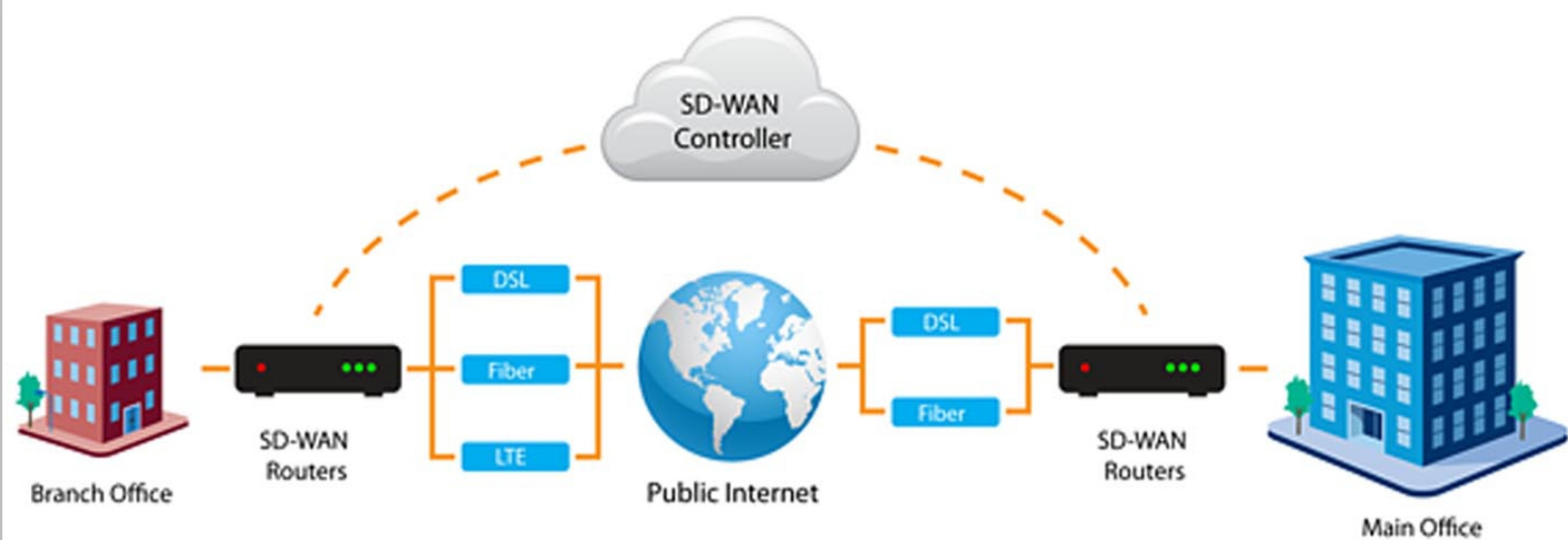


# SD WAN



**SOFTWARE DEFINED WAN**



**SevenMentor**  
PVT.LTD

## Introduction

Overview of Viptela Solution  
Viptela installation of vEdge  
Firewall Ports requirements  
Server hardware requirements  
vEdge to vEdge IPsec Tunnel

## Device Configuration & Linux Skills

Configuration Elements in a Device  
Trouble ticket  
SD-WAN Linux Skills

## vManage Tour & Feature Template

vManage Tour  
Feature Template

## OMP Overlay Management Protocol & TLOC

OMP Overlay Management Route  
Transport Locator TLOC  
Viptela Smart Policy : Theory  
vSmart Policy Overview  
Building blocks to vSmart policy  
vSmart Policy Execution & Example  
vSmart Policy Processing and Application

## Viptela Smart Policy

Viptela Policy  
Troubleshooting & Wrap up  
Viptela Troubleshooting



## **SDWAN Viptela Redundancy**

Introduction to Viptela VRRP  
Configuration & Verification of VRRP  
Introduction to Viptela TLOC  
Configuration and troubleshooting of Viptela TLOC

## **SDWAN Viptela Routing**

Introduction to Viptela OMP  
OMP & TLOC Routes & Service Routes  
Configuring OSPF  
Configuring BGP  
Route redistribution  
OMP Best path algorithm

## **Viptela Data Policy**

Service chaining  
NAT  
VPN membership policy  
Viptela App aware routing  
SLA Tracking

## **High availability**

vManage NMS Redundancy  
vSmart & vEdge Controller Redundancy  
Recovery in case of failure in Data and Control plane  
Using affinity for scalability  
Overview of SDN (Software Defined Network)

