

APPLICATION NOTES

# HOW TO USE EXA8 AS NETFLOW PROBE?

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## Cubro EXA8

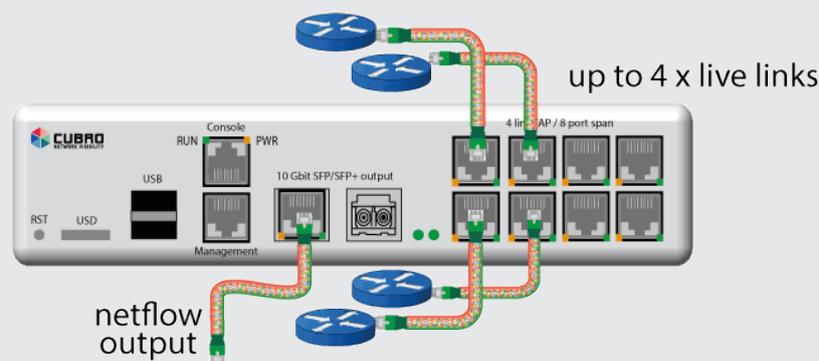
The Cubro EXA8 is a universal platform that is small in size yet powerful. It can be used for several monitoring applications for the enterprises, lab testing markets, and tactical markets.

The main components of this platform are 4 copper links (8 ports) and 2 x 10 Gbit SPF+ ports, a lot of CPU power and memory, USB 3.0 and M2 disc interface internally\*. The copper ports are links safe (TAPs) which enable the device to be used inline.

Especially, in an enterprise application, this is very useful and saves money because one unit can do tapping, aggregation, filtering, NetFlow and capturing the traffic.

The unit can be used inline because of the 4 integrated TAPs and with span ports or external TAPs. This gives a lot of possible functions and upgrade options. The upgrade and function changes can be done via the integrated USD card slot. The small mechanical dimension gives the option to mount two units in a one U 19" frame.

### How to use EXA8 as Netflow Probe?



The EXA8 has another interesting application. The appliance can work as Netflow Probe in combination with 4 link aggregator plus TAP (in line feature).

The unit can work in line because the integrated TAPs help to protect the live link in case of a power outage. The EXA8 can also aggregate the tapped links, and produce

Netflow CDRs to forward them to a Netflow collector.

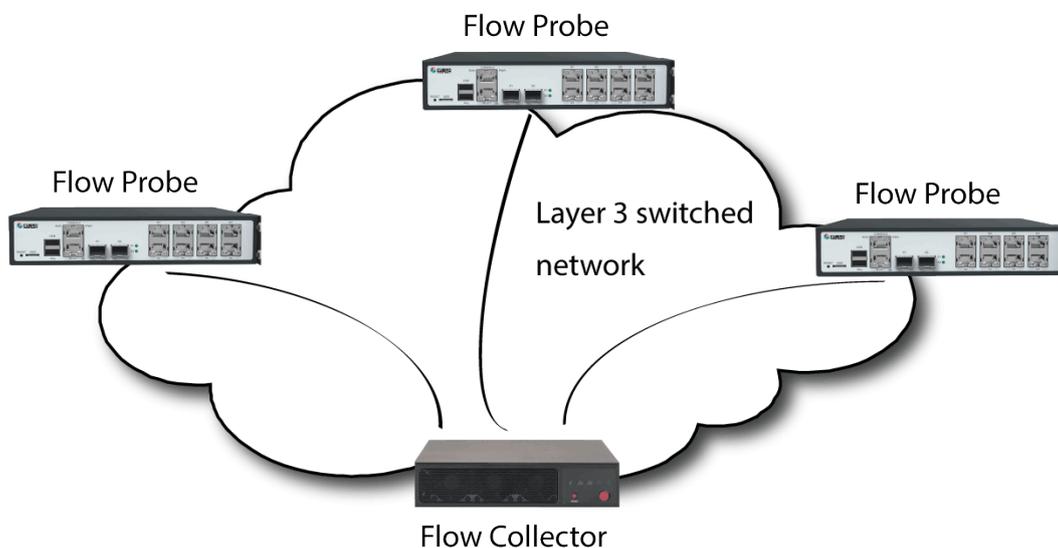
The advantage of this solution is the combination of the three features - tapping, aggregation and probing in one small light weight unit. The unit is easy to install and maintain. The EXA8 offers more features, better performance at a lower price.

\*M.2 is a specification for internal expansion cards on PC mainboards and notebook computers. M.2 was conceived as a successor of the mSATA interface and for the first time introduced by Intel in 2012 under the label Next Generation Form Factor (NGFF). As for usage and interface variety, M.2 is more flexible because not only SATA signals can be transmitted via the M.2 interface but also USB and PCIe. Thereby extended functions are possible e.g. the application of WLAN, Bluetooth, GPS or NFC cards. The M.2 Bus is very fast and there are different storage versions available.



The EXA8 comes in combination with a flow collector. The flow collector is a standard server with a collector software. There are several collector software applications, commercial and open source, available on the market.

Due to its size, integrated solution and cost-benefit, the EXA8, as Netflow Probe, is the perfect solution for a distributed flowmon solution. The solution can work in LAN or in WAN environments.



The Netflow Probe provides standard Netflow CDRs and therefore any Netflow collector can be used to handle the produced records.