

Application Note

Aginode LANactive Fibre To The Office Switch and Fabric Attach functionality from Extreme Networks

Redundancy and Cascading in Software Defined Networks (SDNs)

Combined with a Fabric Attach Implementation Aginode LANactive takes advantage of an FTTO environment with Extreme Networks Fabric Connect, which is part of the Extreme Networks Automated Campus network solutions.

The core network component of Extreme Networks Automated Campus Network Solutions is Fabric Connect, an innovative implementation of Shortest Path Bridging (SPB), a technology based on two robust and proven technology components: Ethernet and IS-IS. In addition to being a more complex multiprotocol, Fabric Connect is a fully automated and virtualized multi-service and multitenant core with zero-touch configuration. Extreme Fabric Connect enables rapid deployment, configuration, troubleshooting, and failover. Even large, complex networks can be set up and operated with comparatively little effort, organized and possibly restructured.

With Fabric Attach, non-Fabric Connect systems can be incorporated into the topology and become part of the Extreme Networks Automated Campus.

For more information on the Extreme Automated Campus, visit the Extreme Networks website: <https://www.extremenetworks.com/automated-campus/>

The redundant connection of the FTTO switches enables a highly available network with simultaneous doubling of the available bandwidth. To obtain high-density topologies, FTTO switches can be cascaded without sacrificing high availability and bandwidth.

