

# PUT staticipv6route id

## REST API Method: **PUT /rest/staticipv6route/{identifier}**

Creates a Static IPv6 Route given a specific ID and values.

### URL:

https://192.168.0.111/rest/staticipv6route/{identifier}



### HTTP Method



PUT

### Requires Authentication:

true

### Parameters

Parameter Name	Required	Service Affecting	Data Type	Default Value	Possible Values	Description
ipDestinationAddr	Yes	Yes	string	none	45 - Max Length	<p>Is the IP or IPv6 address of the destination host or subnet. In dotted-decimal notation for IPv4, and colon-hex notation for IPv6.</p> <p> If this is an IPv4 route and the <b>Destination IP Address</b> field and <b>Mask</b> field are both set to 0.0.0.0, then the static route is called the <b>IPv4 default static route</b>.</p> <p> If this is an IPv6 route and the <b>Destination IP Address</b> field is set to :: and the prefix/mask is set to 0 then the static route is called the <b>IPv6 default static route</b>.</p>

<b>ipDestinationMask</b>	Yes	Yes	string	none	23 - Max Length	<p><b>IPv4:</b> Is the network mask of the destination host or subnet, in dotted notation.</p> <div style="border: 1px solid black; padding: 5px;"> <p> If <b>Destination IP Address</b> field and <b>Mask</b> field are both set to 0.0.0.0, then the static route is called <b>default static route</b>.</p> </div> <p><b>IPv6:</b> Is the network prefix length for the destination host or subnet (i.e. 0-128).</p> <div style="border: 1px solid black; padding: 5px;"> <p> If <b>Destination IP Address</b> field is set to :: and the prefix is 0, then the static route is called <b>default static route</b>.</p> </div>
<b>ipGatewayType</b>	No	No	Enum	0	<p>Possible values:</p> <ul style="list-style-type: none"> <li>0 - ROUTE_ENTRY_INDIRECT</li> <li>1 - ROUTE_ENTRY_DIRECT</li> </ul>	<p>Specifies the route type (Global/Indirect or Link Local/Direct) for this IPv6 Static Route. Note: This option only applies to IPv6 static routes.</p>
<b>ipNextHopAddress</b>	Yes	Yes	string	none	45 - Max Length	<p>Is the IP or IPv6 address of the next-hop router. In dotted-decimal notation for IPv4, and colon-hex notation for IPv6.</p>
<b>ifName</b>	Yes	Yes	string	none	20 - Max Length	<p>Applicable to IPv6 Link Local routes only. This specifies the interface to use.</p>
<b>ipLinkMonitorEnabled</b>	No	No	Enum	0	<p>Possible values:</p> <ul style="list-style-type: none"> <li>0 - btFalse</li> <li>1 - btTrue</li> </ul>	<p>Specifies if this next-hop router is monitored by the link monitor. This field is automatically enabled when the link monitor selects this next-hop router as the gateway for monitoring.</p>

<b>ipStaticRouteMetric</b>	Yes	Yes	int	1	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 1 - Minimum</li> <li>• 255 - Maximum</li> </ul>	Is the routing cost of this route and hence indirectly specifies the preference of the route. Lower values indicate more preferred routes. Typical value is 1 for most static routes indicating that static routes are preferred to dynamic routes.
<b>ipAddressingMode</b>	No	No	Enum	0	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 0 - IPV4_ADDR_MODE</li> <li>• 1 - IPV6_ADDR_MODE</li> <li>• 2 - IPV4_AND_IPV6</li> </ul>	Specifies the address mode for this Static Route. Note only IPv4 and IPv6 are valid.