NAME

Sys::Virt::NetworkPort – Represent & manage a libvirt virtual network port

DESCRIPTION

The `Sys::Virt::NetworkPort` module represents a port in a virtual network.

METHODS

my $uuid = $port–>**get_uuid()**

Returns a 16 byte long string containing the raw globally unique identifier (UUID) for the network port.

my $uuid = $port–>**get_uuid_string()**

Returns a printable string representation of the raw UUID, in the format 'XXXXXXXX–XXXX–XXXX–XXXX–XXXXXXXXXXXX'.

my $xml = $port–>**get_xml_description()**

Returns an XML document containing a complete description of the network port's configuration

$port–>**delete()**

Delete the network port from the managed network.

my $params = $port–>get_parameters($flags=0);

Get tunable parameters associated with the network port. The `$flags` parameter is currently unused and defaults to zero. The returned `$params` is a hash reference whose keys are one or more of the following constants:

Sys::Virt::NetworkPort::BANDWIDTH_IN_AVERAGE

The average inbound bandwidth

Sys::Virt::NetworkPort::BANDWIDTH_IN_BURST

The burstable inbound bandwidth

Sys::Virt::NetworkPort::BANDWIDTH_IN_FLOOR

The minimum inbound bandwidth

Sys::Virt::NetworkPort::BANDWIDTH_IN_PEAK

The peak inbound bandwidth

Sys::Virt::NetworkPort::BANDWIDTH_OUT_AVERAGE

The average outbound bandwidth

Sys::Virt::NetworkPort::BANDWIDTH_OUT_BURST

The burstable outbound bandwidth

Sys::Virt::NetworkPort::BANDWIDTH_OUT_PEAK

The peak outbound bandwidth

$port–>set_parameters($params, $flags=0);

Set tunable parameters associated with the network port. The `$flags` parameter is currently unused and defaults to zero. The `$params` parameter is a hash reference whose keys are one or more of the constants listed for `get_parameters`.

NETWORK PORT CREATION CONSTANTS

When creating network ports zero or more of the following constants may be used

Sys::Virt::NetworkPort::CREATE_RECLAIM

Providing configuration reclaiming a pre-existing network port.

Sys::Virt::NetworkPort::CREATE_VALIDATE

Validate the XML document against the XML schema

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SEE ALSO

Sys::Virt, Sys::Virt::Network, Sys::Virt::Error, `http://libvirt.org`