminfo](#) [element [getSystemInfoResponse/data](#)]

### 5.7.4 Attribute: tns:memory [element [getSystemInfoResponse/data/systeminfo](#)]

#### 5.7.4.1 Description

Amount of RAM memory available on the machine (in Bytes)

#### 5.7.4.2 Derived By

Type xs:long

#### 5.7.4.3 Referenced By

- Element [tns:systeminfo](#) [element [getSystemInfoResponse/data](#)]

### 5.7.5 Attribute: tns:time [element [getMetricCurrentValueResponse/data/metric](#)]

#### 5.7.5.1 Description

The timestamp the metric had the value

#### 5.7.5.2 Derived By

Type xs:long

#### 5.7.5.3 Referenced By

- Element [tns:metric](#) [element [getMetricCurrentValueResponse/data](#)]

### 5.7.6 Attribute: tns:time [element [getMetricHistoryResponse/data/metric](#)]

#### 5.7.6.1 Description

The timestamp the metric had the value

#### 5.7.6.2 Derived By

Type xs:long

#### 5.7.6.3 Referenced By

- Element [tns:metric](#) [element [getMetricHistoryResponse/data](#)]



**5.7.7 Attribute: tns:type [element getMetricCurrentValueResponse/data/metric]****5.7.7.1 Description**

The type of the metric

**5.7.7.2 Derived By**

Type **tns:MetricType**

**5.7.7.3 Enumeration****5.7.7.4 Referenced By**

- Element **tns:metric** [element getMetricCurrentValueResponse/data]

**5.7.8 Attribute: tns:type [element getMetricHistoryResponse/data/metric]****5.7.8.1 Description**

The type of the metric

**5.7.8.2 Derived By**

Type **tns:MetricType**

**5.7.8.3 Enumeration****5.7.8.4 Referenced By**

- Element **tns:metric** [element getMetricHistoryResponse/data]

**5.7.9 Attribute: tns:value [element getMetricCurrentValueResponse/data/metric]****5.7.9.1 Description**

The value of the metric

**5.7.9.2 Derived By**

Type xs:long

**5.7.9.3 Referenced By**

- Element **tns:metric** [element getMetricCurrentValueResponse/data]

**5.7.10 Attribute: tns:value [element getMetricHistoryResponse/data/metric]****5.7.10.1 Description**

The value of the metric

#### 5.7.10.2 Derived By

Type xs:long

#### 5.7.10.3 Referenced By

- Element [tns:metric](#) [[element](#) [getMetricHistoryResponse/data](#)]

## 6 VishnuFMSService Web Service

### 6.1 Type

SOAP

### 6.2 Style

Document

### 6.3 See Also

[Methods](#) , [Simple Types](#) , [Elements](#) , [Attributes](#) ,

### 6.4 Methods: VishnuFMSService

#### 6.4.1 Methods

#### 6.4.2 Method: chGrp

##### 6.4.2.1 Description

changes group owner of remote files/directories.

##### 6.4.2.2 Action

##### 6.4.2.3 Style

Document

##### 6.4.2.4 Input (Literal)

The input of this method is the document element [tns:chGrpRequest](#) having the structure defined by the following table.

##### 6.4.2.5 Output (Literal)

The output of this method is the document element [tns:chGrpResponse](#) that is always empty.

##### 6.4.2.6 Faults

#### 6.4.3 Method: chMod

##### 6.4.3.1 Description

changes access rights of remote files/directories.

#### 6.4.3.2 Action

#### 6.4.3.3 Style

Document

#### 6.4.3.4 Input (Literal)

The input of this method is the document element `tns:chModRequest` having the structure defined by the following table.

#### 6.4.3.5 Output (Literal)

The output of this method is the document element `tns:chModResponse` that is always empty.

#### 6.4.3.6 Faults

### 6.4.4 Method: contentOfFile

#### 6.4.4.1 Description

displays content of files located on remote machines

#### 6.4.4.2 Action

#### 6.4.4.3 Style

Document

#### 6.4.4.4 Input (Literal)

The input of this method is the document element `tns:contentOfFileRequest` having the structure defined by the following table.

#### 6.4.4.5 Output (Literal)

The output of this method is the document element `tns:contentOfFileResponse` having the structure defined by the following table.

#### 6.4.4.6 Faults

### 6.4.5 Method: copyAsyncFile

#### 6.4.5.1 Description

executes an asynchronous copy of file.

#### 6.4.5.2 Action

#### 6.4.5.3 Style

Document

#### 6.4.5.4 Input (Literal)

The input of this method is the document element `tns:copyAsyncFileRequest` having the structure defined by the following table.

#### 6.4.5.5 Output (Literal)

The output of this method is the document element **tns:copyAsyncFileResponse** having the structure defined by the following table.

#### 6.4.5.6 Faults

#### 6.4.6 Method: copyFile

##### 6.4.6.1 Description

executes a synchronous copy of file.

##### 6.4.6.2 Action

##### 6.4.6.3 Style

Document

##### 6.4.6.4 Input (Literal)

The input of this method is the document element **tns:copyFileRequest** having the structure defined by the following table.

##### 6.4.6.5 Output (Literal)

The output of this method is the document element **tns:copyFileResponse** that is always empty.

##### 6.4.6.6 Faults

#### 6.4.7 Method: createDir

##### 6.4.7.1 Description

creates directories on remote machines.

##### 6.4.7.2 Action

##### 6.4.7.3 Style

Document

##### 6.4.7.4 Input (Literal)

The input of this method is the document element **tns:createDirRequest** having the structure defined by the following table.

##### 6.4.7.5 Output (Literal)

The output of this method is the document element **tns:createDirResponse** that is always empty.

##### 6.4.7.6 Faults

#### 6.4.8 Method: createFile

##### 6.4.8.1 Description

creates files on remote machines.

#### 6.4.8.2 Action

#### 6.4.8.3 Style

Document

#### 6.4.8.4 Input (Literal)

The input of this method is the document element `tns:createFileRequest` having the structure defined by the following table.

#### 6.4.8.5 Output (Literal)

The output of this method is the document element `tns:createFileResponse` that is always empty.

#### 6.4.8.6 Faults

### 6.4.9 Method: getFilesInfo

#### 6.4.9.1 Description

displays the information of files.

#### 6.4.9.2 Action

#### 6.4.9.3 Style

Document

#### 6.4.9.4 Input (Literal)

The input of this method is the document element `tns:getFilesInfoRequest` having the structure defined by the following table.

#### 6.4.9.5 Output (Literal)

The output of this method is the document element `tns:getFilesInfoResponse` having the structure defined by the following table.

#### 6.4.9.6 Faults

### 6.4.10 Method: headOfFile

#### 6.4.10.1 Description

displays a few first lines of files located on remote machines.

#### 6.4.10.2 Action

#### 6.4.10.3 Style

Document

#### 6.4.10.4 Input (Literal)

The input of this method is the document element `tns:headOfFileRequest` having the structure defined by the following table.

---

#### 6.4.10.5 Output (Literal)

The output of this method is the document element `tns:headOfFileResponse` having the structure defined by the following table.

#### 6.4.10.6 Faults

#### 6.4.11 Method: listDir

##### 6.4.11.1 Description

displays the content of a remote directory.

##### 6.4.11.2 Action

##### 6.4.11.3 Style

Document

##### 6.4.11.4 Input (Literal)

The input of this method is the document element `tns:listDirRequest` having the structure defined by the following table.

##### 6.4.11.5 Output (Literal)

The output of this method is the document element `tns:listDirResponse` having the structure defined by the following table.

##### 6.4.11.6 Faults

#### 6.4.12 Method: listFileTransfers

##### 6.4.12.1 Description

displays the history of all file transfers submitted by User.

##### 6.4.12.2 Action

##### 6.4.12.3 Style

Document

##### 6.4.12.4 Input (Literal)

The input of this method is the document element `tns:listFileTransfersRequest` having the structure defined by the following table.

##### 6.4.12.5 Output (Literal)

The output of this method is the document element `tns:listFileTransfersResponse` having the structure defined by the following table.

#### 6.4.12.6 Faults

### 6.4.13 Method: moveAsyncFile

#### 6.4.13.1 Description

executes an asynchronous move of file.

#### 6.4.13.2 Action

#### 6.4.13.3 Style

Document

#### 6.4.13.4 Input (Literal)

The input of this method is the document element **tns:moveAsyncFileRequest** having the structure defined by the following table.

#### 6.4.13.5 Output (Literal)

The output of this method is the document element **tns:moveAsyncFileResponse** having the structure defined by the following table.

#### 6.4.13.6 Faults

### 6.4.14 Method: moveFile

#### 6.4.14.1 Description

executes a synchronous move of file.

#### 6.4.14.2 Action

#### 6.4.14.3 Style

Document

#### 6.4.14.4 Input (Literal)

The input of this method is the document element **tns:moveFileRequest** having the structure defined by the following table.

#### 6.4.14.5 Output (Literal)

The output of this method is the document element **tns:moveFileResponse** that is always empty.

#### 6.4.14.6 Faults

### 6.4.15 Method: removeDir

#### 6.4.15.1 Description

removes directories (and subdirectories) from remote machines.

#### 6.4.15.2 Action

#### 6.4.15.3 Style

Document

#### 6.4.15.4 Input (Literal)

The input of this method is the document element `tns:removeDirRequest` having the structure defined by the following table.

#### 6.4.15.5 Output (Literal)

The output of this method is the document element `tns:removeDirResponse` that is always empty.

#### 6.4.15.6 Faults

#### 6.4.16 Method: removeFile

##### 6.4.16.1 Description

removes files from remote hosts.

##### 6.4.16.2 Action

##### 6.4.16.3 Style

Document

#### 6.4.16.4 Input (Literal)

The input of this method is the document element `tns:removeFileRequest` having the structure defined by the following table.

#### 6.4.16.5 Output (Literal)

The output of this method is the document element `tns:removeFileResponse` that is always empty.

#### 6.4.16.6 Faults

#### 6.4.17 Method: stopFileTransfer

##### 6.4.17.1 Description

stops an execution of a set of file transfers.

##### 6.4.17.2 Action

##### 6.4.17.3 Style

Document

#### 6.4.17.4 Input (Literal)

The input of this method is the document element `tns:stopFileTransferRequest` having the structure defined by the following table.



#### 6.4.17.5 Output (Literal)

The output of this method is the document element `tns:stopFileTransferResponse` that is always empty.

#### 6.4.17.6 Faults

#### 6.4.18 Method: tailOfFile

##### 6.4.18.1 Description

displays a few last lines of files located on remote machines

##### 6.4.18.2 Action

##### 6.4.18.3 Style

Document

##### 6.4.18.4 Input (Literal)

The input of this method is the document element `tns:tailOfFileRequest` having the structure defined by the following table.

##### 6.4.18.5 Output (Literal)

The output of this method is the document element `tns:tailOfFileResponse` having the structure defined by the following table.

##### 6.4.18.6 Faults

### 6.5 Simple Types: VishnuFMSService

#### 6.5.1 Simple Types

#### 6.5.2 Simple Type: tns:FileType

##### 6.5.2.1 Derived By

Restricting xs:string

##### 6.5.2.2 Enumeration

##### 6.5.2.3 Referenced By

- Element `tns:type [element getFilesInfoResponse]`

#### 6.5.3 Simple Type: tns:Status

##### 6.5.3.1 Derived By

Restricting xs:string

### 6.5.3.2 Enumeration

#### 6.5.3.3 Referenced By

- Element [tns:status \[element copyAsyncFileResponse\]](#)
- Element [tns:status \[element listFileTransfersRequest\]](#)
- Element [tns:status \[element moveAsyncFileResponse\]](#)
- Attribute [tns:status \[element listFileTransfersResponse/data/filetransfer\]](#)

### 6.5.4 Simple Type: tns:TransferCommand

#### 6.5.4.1 Derived By

Restricting xs:string

#### 6.5.4.2 Enumeration

#### 6.5.4.3 Referenced By

- Element [tns:trCommand \[element copyAsyncFileRequest\]](#)
- Element [tns:trCommand \[element copyAsyncFileResponse\]](#)
- Element [tns:trCommand \[element copyFileRequest\]](#)
- Element [tns:trCommand \[element moveAsyncFileRequest\]](#)
- Element [tns:trCommand \[element moveAsyncFileResponse\]](#)
- Element [tns:trCommand \[element moveFileRequest\]](#)
- Attribute [tns:trCommand \[element listFileTransfersResponse/data/filetransfer\]](#)

## 6.6 Elements: VishnuFMSService

### 6.6.1 Elements

#### 6.6.2 Element: tns:allFiles [element listDirRequest]

##### 6.6.2.1 Description

Allows to display all files including hidden files

##### 6.6.2.2 Derived By

Type xs:boolean

##### 6.6.2.3 Referenced By

- Element [tns:listDirRequest](#)

#### 6.6.3 Element: tns:atime [element getFilesInfoResponse]

##### 6.6.3.1 Description

The time of last access

### 6.6.3.2 Derived By

Type xs:long

### 6.6.3.3 Referenced By

- Element [tns:getFilesInfoResponse](#)

## 6.6.4 Element: tns:chGrpRequest

### 6.6.4.1 Derived By

Restricting xs:anyType

### 6.6.4.2 Content Model

Contains elements as defined in the following table.

## 6.6.5 Element: tns:chGrpResponse

### 6.6.5.1 Derived By

Restricting xs:anyType

### 6.6.5.2 Content Model

Always empty.

## 6.6.6 Element: tns:chModRequest

### 6.6.6.1 Derived By

Restricting xs:anyType

### 6.6.6.2 Content Model

Contains elements as defined in the following table.

## 6.6.7 Element: tns:chModResponse

### 6.6.7.1 Derived By

Restricting xs:anyType

### 6.6.7.2 Content Model

Always empty.

## 6.6.8 Element: tns:clientMachineId [element copyAsyncFileResponse]

### 6.6.8.1 Description

The client machine identifier

### 6.6.8.2 Derived By

Type xs:string

### 6.6.8.3 Referenced By

- Element [tns:copyAsyncFileResponse](#)

## 6.6.9 Element: tns:clientMachineId [element moveAsyncFileResponse]

### 6.6.9.1 Description

The client machine identifier

### 6.6.9.2 Derived By

Type xs:string

### 6.6.9.3 Referenced By

- Element [tns:moveAsyncFileResponse](#)

## 6.6.10 Element: tns:CONFIGNOTFOUNDFault

### 6.6.10.1 Derived By

Restricting xs:anyType

### 6.6.10.2 Content Model

Always empty.

## 6.6.11 Element: tns:contentOfFileRequest

### 6.6.11.1 Derived By

Restricting xs:anyType

### 6.6.11.2 Content Model

Contains elements as defined in the following table.

## 6.6.12 Element: tns:contentOfFileResponse

### 6.6.12.1 Derived By

Restricting xs:anyType

### 6.6.12.2 Content Model

Contains elements as defined in the following table.

**6.6.13 Element: tns:copyAsyncFileRequest****6.6.13.1 Derived By**

Restricting xs:anyType

**6.6.13.2 Content Model**

Contains elements as defined in the following table.

**6.6.14 Element: tns:copyAsyncFileResponse****6.6.14.1 Derived By**

Restricting xs:anyType

**6.6.14.2 Content Model**

Contains elements as defined in the following table.

**6.6.15 Element: tns:copyFileRequest****6.6.15.1 Derived By**

Restricting xs:anyType

**6.6.15.2 Content Model**

Contains elements as defined in the following table.

**6.6.16 Element: tns:copyFileResponse****6.6.16.1 Derived By**

Restricting xs:anyType

**6.6.16.2 Content Model**

Always empty.

**6.6.17 Element: tns:createDirRequest****6.6.17.1 Derived By**

Restricting xs:anyType

**6.6.17.2 Content Model**

Contains elements as defined in the following table.

**6.6.18 Element: tns:createDirResponse****6.6.18.1 Derived By**

Restricting xs:anyType

**6.6.18.2 Content Model**

Always empty.

**6.6.19 Element: tns:createFileRequest****6.6.19.1 Derived By**

Restricting xs:anyType

**6.6.19.2 Content Model**

Contains elements as defined in the following table.

**6.6.20 Element: tns:createFileResponse****6.6.20.1 Derived By**

Restricting xs:anyType

**6.6.20.2 Content Model**

Always empty.

**6.6.21 Element: tns:ctime [element getFilesInfoResponse]****6.6.21.1 Description**

The time of the last change of the inode information

**6.6.21.2 Derived By**

Type xs:long

**6.6.21.3 Referenced By**

- Element [tns:getFilesInfoResponse](#)

**6.6.22 Element: tns:data [element listDirResponse]****6.6.22.1 Derived By**

Restricting xs:anyType

**6.6.22.2 Content Model**

Contains elements as defined in the following table.

### 6.6.22.3 Referenced By

- Element [tns:listDirResponse](#)

## 6.6.23 Element: tns:data [element listFileTransfersResponse]

### 6.6.23.1 Derived By

Restricting xs:anyType

### 6.6.23.2 Content Model

Contains elements as defined in the following table.

### 6.6.23.3 Referenced By

- Element [tns:listFileTransfersResponse](#)

## 6.6.24 Element: tns:DB\_ERRORFault

### 6.6.24.1 Derived By

Restricting xs:anyType

### 6.6.24.2 Content Model

Always empty.

## 6.6.25 Element: tns:dest [element copyAsyncFileRequest]

### 6.6.25.1 Description

The path of the destination file

### 6.6.25.2 Derived By

Type xs:string

### 6.6.25.3 Referenced By

- Element [tns:copyAsyncFileRequest](#)

## 6.6.26 Element: tns:dest [element copyFileRequest]

### 6.6.26.1 Description

The path of the destination file

### 6.6.26.2 Derived By

Type xs:string

**6.6.26.3 Referenced By**

- Element [tns:copyFileRequest](#)

**6.6.27 Element: tns:dest [element moveAsyncFileRequest]****6.6.27.1 Description**

The path of the destination file

**6.6.27.2 Derived By**

Type xs:string

**6.6.27.3 Referenced By**

- Element [tns:moveAsyncFileRequest](#)

**6.6.28 Element: tns:dest [element moveFileRequest]****6.6.28.1 Description**

The path of the destination file

**6.6.28.2 Derived By**

Type xs:string

**6.6.28.3 Referenced By**

- Element [tns:moveFileRequest](#)

**6.6.29 Element: tns:destinationFilePath [element copyAsyncFileResponse]****6.6.29.1 Description**

The destination file path

**6.6.29.2 Derived By**

Type xs:string

**6.6.29.3 Referenced By**

- Element [tns:copyAsyncFileResponse](#)

**6.6.30 Element: tns:destinationFilePath [element moveAsyncFileResponse]****6.6.30.1 Description**

The destination file path



**6.6.30.2 Derived By**

Type xs:string

**6.6.30.3 Referenced By**

- Element [tns:moveAsyncFileResponse](#)

**6.6.31 Element: tns:destinationMachineld [element copyAsyncFileResponse]****6.6.31.1 Description**

The destination machine identifier

**6.6.31.2 Derived By**

Type xs:string

**6.6.31.3 Referenced By**

- Element [tns:copyAsyncFileResponse](#)

**6.6.32 Element: tns:destinationMachineld [element moveAsyncFileResponse]****6.6.32.1 Description**

The destination machine identifier

**6.6.32.2 Derived By**

Type xs:string

**6.6.32.3 Referenced By**

- Element [tns:moveAsyncFileResponse](#)

**6.6.33 Element: tns:DIETFault****6.6.33.1 Derived By**

Restricting xs:anyType

**6.6.33.2 Content Model**

Always empty.

**6.6.34 Element: tns:errorMsg [element copyAsyncFileResponse]****6.6.34.1 Description**

The eventual error message if the file transfer failed

**6.6.34.2 Derived By**

Type xs:string

**6.6.34.3 Referenced By**

- Element [tns:copyAsyncFileResponse](#)

**6.6.35 Element: tns:errorMsg [element moveAsyncFileResponse]****6.6.35.1 Description**

The eventual error message if the file transfer failed

**6.6.35.2 Derived By**

Type xs:string

**6.6.35.3 Referenced By**

- Element [tns:moveAsyncFileResponse](#)

**6.6.36 Element: tns:estring [element listDirResponse/data]****6.6.36.1 Derived By**

Restricting xs:anyType

**6.6.36.2 Attributes****6.6.36.3 Content Model**

Always empty.

**6.6.36.4 Referenced By**

- Element [tns:data](#) [element listDirResponse]

**6.6.37 Element: tns:fileContent [element contentOfFileResponse]****6.6.37.1 Description**

The content of the file

**6.6.37.2 Derived By**

Type xs:string

**6.6.37.3 Referenced By**

- Element [tns:contentOfFileResponse](#)

**6.6.38 Element: tns:fileContent [element headOfFileResponse]****6.6.38.1 Description**

The first "nLine" lines of the file

**6.6.38.2 Derived By**

Type xs:string

**6.6.38.3 Referenced By**

- Element [tns:headOfFileResponse](#)

**6.6.39 Element: tns:fileContent [element tailOfFileResponse]****6.6.39.1 Description**

The last "nLine" lines of the file

**6.6.39.2 Derived By**

Type xs:string

**6.6.39.3 Referenced By**

- Element [tns:tailOfFileResponse](#)

**6.6.40 Element: tns:filetransfer [element listFileTransfersResponse/data]****6.6.40.1 Derived By**

Restricting xs:anyType

**6.6.40.2 Attributes****6.6.40.3 Content Model**

Always empty.

**6.6.40.4 Referenced By**

- Element [tns:data \[element listFileTransfersResponse\]](#)

**6.6.41 Element: tns:fromMachineId [element listFileTransfersRequest]****6.6.41.1 Description**

the machine that is the source of the file transfer

**6.6.41.2 Derived By**

Type xs:string

**6.6.41.3 Referenced By**

- Element [tns:listFileTransfersRequest](#)

**6.6.42 Element: tns:fromMachineId [element stopFileTransferRequest]****6.6.42.1 Description**

the machine that is the source or destination of the file transfer

**6.6.42.2 Derived By**

Type xs:string

**6.6.42.3 Referenced By**

- Element [tns:stopFileTransferRequest](#)

**6.6.43 Element: tns:getFilesInfoRequest****6.6.43.1 Derived By**

Restricting xs:anyType

**6.6.43.2 Content Model**

Contains elements as defined in the following table.

**6.6.44 Element: tns:getFilesInfoResponse****6.6.44.1 Derived By**

Restricting xs:anyType

**6.6.44.2 Content Model**

Contains elements as defined in the following table.

**6.6.45 Element: tns:gid [element getFilesInfoResponse]****6.6.45.1 Description**

The group identifier of the owner

**6.6.45.2 Derived By**

Type xs:long

**6.6.45.3 Referenced By**

- Element [tns:getFilesInfoResponse](#)

**6.6.46 Element: tns:group [element chGrpRequest]****6.6.46.1 Description**

the new group owner of file/directory

**6.6.46.2 Derived By**

Type xs:string

**6.6.46.3 Referenced By**

- Element [tns:chGrpRequest](#)

**6.6.47 Element: tns:group [element getFilesInfoResponse]****6.6.47.1 Description**

The group name of the owner

**6.6.47.2 Derived By**

Type xs:string

**6.6.47.3 Referenced By**

- Element [tns:getFilesInfoResponse](#)

**6.6.48 Element: tns:headOfFileRequest****6.6.48.1 Derived By**

Restricting xs:anyType

**6.6.48.2 Content Model**

Contains elements as defined in the following table.

**6.6.49 Element: tns:headOfFileResponse****6.6.49.1 Derived By**

Restricting xs:anyType

**6.6.49.2 Content Model**

Contains elements as defined in the following table.

**6.6.50 Element: tns:INVALID\_PARAMFault****6.6.50.1 Derived By**

Restricting xs:anyType

#### 6.6.50.2 Content Model

Always empty.

#### 6.6.51 Element: tns:INVALID\_PATHFault

##### 6.6.51.1 Derived By

Restricting xs:anyType

#### 6.6.51.2 Content Model

Always empty.

#### 6.6.52 Element: tns:isRecursive [element copyAsyncFileRequest]

##### 6.6.52.1 Description

It specifies when the copy is recursive (case of directory) or not.

##### 6.6.52.2 Derived By

Type xs:boolean

##### 6.6.52.3 Referenced By

- Element [tns:copyAsyncFileRequest](#)

#### 6.6.53 Element: tns:isRecursive [element copyFileRequest]

##### 6.6.53.1 Description

It specifies when the copy is recursive (case of directory) or not.

##### 6.6.53.2 Derived By

Type xs:boolean

##### 6.6.53.3 Referenced By

- Element [tns:copyFileRequest](#)

#### 6.6.54 Element: tns:isRecursive [element moveAsyncFileRequest]

##### 6.6.54.1 Description

It specifies when the copy is recursive (case of directory) or not.

##### 6.6.54.2 Derived By

Type xs:boolean

**6.6.54.3 Referenced By**

- Element [tns:moveAsyncFileRequest](#)

**6.6.55 Element: tns:isRecursive [element moveFileRequest]****6.6.55.1 Description**

It specifies when the copy is recursive (case of directory) or not.

**6.6.55.2 Derived By**

Type xs:boolean

**6.6.55.3 Referenced By**

- Element [tns:moveFileRequest](#)

**6.6.56 Element: tns:isRecursive [element removeFileRequest]****6.6.56.1 Description**

It specifies when the remove command is recursive (case of directory) or not.

**6.6.56.2 Derived By**

Type xs:boolean

**6.6.56.3 Referenced By**

- Element [tns:removeFileRequest](#)

**6.6.57 Element: tns:listDirRequest****6.6.57.1 Derived By**

Restricting xs:anyType

**6.6.57.2 Content Model**

Contains elements as defined in the following table.

**6.6.58 Element: tns:listDirResponse****6.6.58.1 Derived By**

Restricting xs:anyType

**6.6.58.2 Content Model**

Contains elements as defined in the following table.

**6.6.59 Element: tns:listFileTransfersRequest****6.6.59.1 Derived By**

Restricting xs:anyType

**6.6.59.2 Content Model**

Contains elements as defined in the following table.

**6.6.60 Element: tns:listFileTransfersResponse****6.6.60.1 Derived By**

Restricting xs:anyType

**6.6.60.2 Content Model**

Contains elements as defined in the following table.

**6.6.61 Element: tns:longFormat [element listDirRequest]****6.6.61.1 Description**

It specifies the long display format (all available file informations)

**6.6.61.2 Derived By**

Type xs:boolean

**6.6.61.3 Referenced By**

- Element [tns:listDirRequest](#)

**6.6.62 Element: tns:mode [element chModRequest]****6.6.62.1 Description**

the access rigths of file/directory in octal system.

**6.6.62.2 Derived By**

Type xs:integer

**6.6.62.3 Referenced By**

- Element [tns:chModRequest](#)

**6.6.63 Element: tns:moveAsyncFileRequest****6.6.63.1 Derived By**

Restricting xs:anyType



#### 6.6.63.2 Content Model

Contains elements as defined in the following table.

#### 6.6.64 Element: tns:moveAsyncFileResponse

##### 6.6.64.1 Derived By

Restricting xs:anyType

##### 6.6.64.2 Content Model

Contains elements as defined in the following table.

#### 6.6.65 Element: tns:moveFileRequest

##### 6.6.65.1 Derived By

Restricting xs:anyType

##### 6.6.65.2 Content Model

Contains elements as defined in the following table.

#### 6.6.66 Element: tns:moveFileResponse

##### 6.6.66.1 Derived By

Restricting xs:anyType

##### 6.6.66.2 Content Model

Always empty.

#### 6.6.67 Element: tns:mtime [element getFilesInfoResponse]

##### 6.6.67.1 Description

The time of last modification

##### 6.6.67.2 Derived By

Type xs:long

##### 6.6.67.3 Referenced By

- Element [tns:getFilesInfoResponse](#)

#### 6.6.68 Element: tns:nline [element headOfFileRequest]

##### 6.6.68.1 Description

the number of line to get

**6.6.68.2 Derived By**

Type xs:integer

**6.6.68.3 Referenced By**

- Element [tns:headOfFileRequest](#)

**6.6.69 Element: tns:nline [element tailOfFileRequest]****6.6.69.1 Description**

the number of line to get

**6.6.69.2 Derived By**

Type xs:integer

**6.6.69.3 Referenced By**

- Element [tns:tailOfFileRequest](#)

**6.6.70 Element: tns:NO\_ADMINFault****6.6.70.1 Derived By**

Restricting xs:anyType

**6.6.70.2 Content Model**

Always empty.

**6.6.71 Element: tns:owner [element getFilesInfoResponse]****6.6.71.1 Description**

The name of the owner of the file

**6.6.71.2 Derived By**

Type xs:string

**6.6.71.3 Referenced By**

- Element [tns:getFilesInfoResponse](#)

**6.6.72 Element: tns:path [element chGrpRequest]****6.6.72.1 Description**

The file/directory following the pattern [host:]file path

**6.6.72.2 Derived By**

Type xs:string

**6.6.72.3 Referenced By**

- Element [tns:chGrpRequest](#)

**6.6.73 Element: tns:path [element chModRequest]****6.6.73.1 Description**

The file/directory following the pattern [host:]file path

**6.6.73.2 Derived By**

Type xs:string

**6.6.73.3 Referenced By**

- Element [tns:chModRequest](#)

**6.6.74 Element: tns:path [element contentOfFileRequest]****6.6.74.1 Description**

The file to display following the pattern [host:]file path

**6.6.74.2 Derived By**

Type xs:string

**6.6.74.3 Referenced By**

- Element [tns:contentOfFileRequest](#)

**6.6.75 Element: tns:path [element createDirRequest]****6.6.75.1 Description**

The directory to create following the pattern [host:]directory path.

**6.6.75.2 Derived By**

Type xs:string

**6.6.75.3 Referenced By**

- Element [tns:createDirRequest](#)

**6.6.76 Element: tns:path [element createFileRequest]****6.6.76.1 Description**

The file to create following the pattern [host:]file path.

**6.6.76.2 Derived By**

Type xs:string

**6.6.76.3 Referenced By**

- Element [tns:createFileRequest](#)

**6.6.77 Element: tns:path [element getFilesInfoRequest]****6.6.77.1 Description**

The file whose inode information will be displayed

**6.6.77.2 Derived By**

Type xs:string

**6.6.77.3 Referenced By**

- Element [tns:getFilesInfoRequest](#)

**6.6.78 Element: tns:path [element getFilesInfoResponse]****6.6.78.1 Description**

The path of the file

**6.6.78.2 Derived By**

Type xs:string

**6.6.78.3 Referenced By**

- Element [tns:getFilesInfoResponse](#)

**6.6.79 Element: tns:path [element headOfFileRequest]****6.6.79.1 Description**

The file following the pattern [host:]file path

**6.6.79.2 Derived By**

Type xs:string

**6.6.79.3 Referenced By**

- Element [tns:headOfFileRequest](#)

**6.6.80 Element: tns:path [element listDirRequest]****6.6.80.1 Description**

The directory to list following the pattern [host:]directory path

**6.6.80.2 Derived By**

Type xs:string

**6.6.80.3 Referenced By**

- Element [tns:listDirRequest](#)

**6.6.81 Element: tns:path [element removeDirRequest]****6.6.81.1 Description**

The directory to remove following the pattern [host:]directory path

**6.6.81.2 Derived By**

Type xs:string

**6.6.81.3 Referenced By**

- Element [tns:removeDirRequest](#)

**6.6.82 Element: tns:path [element removeFileRequest]****6.6.82.1 Description**

The file to remove following the pattern [host:]file path

**6.6.82.2 Derived By**

Type xs:string

**6.6.82.3 Referenced By**

- Element [tns:removeFileRequest](#)

**6.6.83 Element: tns:path [element tailOfFileRequest]****6.6.83.1 Description**

The file following the pattern [host:]file path

**6.6.83.2 Derived By**

Type xs:string

**6.6.83.3 Referenced By**

- Element [tns:tailOfFileRequest](#)

**6.6.84 Element: tns:perms [element getFilesInfoResponse]****6.6.84.1 Description**

The protection of the file

**6.6.84.2 Derived By**

Type xs:integer

**6.6.84.3 Referenced By**

- Element [tns:getFilesInfoResponse](#)

**6.6.85 Element: tns:removeDirRequest****6.6.85.1 Derived By**

Restricting xs:anyType

**6.6.85.2 Content Model**

Contains elements as defined in the following table.

**6.6.86 Element: tns:removeDirResponse****6.6.86.1 Derived By**

Restricting xs:anyType

**6.6.86.2 Content Model**

Always empty.

**6.6.87 Element: tns:removeFileRequest****6.6.87.1 Derived By**

Restricting xs:anyType

**6.6.87.2 Content Model**

Contains elements as defined in the following table.

**6.6.88 Element: tns:removeFileResponse****6.6.88.1 Derived By**

Restricting xs:anyType

**6.6.88.2 Content Model**

Always empty.

**6.6.89 Element: tns:RUNTIME\_ERRORFault****6.6.89.1 Derived By**

Restricting xs:anyType

**6.6.89.2 Content Model**

Always empty.

**6.6.90 Element: tns:SESSION\_KEY\_EXPIREDFault****6.6.90.1 Derived By**

Restricting xs:anyType

**6.6.90.2 Content Model**

Always empty.

**6.6.91 Element: tns:sessionKey [element chGrpRequest]****6.6.91.1 Description**

The session key

**6.6.91.2 Derived By**

Type xs:string

**6.6.91.3 Referenced By**

- Element [tns:chGrpRequest](#)

**6.6.92 Element: tns:sessionKey [element chModRequest]****6.6.92.1 Description**

The session key

**6.6.92.2 Derived By**

Type xs:string

**6.6.92.3 Referenced By**

- Element [tns:chModRequest](#)

**6.6.93 Element: tns:sessionKey [element contentOfFileRequest]****6.6.93.1 Description**

The session key

**6.6.93.2 Derived By**

Type xs:string

**6.6.93.3 Referenced By**

- Element [tns:contentOfFileRequest](#)

**6.6.94 Element: tns:sessionKey [element copyAsyncFileRequest]****6.6.94.1 Description**

The session key

**6.6.94.2 Derived By**

Type xs:string

**6.6.94.3 Referenced By**

- Element [tns:copyAsyncFileRequest](#)

**6.6.95 Element: tns:sessionKey [element copyFileRequest]****6.6.95.1 Description**

The session key

**6.6.95.2 Derived By**

Type xs:string

**6.6.95.3 Referenced By**

- Element [tns:copyFileRequest](#)

**6.6.96 Element: tns:sessionKey [element createDirRequest]****6.6.96.1 Description**

The session key



**6.6.96.2 Derived By**

Type xs:string

**6.6.96.3 Referenced By**

- Element [tns:createDirRequest](#)

**6.6.97 Element: tns:sessionKey [element createFileRequest]****6.6.97.1 Description**

The session key.

**6.6.97.2 Derived By**

Type xs:string

**6.6.97.3 Referenced By**

- Element [tns:createFileRequest](#)

**6.6.98 Element: tns:sessionKey [element getFilesInfoRequest]****6.6.98.1 Description**

The session key

**6.6.98.2 Derived By**

Type xs:string

**6.6.98.3 Referenced By**

- Element [tns:getFilesInfoRequest](#)

**6.6.99 Element: tns:sessionKey [element headOfFileRequest]****6.6.99.1 Description**

The session key

**6.6.99.2 Derived By**

Type xs:string

**6.6.99.3 Referenced By**

- Element [tns:headOfFileRequest](#)

**6.6.100 Element: tns:sessionKey [element listDirRequest]****6.6.100.1 Description**

The session key

**6.6.100.2 Derived By**

Type xs:string

**6.6.100.3 Referenced By**

- Element [tns:listDirRequest](#)

**6.6.101 Element: tns:sessionKey [element listFileTransfersRequest]****6.6.101.1 Description**

The session key

**6.6.101.2 Derived By**

Type xs:string

**6.6.101.3 Referenced By**

- Element [tns:listFileTransfersRequest](#)

**6.6.102 Element: tns:sessionKey [element moveAsyncFileRequest]****6.6.102.1 Description**

The session key

**6.6.102.2 Derived By**

Type xs:string

**6.6.102.3 Referenced By**

- Element [tns:moveAsyncFileRequest](#)

**6.6.103 Element: tns:sessionKey [element moveFileRequest]****6.6.103.1 Description**

The session key

**6.6.103.2 Derived By**

Type xs:string

**6.6.103.3 Referenced By**

- Element [tns:moveFileRequest](#)

**6.6.104 Element: tns:sessionKey [element removeDirRequest]****6.6.104.1 Description**

The session key

**6.6.104.2 Derived By**

Type xs:string

**6.6.104.3 Referenced By**

- Element [tns:removeDirRequest](#)

**6.6.105 Element: tns:sessionKey [element removeFileRequest]****6.6.105.1 Description**

The session key

**6.6.105.2 Derived By**

Type xs:string

**6.6.105.3 Referenced By**

- Element [tns:removeFileRequest](#)

**6.6.106 Element: tns:sessionKey [element stopFileTransferRequest]****6.6.106.1 Description**

The session key

**6.6.106.2 Derived By**

Type xs:string

**6.6.106.3 Referenced By**

- Element [tns:stopFileTransferRequest](#)

**6.6.107 Element: tns:sessionKey [element tailOfFileRequest]****6.6.107.1 Description**

The session key

**6.6.107.2 Derived By**

Type xs:string

**6.6.107.3 Referenced By**

- Element [tns:tailOfFileRequest](#)

**6.6.108 Element: tns:SESSIONKEY\_NOT\_FOUNDFault****6.6.108.1 Derived By**

Restricting xs:anyType

**6.6.108.2 Content Model**

Always empty.

**6.6.109 Element: tns:size [element copyAsyncFileResponse]****6.6.109.1 Description**

The size of the file

**6.6.109.2 Derived By**

Type xs:long

**6.6.109.3 Referenced By**

- Element [tns:copyAsyncFileResponse](#)

**6.6.110 Element: tns:size [element getFilesInfoResponse]****6.6.110.1 Description**

The size of the file in bytes

**6.6.110.2 Derived By**

Type xs:long

**6.6.110.3 Referenced By**

- Element [tns:getFilesInfoResponse](#)

**6.6.111 Element: tns:size [element moveAsyncFileResponse]****6.6.111.1 Description**

The size of the file

**6.6.111.2 Derived By**

Type xs:long

**6.6.111.3 Referenced By**

- Element [tns:moveAsyncFileResponse](#)

**6.6.112 Element: tns:sourceFilePath [element copyAsyncFileResponse]****6.6.112.1 Description**

The source file path

**6.6.112.2 Derived By**

Type xs:string

**6.6.112.3 Referenced By**

- Element [tns:copyAsyncFileResponse](#)

**6.6.113 Element: tns:sourceFilePath [element moveAsyncFileResponse]****6.6.113.1 Description**

The source file path

**6.6.113.2 Derived By**

Type xs:string

**6.6.113.3 Referenced By**

- Element [tns:moveAsyncFileResponse](#)

**6.6.114 Element: tns:sourceMachineId [element copyAsyncFileResponse]****6.6.114.1 Description**

The source machine identifier

**6.6.114.2 Derived By**

Type xs:string

**6.6.114.3 Referenced By**

- Element [tns:copyAsyncFileResponse](#)

**6.6.115 Element: tns:sourceMachineId [element moveAsyncFileResponse]****6.6.115.1 Description**

The source machine identifier

**6.6.115.2 Derived By**

Type xs:string

**6.6.115.3 Referenced By**

- Element [tns:moveAsyncFileResponse](#)

**6.6.116 Element: tns:src [element copyAsyncFileRequest]****6.6.116.1 Description**

The source file to copy following the pattern [host:]file path

**6.6.116.2 Derived By**

Type xs:string

**6.6.116.3 Referenced By**

- Element [tns:copyAsyncFileRequest](#)

**6.6.117 Element: tns:src [element copyFileRequest]****6.6.117.1 Description**

The source file to copy following the pattern [host:]file path

**6.6.117.2 Derived By**

Type xs:string

**6.6.117.3 Referenced By**

- Element [tns:copyFileRequest](#)

**6.6.118 Element: tns:src [element moveAsyncFileRequest]****6.6.118.1 Description**

The source file to move following the pattern [host:]file path

**6.6.118.2 Derived By**

Type xs:string

**6.6.118.3 Referenced By**

- Element [tns:moveAsyncFileRequest](#)

**6.6.119 Element: tns:src [element moveFileRequest]****6.6.119.1 Description**

The source file to move following the pattern [host:]file path

**6.6.119.2 Derived By**

Type xs:string

**6.6.119.3 Referenced By**

- Element [tns:moveFileRequest](#)

**6.6.120 Element: tns:start\_time [element copyAsyncFileResponse]****6.6.120.1 Description**

The start time of the file transfer

**6.6.120.2 Derived By**

Type xs:long

**6.6.120.3 Referenced By**

- Element [tns:copyAsyncFileResponse](#)

**6.6.121 Element: tns:start\_time [element moveAsyncFileResponse]****6.6.121.1 Description**

The start time of the file transfer

**6.6.121.2 Derived By**

Type xs:long

**6.6.121.3 Referenced By**

- Element [tns:moveAsyncFileResponse](#)

**6.6.122 Element: tns:status [element copyAsyncFileResponse]****6.6.122.1 Description**

The file transfer status

**6.6.122.2 Derived By**

Type [tns:Status](#)

**6.6.122.3 Enumeration****6.6.122.4 Referenced By**

- Element [tns:copyAsyncFileResponse](#)

**6.6.123 Element: tns:status [element listFileTransfersRequest]****6.6.123.1 Description**

the file transfer status

**6.6.123.2 Derived By**

Type [tns:Status](#)

**6.6.123.3 Enumeration****6.6.123.4 Referenced By**

- Element [tns:listFileTransfersRequest](#)

**6.6.124 Element: tns:status [element moveAsyncFileResponse]****6.6.124.1 Description**

The file transfer status

**6.6.124.2 Derived By**

Type [tns:Status](#)

**6.6.124.3 Enumeration****6.6.124.4 Referenced By**

- Element [tns:moveAsyncFileResponse](#)

**6.6.125 Element: tns:stopFileTransferRequest****6.6.125.1 Derived By**

Restricting xs:anyType

**6.6.125.2 Content Model**

Contains elements as defined in the following table.



**6.6.126 Element: tns:stopFileTransferResponse****6.6.126.1 Derived By**

Restricting xs:anyType

**6.6.126.2 Content Model**

Always empty.

**6.6.127 Element: tns:tailOfFileRequest****6.6.127.1 Derived By**

Restricting xs:anyType

**6.6.127.2 Content Model**

Contains elements as defined in the following table.

**6.6.128 Element: tns:tailOfFileResponse****6.6.128.1 Derived By**

Restricting xs:anyType

**6.6.128.2 Content Model**

Contains elements as defined in the following table.

**6.6.129 Element: tns:transferId [element copyAsyncFileResponse]****6.6.129.1 Description**

The file transfer identifier

**6.6.129.2 Derived By**

Type xs:string

**6.6.129.3 Referenced By**

- Element [tns:copyAsyncFileResponse](#)

**6.6.130 Element: tns:transferId [element listFileTransfersRequest]****6.6.130.1 Description**

a given transfer id

**6.6.130.2 Derived By**

Type xs:string

**6.6.130.3 Referenced By**

- Element [tns:listFileTransfersRequest](#)

**6.6.131 Element: tns:transferId [element moveAsyncFileResponse]****6.6.131.1 Description**

The file transfer identifier

**6.6.131.2 Derived By**

Type xs:string

**6.6.131.3 Referenced By**

- Element [tns:moveAsyncFileResponse](#)

**6.6.132 Element: tns:transferId [element stopFileTransferRequest]****6.6.132.1 Description**

a given transfer id

**6.6.132.2 Derived By**

Type xs:string

**6.6.132.3 Referenced By**

- Element [tns:stopFileTransferRequest](#)

**6.6.133 Element: tns:trCommand [element copyAsyncFileRequest]****6.6.133.1 Description**

the command to use to perform file transfer.

**6.6.133.2 Derived By**

Type [tns:TransferCommand](#)

**6.6.133.3 Enumeration****6.6.133.4 Referenced By**

- Element [tns:copyAsyncFileRequest](#)

**6.6.134 Element: tns:trCommand [element copyAsyncFileResponse]****6.6.134.1 Description**

The command used for the file transfer (scp or rsync)

**6.6.134.2 Derived By**

Type [tns:TransferCommand](#)

**6.6.134.3 Enumeration****6.6.134.4 Referenced By**

- Element [tns:copyAsyncFileResponse](#)

**6.6.135 Element: tns:trCommand [element copyFileRequest]****6.6.135.1 Description**

the command to use to perform file transfer.

**6.6.135.2 Derived By**

Type [tns:TransferCommand](#)

**6.6.135.3 Enumeration****6.6.135.4 Referenced By**

- Element [tns:copyFileRequest](#)

**6.6.136 Element: tns:trCommand [element moveAsyncFileRequest]****6.6.136.1 Description**

the command to use to perform file transfer.

**6.6.136.2 Derived By**

Type [tns:TransferCommand](#)

**6.6.136.3 Enumeration****6.6.136.4 Referenced By**

- Element [tns:moveAsyncFileRequest](#)

**6.6.137 Element: tns:trCommand [element moveAsyncFileResponse]****6.6.137.1 Description**

The command used for the file transfer (scp or rsync)

**6.6.137.2 Derived By**

Type [tns:TransferCommand](#)

**6.6.137.3 Enumeration****6.6.137.4 Referenced By**

- Element [tns:moveAsyncFileResponse](#)

**6.6.138 Element: tns:trCommand [element moveFileRequest]****6.6.138.1 Description**

the command to use to perform file transfer.

**6.6.138.2 Derived By**

Type [tns:TransferCommand](#)

**6.6.138.3 Enumeration****6.6.138.4 Referenced By**

- Element [tns:moveFileRequest](#)

**6.6.139 Element: tns:type [element getFilesInfoResponse]****6.6.139.1 Description**

The file type

**6.6.139.2 Derived By**

Type [tns:FileType](#)

**6.6.139.3 Enumeration****6.6.139.4 Referenced By**

- Element [tns:getFilesInfoResponse](#)

**6.6.140 Element: tns:uid [element getFilesInfoResponse]****6.6.140.1 Description**

The user identifier of the owner

**6.6.140.2 Derived By**

Type xs:long

**6.6.140.3 Referenced By**

- Element [tns:getFilesInfoResponse](#)

**6.6.141 Element: tns:UNDEFINEDFault****6.6.141.1 Derived By**

Restricting xs:anyType

**6.6.141.2 Content Model**

Always empty.

**6.6.142 Element: tns:UNKNOWN\_FILE\_TRANSFERFault****6.6.142.1 Derived By**

Restricting xs:anyType

**6.6.142.2 Content Model**

Always empty.

**6.6.143 Element: tns:UNKNOWN\_LOCAL\_ACCOUNTFault****6.6.143.1 Derived By**

Restricting xs:anyType

**6.6.143.2 Content Model**

Always empty.

**6.6.144 Element: tns:UNKNOWN\_MACHINEFault****6.6.144.1 Derived By**

Restricting xs:anyType

**6.6.144.2 Content Model**

Always empty.

**6.6.145 Element: tns:userId [element copyAsyncFileResponse]****6.6.145.1 Description**

The user identifier

**6.6.145.2 Derived By**

Type xs:string

**6.6.145.3 Referenced By**

- Element **tns:copyAsyncFileResponse**

**6.6.146 Element: tns:userId [element listFileTransfersRequest]****6.6.146.1 Description**

allows the admin to list file transfers initiated by a specific user

**6.6.146.2 Derived By**

Type xs:string

**6.6.146.3 Referenced By**

- Element [tns:listFileTransfersRequest](#)

**6.6.147 Element: tns:userId [element moveAsyncFileResponse]****6.6.147.1 Description**

The user identifier

**6.6.147.2 Derived By**

Type xs:string

**6.6.147.3 Referenced By**

- Element [tns:moveAsyncFileResponse](#)

**6.6.148 Element: tns:userId [element stopFileTransferRequest]****6.6.148.1 Description**

allows an admin to stop file transfers of a specific user

**6.6.148.2 Derived By**

Type xs:string

**6.6.148.3 Referenced By**

- Element [tns:stopFileTransferRequest](#)

**6.7 Attributes: VishnuFMSService****6.7.1 Attributes****6.7.2 Attribute: tns:clientMachineld [element listFileTransfersResponse/data/filetransfer]****6.7.2.1 Description**

The client machine identifier

#### 6.7.2.2 Derived By

Type xs:string

#### 6.7.2.3 Referenced By

- Element [tns:filetransfer \[element listFileTransfersResponse/data\]](#)

#### 6.7.3 Attribute: tns:destinationFilePath [element listFileTransfersResponse/data/filetransfer]

##### 6.7.3.1 Description

The destination file path

##### 6.7.3.2 Derived By

Type xs:string

##### 6.7.3.3 Referenced By

- Element [tns:filetransfer \[element listFileTransfersResponse/data\]](#)

#### 6.7.4 Attribute: tns:destinationMachineId [element listFileTransfersResponse/data/filetransfer]

##### 6.7.4.1 Description

The destination machine identifier

##### 6.7.4.2 Derived By

Type xs:string

##### 6.7.4.3 Referenced By

- Element [tns:filetransfer \[element listFileTransfersResponse/data\]](#)

#### 6.7.5 Attribute: tns:errorMsg [element listFileTransfersResponse/data/filetransfer]

##### 6.7.5.1 Description

The eventual error message if the file transfer failed

##### 6.7.5.2 Derived By

Type xs:string

##### 6.7.5.3 Referenced By

- Element [tns:filetransfer \[element listFileTransfersResponse/data\]](#)

**6.7.6 Attribute: tns:size [element listFileTransfersResponse/data/filetransfer]****6.7.6.1 Description**

The size of the file

**6.7.6.2 Derived By**

Type xs:long

**6.7.6.3 Referenced By**

- Element [tns:filetransfer \[element listFileTransfersResponse/data\]](#)

**6.7.7 Attribute: tns:sourceFilePath [element listFileTransfersResponse/data/filetransfer]****6.7.7.1 Description**

The source file path

**6.7.7.2 Derived By**

Type xs:string

**6.7.7.3 Referenced By**

- Element [tns:filetransfer \[element listFileTransfersResponse/data\]](#)

**6.7.8 Attribute: tns:sourceMachineId [element listFileTransfersResponse/data/filetransfer]****6.7.8.1 Description**

The source machine identifier

**6.7.8.2 Derived By**

Type xs:string

**6.7.8.3 Referenced By**

- Element [tns:filetransfer \[element listFileTransfersResponse/data\]](#)

**6.7.9 Attribute: tns:start\_time [element listFileTransfersResponse/data/filetransfer]****6.7.9.1 Description**

The start time of the file transfer

**6.7.9.2 Derived By**

Type xs:long



### 6.7.9.3 Referenced By

- Element [tns:filetransfer](#) [element [listFileTransfersResponse/data](#)]

### 6.7.10 Attribute: tns:status [element [listFileTransfersResponse/data/filetransfer](#)]

#### 6.7.10.1 Description

The file transfer status

#### 6.7.10.2 Derived By

Type [tns:Status](#)

#### 6.7.10.3 Enumeration

#### 6.7.10.4 Referenced By

- Element [tns:filetransfer](#) [element [listFileTransfersResponse/data](#)]

### 6.7.11 Attribute: tns:transferId [element [listFileTransfersResponse/data/filetransfer](#)]

#### 6.7.11.1 Description

The file transfer identifier

#### 6.7.11.2 Derived By

Type xs:string

#### 6.7.11.3 Referenced By

- Element [tns:filetransfer](#) [element [listFileTransfersResponse/data](#)]

### 6.7.12 Attribute: tns:trCommand [element [listFileTransfersResponse/data/filetransfer](#)]

#### 6.7.12.1 Description

The command used for the file transfer (scp or rsync)

#### 6.7.12.2 Derived By

Type [tns:TransferCommand](#)

#### 6.7.12.3 Enumeration

#### 6.7.12.4 Referenced By

- Element [tns:filetransfer](#) [element [listFileTransfersResponse/data](#)]

**6.7.13 Attribute: tns:userId [element listFileTransfersResponse/data/filetransfer]****6.7.13.1 Description**

The user identifier

**6.7.13.2 Derived By**

Type xs:string

**6.7.13.3 Referenced By**

- Element [tns:filetransfer \[element listFileTransfersResponse/data\]](#)

**6.7.14 Attribute: tns:value [element listDirResponse/data/estring]****6.7.14.1 Description**

The value of the estring attribute

**6.7.14.2 Derived By**

Type xs:string

**6.7.14.3 Referenced By**

- Element [tns:estring \[element listDirResponse/data\]](#)