SANGFOR SD-WAN
Software-Defined Wide-Area Network

Boost Your Branch Business With Sangfor SD-WAN

- Simplify Deployment & O&M
- Improve Branch User Work Efficiency & Increase Productivity
- Enhance Business Availability & Data Transmission Security
- Reduce Branch TCO & OPEX
Sangfor SD-WAN is the next generation network solution for enterprises. It can improve the ability for any headquarters to easily operate & maintain its branches and improve the branch user’s experience. This innovative solution can satisfy the requirements of different size offices with integrated dynamic path selection, application acceleration and bandwidth management. Those three core technologies are necessary to provide the best user experience and a highly efficient intranet. The branch device can also be quickly deployed online via zero-touch feature and the HQ IT team can orchestrate branch IT with full visual of the operation & centralized management to reduce deployment cycle and save high OPEX.
Core Features

Sangfor SD-WAN Core Technologies

The Most Secure & Easiest Installation
- Zero Touch Deployment
- Auto VPN
- NFV Deploy On-Demand

The Best User Experience
- Dynamic Path Selection
- Fail-Over
- Link Bonding
- Data Reduction
- Application Acceleration
- Bandwidth Management

The Most Convenient O&M
- Map Display of Branches
- VPN Topology Display
- Unified Policy Update
- Multi-Dimensional Alarm
- Login Remote Device

The Easiest Secure Deployment

Zero-Touch Deployment: Anyone in the branch office can finalize the device deployment, thus reducing the installation cycle. Deployment through email link is a secure method to ensure that only verified device(s) can connect to your network. You do not have to worry about a lost parcel or someone stealing your device, or your cloud multi-tenant management platform being controlled by hackers.

Auto VPN: No matter if it is a tree network or full mesh network, site-to-site connections via auto VPN do not require any configuration in branch offices.
The Best User Experience

**Dynamic Path Selection**
Automatically detects link quality based on packet loss, latency and jitter based on different needs of different applications to maximize the advantages of different WAN links.

**Link Bonding**
Bonding all WAN links as a resource pool, one application traffic can run in multiple WAN links to improve throughput of core business applications.

**Data Reduction**
By using byte cache to delete duplicate data and compression technology, network traffic can be rapidly reduced to maximize the throughput of WAN link.

**Application Acceleration**
The application acceleration technology is especially designed to accelerate the most common and popular business applications. It performs proxy to protocols of MAPI, HTTP/HTTPS, CIFS and SMTP, boosting performance of a wide range of applications such as Exchange, SharePoint, ERP, CRM, Lotus Notes, Backup, SAP, Disaster Recovery, FTP and so on.

**Transmission Optimization**
HTP (High-Speed Transmiss Protocol) technology is an optimization technology based on the transmission layer. It can improve link quality and transmission performance of applications and therefore help users gain better experience.

**Bandwidth Management**
Granular & dynamic bandwidth management can guarantee core business traffic and limit non-work related traffic in both VPN tunnel and internet to improve work efficiency and maximize the bandwidth value.
The Most Convenient O&M

Sangfor provides a centralized management platform BBC (Branch Business Center) to manage all Sangfor security products such as WANO/IAM/NGAF/aBOS. In this platform, the IT manager can get a full visualization and convenient management of all branches.

Large Map Screen Display of Branches
It is easy for the IT manager to get a full visual image of all branches. If any branch office has a network issue, it will show an alarm notification on the map.

Large Screen Display of VPN Topology
The IT manager can generate a VPN topology on a large screen display to quickly locate any offline branch offices.

Unified Policy Update
It is a hard thing for the IT manager update policy on each device one by one. Sangfor BBC provides a policy template for multi-branches, and the IT manager just needs to update template for those relevant branches. This feature can highly simplify IT work and reduce the workload.

Intelligent Monitoring
The IT manager can monitor the branches IT status in real-time and quickly adjust network policies.

Multi-Dimensional Alarms
Based on multi-dimensional alarms, such as branch device being out of performance, license about to expire, VPN disconnected, etc., the IT manager can quickly detect any issues and handle it, reducing the risk of loss productivity or monetary loss.

Sangfor SD-WAN Product Family

WANO: 4 in 1

- Application Acceleration
- Bandwidth Management
- Dynamic Path Selection
- Zero-touch Deployment
aBOS: NFV Deploy On-Demand

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BBC: Centralized Management

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Platform: HCI, VMware
Resource Requirement: 8 Core CPU, 16G Ram, 800G Disk
Boost Your Branch Business With Sangfor SD-WAN
AVAILABLE SOLUTIONS

IAM Simplify User & Network Management
NGAF Smarter Security Powered By AI
SD-WAN Boost Your Branch Business With Sangfor
WANO Enjoy a LAN Speed on your WAN
HCl Driving Hyperconvergence to Fully Converged
aCLOUD Enterprise Cloud Built on HCl
VDI Ultimate User Experience that Beats PC
aBOS The World First NFV Converged Gateway
BBC Centralized Management Platform

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