

Resource - linkmonitor

About this Resource

Defines the Link Monitor Managed Object

REST API Methods for this Resource

- GET linkmonitor
- GET linkmonitor id
- POST linkmonitor id
- PUT linkmonitor id
- DELETE linkmonitor id
- POST linkmonitor - action resetlinkmonitorcounters

Resource Schema

Configuration

Parameter Name	Required	Service Affecting	Data Type	Default Value	Possible Values	Description
GWDescription	No	No	string	none	64 - Max Length	Assign an operator-friendly gateway description text configured by the operator for future reference.
HostType	Yes	No	Enum	0	Possible values: <ul style="list-style-type: none">• 0 - eHost• 1 - eGateway	Specifies whether the peer is a Host or Gateway that is being monitored.
HostIpAddress	Yes	No	string	none	255 - Max Length	Specifies the IP address or FQDN of the destination to be monitored. If HostType is eHost, this value could be an IP Address or an FQDN. If HostType is eGateway, this value is an IP Address of the gateway. If this host/gateway is reachable, it indicates that the WAN link is healthy.
TimeProbePeriod	Yes	No	int	10	Possible values: <ul style="list-style-type: none">• 5 - Minimum• 300 - Maximum	Specifies the poll frequency time in seconds, for testing the link status. The host or the nextthop gateway specified by HostIpAddress is probed for every TimeProbePeriod specified.
PollToDownState	Yes	No	int	3	Possible values: <ul style="list-style-type: none">• 1 - Minimum• 20 - Maximum	Specifies the number of failure attempts, to the probe in reaching the gateway, after which the gateway is declared to be in DOWN state. When the gateway is declared DOWN, the sequence of actions ("DownAction_x") are executed. Probes are continued to detect if the gateway becomes reachable again.

PollToServiceReadyState	Yes	No	int	3	Possible values: <ul style="list-style-type: none"> • 1 - Minimum • 20 - Maximum 	Specifies the number of success polls, from REACHABLE state for which the system must stay in the REACHABLE state, before being declared to be ready for service (i.e. for calls, data etc).
IdIPsec_1	No	Yes	int	0		Specifies the IPsec tunnel ID to be activated when this gateway is in use. The tunnel is terminated when this gateway is not in use.
IdIPsec_2	No	Yes	int	0		Specifies the IPsec tunnel ID to be activated when this gateway is in use. The tunnel is terminated when this gateway is not is use.
IdIPsec_3	No	Yes	int	0		Specifies the IPsec tunnel ID to be activated when this gateway is in use. The tunnel is terminated when this gateway is not in use.
IdIPsec_4	No	Yes	int	0		Specifies the IPsec tunnel ID to be activated when this gateway is in use. The tunnel is terminated when this gateway is not in use.
CACProfileID	No	No	int	0		Specifies the CAC profile ID associated with this gateway. For Host the CACProfileID is 0.

Runtime

Parameter Name	Description	Data Type	Possible Values
rt_HostIpAddress	Specifies the IP address of the host or gateway .	string	
rt_ServiceState	Indicates the state of the link monitoring the host or gateway.	Enum	Possible values: <ul style="list-style-type: none"> • 0 - GW_OPER_DOWN • 1 - GW_OPER_REACHABLE • 2 - GW_OPER_READY • 3 - GW_OPER_INITIALIZING
rt_InUse	Indicates if the current gateway is used as the default gateway.	Enum	Possible values: <ul style="list-style-type: none"> • 0 - GW_USE_STATUS_NA • 1 - GW_USE_STATUS_IN_USE • 2 - GW_USE_STATUS_NOT_USE