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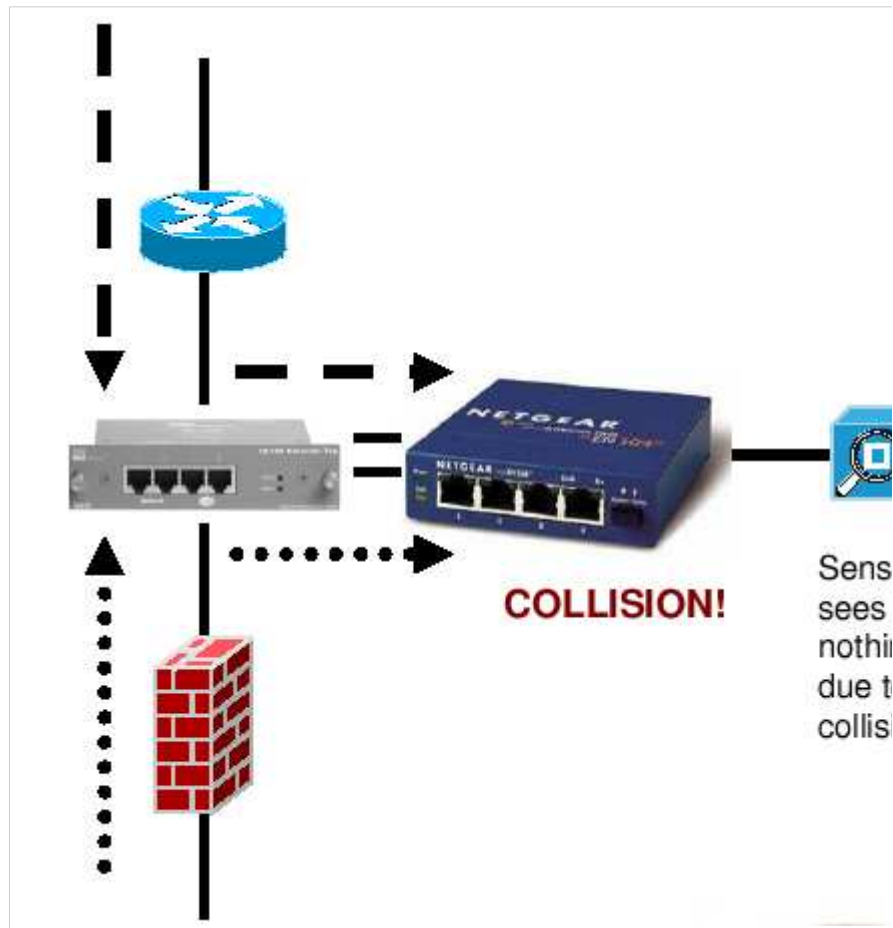
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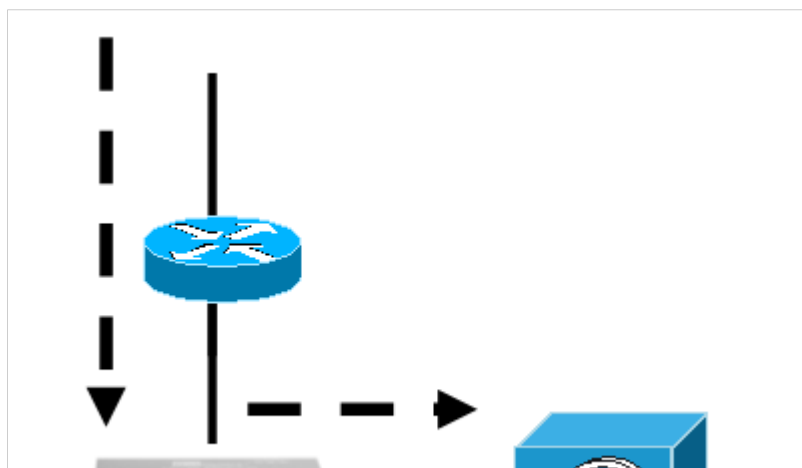
Monday, December 26, 2005

Taps and Hubs Never, Ever Mix

I've written about not using taps with hubs in [January 2004](#) and again in a prereview of [Snort Cookbook](#). The diagram below shows why it's a bad idea to try to "combine" outputs from a traditional [tap](#) into a hub.



The diagram shows a traditional two-output tap connecting to a hub. Why would someone do this? This unfortunate idea tries to give a sensor with a single sniffing interface the ability to see traffic from both tap outputs simultaneously. The proper way to address the issue is shown below.



Blog Archive

▼ 2007 (242)

▼ July (28)

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by TSSCI Blog](#)

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