CALLN

CALLN HOSTED CALL RECORDING
JUNIPER PORT MIRRORING SETUP

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1. Introduction

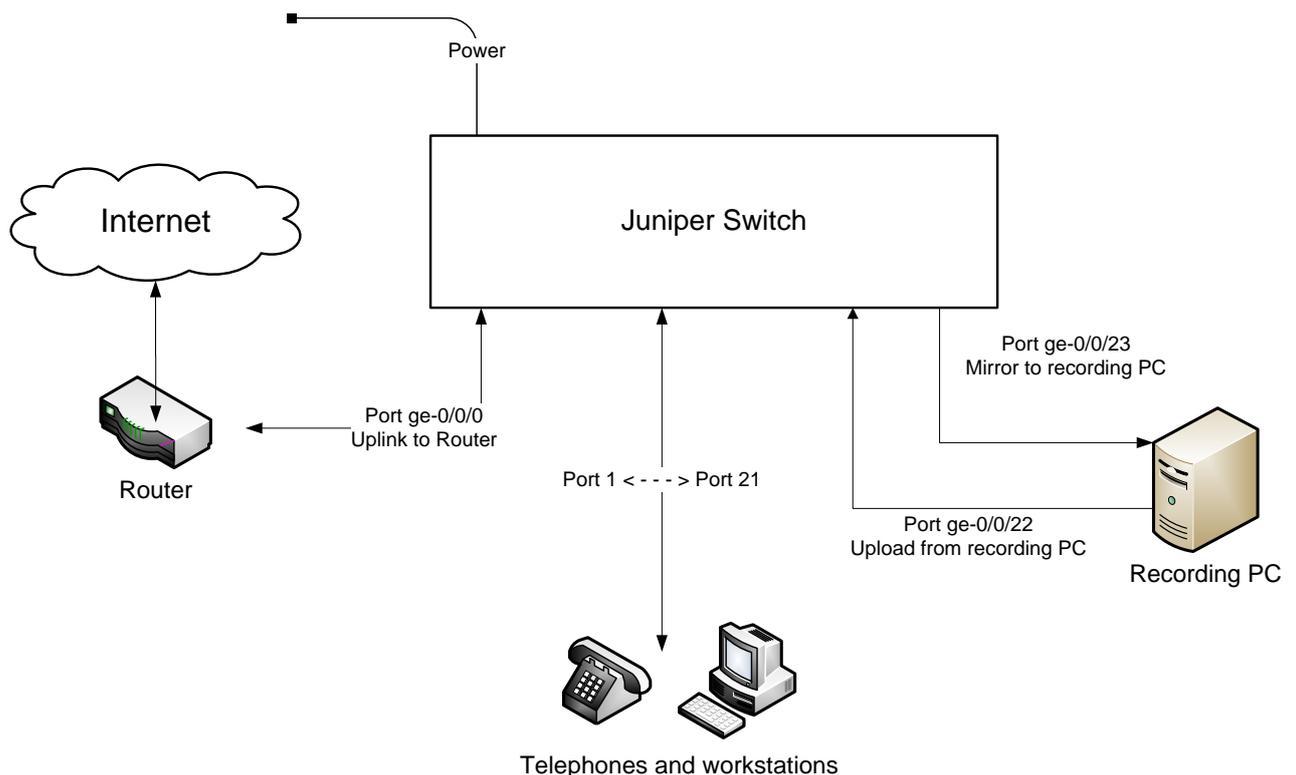This document describes how to configure your Juniper router for port mirroring that is running JUNOS software.

2. Connectivity

In this example, the unit will be configured to mirror all traffic to/from Port ge-0/0/0 onto Port ge-0/0/23.

Connect your internet router to Port ge-0/0/0.

Connect your computer which is running the CallN software to Port ge-0/0/23 for capture. Connect your computer which is running the CallN software to Port ge-0/0/22 for internet connectivity.

Please Note: Port ge-0/0/23 will NOT be able to be used for internet connectivity but only as a dedicated receiver of the mirrored traffic.

Power

Internet

Juniper Switch

Port ge-0/0/23
Mirror to recording PC

Port ge-0/0/0
Uplink to Router

Router

Port 1 < - - - > Port 21

Port ge-0/0/22
Upload from recording PC

Recording PC

Telephones and workstations

3. JUNOS Command Steps

The following example will create a simple port mirror of all traffic from Port ge-0/0/0 onto Port ge-0/0/23. We will call our mirror calln-monitor.

Set the mirror source:

set ethernet-switching-options analyzer calln-monitor input ingress interface ge-0/0/0.0

set ethernet-switching-options analyzer calln-monitor input egress interface ge-0/0/0.0

Set the destination port:

set ethernet-switching-options analyzer calln-monitor output interface ge-0/0/23.0

To save the changes:

Commit

Verify the configuration changes.

```
[edit]
user@switch# show
ethernet-switching-options {
    analyzer calln-monitor {
        input {
            ingress {
                interface ge-0/0/0.0;
            }
            egress {
                interface ge-0/0/0.0;
            }
        }
        output {
            interface {
                ge-0/0/23.0;
            }
        }
    }
}
```

3.1. Further Reading

http://www.juniper.net/techpubs/en_US/junos9.3/topics/example/port-mirroring-local-ex-series.html

http://www.juniper.net/techpubs/en_US/junos10.1/topics/example/port-mirroring-remote-ex-series.html