Aggregation switches can aggregate uplinks

I"d like to know, is it possible to uplink a fiber link from the WS-C2960G-48TC-L to each of the core switches. Which means, there will be a fiber link from WS-C2960G-48TC-L to the first core ...

What you need is link aggregation (LAG), preferrably LACP which is an IEEE, vendor-agnostic aggregation protocol. Put the desired interfaces in an LACP trunk group on both sides and then ...

The value to Link Aggregation is that the two switches will treat multiple ports configured in a Link Aggregate Group (LAG) as a single trunk, providing increased total bandwidth, as well as redundancy.

They support link aggregation protocols such as Link Aggregation Control Protocol (LACP) and Static Link Aggregation, which allow multiple physical links to be combined into a single ...

Aggregating multiple links between physical interfaces creates a single logical point-to-point trunk link or a LAG. The LAG balances traffic across the member links within an aggregated Ethernet bundle and ...

High availability data center topologies typically provide redundancy protection at the expense of over-subscription by connecting Top-Of-Rack (TOR) switches and servers to dual aggregation switches.

So on both end devices (switch and Palo Alto), you will have port channel/aggregation of the interfaces. This is the same the way we provide uplinks between two switches through port/ether ...

Configure link redundancy in network topologies with dual uplink between different layers of the network. Configure UFD to achieve network path redundancy. Applicable products, versions, ports and ...

An Aggregation or "Top-of-Rack" switch is designed to connect everything in a rack at high speeds, then have an even bigger pipe out to the rest of the network.

Port aggregation can increase maximum throughput, and allow for network redundancy. It does this by splitting traffic across multiple ports instead of forcing clients to use a single uplink port on a switch.

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Web: https://busydoniemiecwaldii.pl