

Resource - spmheaderrule

About this Resource

Defines a **Header Rule** resource as an entry within a given **Protocol Repair Message Table**. **Protocol Repair Message Tables** contain **Header Rules**, **Request Line Rules**, and **Status Line Rules**. These are maintained within a Message Table by segregated ID ranges. Header Rule resources must have IDs within the range 1 through 1000.

REST API Methods for this Resource

- GET spmmessagetable id - spmheaderrule
- GET spmmessagetable id - spmheaderrule id
- POST spmmessagetable id - spmheaderrule id
- PUT spmmessagetable id - spmheaderrule id
- DELETE spmmessagetable id - spmheaderrule id

Resource Schema

Configuration

Parameter Name	Required	Service Affecting	Data Type	Default Value	Possible Values	Description
Description	No	No	string	none	64 - Max Length	Description of Header Rule
ConditionExpression	No	No	string	none	255 - Max Length	Logical expression, including Condition Rule references, the logical operators && and , and parenthesis grouping. If the condition evaluates true then this header rule will be applied, otherwise it will not. Condition rule references are of the form \$(n), where 'n' is the row ID of the condition rule. If no logical expression is provided then the expression is evaluated as 'true'.

ResultType	Yes	No	Enum	1	Possible values: <ul style="list-style-type: none"> • 0 - eRtMandatory • 1 - eRtOptional 	Specifies the result type of the current rule to go on to the next rule. If eRtMandatory, and this rule fails, all other rules in this message table will be dropped. If eRtOptional, then continue to the next rule unconditionally.
HeaderName	Yes	No				The SIP header name.
HeaderOrdinal	Yes	No	int	1	Possible values: <ul style="list-style-type: none"> • -20 - Minimum • 20 - Maximum 	Where a message contains multiple headers of the same name, this specifies the ordinal position of the header being referred to by the rule. 0 indicates the rule applies to all headers of the same name. A positive number indicates the ordinal position of the header from the front, for example 2 means the second header of that name. A negative number indicates the ordinal position of the header from the back, for example -3 means the third-from-last header of that name.

HeaderAction	Yes	No	Enum	1	<p>Possible values:</p> <ul style="list-style-type: none"> • 0 - eSPRAction_AddModify • 1 - eSPRAction_Add • 2 - eSPRAction_Modify • 3 - eSPRAction_Drop • 4 - eSPRAction_CopyValue • 5 - eSPRAction_Ignore • 6 - eSPRAction_DrillDown 	<p>Indicates the action to take on the header as a whole. Supported values and their meaning are: Add - if the header is present then it is passed-through, otherwise it is added. Modify - if the header is present then it is modified, otherwise no action is taken. Remove - if the header is present then it is removed, otherwise no action is taken. The values of "CopyValue", "Ignore", and "DrillDown" don't apply at the header identification level.</p>
HeaderElementDescriptorList	No	No	string	none	300 - Max Length	<p>This is a comma-separated list of the element descriptor row IDs which are part of this header rule. There is a maximum of 50 members. There is no significance to the sequence of IDs in this list.</p>
HeaderParameterElementDescriptorList	No	No	string	none	60 - Max Length	<p>This is a comma-separated list of the element descriptor row IDs which are header parameters associated with this header rule. There is a maximum of 5 members. The sequence of this list is significant.</p>

<p>URIParameTerElementDescriptorList</p>	<p>No</p>	<p>No</p>	<p>string</p>	<p>none</p>	<p>60 - Max Length</p>	<p>This is a comma-separated list of the element descriptor row IDs which are URI parameters associated with this header rule. There is a maximum of 5 members. The sequence of this list is significant.</p>
<p>URIUserParameterElementDescriptorList</p>	<p>No</p>	<p>No</p>	<p>string</p>	<p>none</p>	<p>60 - Max Length</p>	<p>This is a comma-separated list of the element descriptor row IDs which are URI User parameters associated with this header rule. There is a maximum of 5 members. The sequence of this list is significant.</p>