

> Host interface object

The following objects are directly related to the `hostinterface` API.

Host interface

The host interface object has the following properties.

Note that both IP and DNS are required. If you do not want to use DNS, set it to an empty string.

Property	Type	Description
<code>interfaceid</code>	string	<i>(readonly)</i> ID of the interface.
dns (required)	string	DNS name used by the interface. Can be empty if the connection is made via IP.
hostid (required)	string	ID of the host the interface belongs to.
ip (required)	string	IP address used by the interface. Can be empty if the connection is made via DNS.
main (required)	integer	Whether the interface is used as default on the host. Only one interface of some type can be set as default on a host. Possible values are: 0 - not default; 1 - default.
port (required)	string	Port number used by the interface. Can contain user macros.
type (required)	integer	Interface type. Possible values are: 1 - agent; 2 - SNMP; 3 - IPMI; 4 - JMX.
useip (required)	integer	Whether the connection should be made via IP. Possible values are: 0 - connect using host DNS name; 1 - connect using host IP address for this host interface.
<code>details</code>	array	Additional object for interface. Required if interface 'type' is SNMP.

Details tag

The details object has the following properties.

Property	Type	Description
version	integer	SNMP interface version. Posibile values are: 1 - SNMPv1; 2 - (default) - SNMPv2c; 3 - SNMPv3
bulk	integer	Whether to use bulk SNMP requests. Posibile values are: 0 - don't use bulk requests; 1 - (default) - use bulk requests.
community	string	SNMP community. Used only by SNMPv1 and SNMPv2 interfaces.
securityname	string	SNMPv3 security name. Used only by SNMPv3 interfaces.
securitylevel	integer	SNMPv3 security level. Used only by SNMPv3 interfaces. Posibile values are: 0 - (default) - noAuthNoPriv; 1 - authNoPriv; 2 - authPriv.
authpassphrase	string	SNMPv3 authentication passphrase. Used only by SNMPv3 interfaces.
privpassphrase	string	SNMPv3 privacy passphrase. Used only by SNMPv3 interfaces.
authprotocol	integer	SNMPv3 authentication protocol. Used only by SNMPv3 interfaces. Posibile values are: 0 - (default) - MD5; 1 - SHA.
privprotocol	integer	SNMPv3 privacy protocol. Used only by SNMPv3 interfaces. Posibile values are: 0 - (default) - DES; 1 - AES.
contextname	string	SNMPv3 context name. Used only by SNMPv3 interfaces.

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