

Router OTN Authentication



Overview

OTNSec encryption uses the Internet Key Exchange Version 2 (IKEv2) protocol to negotiate and establish IKEv2 and OTNSec Security Associations (SA). IKEv2 is used for device authentication in an encryption session and provides pre-shared keys (PSK) or RSA certificate-based. An OLT supports two types of registration mode—automatic registration and manual registration. You can manually register an ONT by defining an authentication registration rule and specifying the service template for configuring the ONT. It is simple to configure and reliable. After an ONU passes the. In the IP over DWDM Wikipedia page, we see this sentence: (this link) "A true IPoDWDM solution is implemented only when the IP Routers and Switches support ITU-T G. In this way, IP devices can monitor the optical path and implement the transport functionality as FEC (Forward Error Correction). What are default username and passwords for logging into an ONT?

Different ONTs and version have different user name and password, for example: • EG Series The default user name and password for common users are Epuser and userEp, respectively. • Other Series The default user name and password for. My physical network setup is like this: Fibre Optics from ISP > Splitter > PON Connector > ONT > From LAN1 of ONT to WAN on Wireless Router> Via Wi-Fi my other devices are connected My ONT Model: TP-Link XN020-G3v My wireless router model: TP-Link Archer D2 My ISP: BSNL FTTH Now this setup works. An optical network terminal (ONT) is a device that serves as the endpoint of an optical network, connecting users to the network.



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After automatic configuration of an ONT is enabled, the OLT automatically generates a rule template based on the serial number authentication mode (the line template specified in the

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As the Wikipedia page implies, we can say the OSPF on the router couldn't see the optical links' connectivity and, they are transparent to the router, ya? And if so, Doesn't the optical

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And if so, Doesn't the optical layer protection and restoration mechanism (OTN or SDH/SONET protection) intervene in IP layer protocols convergence like OSPF or even STP? What

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