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Subject: Re: [PATCH][NETNS] Make ifindex generation per-namespace

Posted by [davem](#) on Tue, 09 Oct 2007 20:11:13 GMT

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From: ebiederm@xmission.com (Eric W. Biederman)

Date: Tue, 09 Oct 2007 11:43:58 -0600

> David Stevens <dlstevens@us.ibm.com> writes:

>

> > Sorry if this is a dumb question, but what is the model you intend for

> > SNMP? Do you want each namespace to be its own virtual machine with

> > its own, separate MIB?

>

> Each network namespace appears to user space as a completely separate

> network stack. So yes a separate instance of the MIB is appropriate.

We don't think you can validly do that, as David tried to explain.

The interface indexes are visible remotely to remote SNMP querying applications. They have to be unique within the physical system.

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