

Choosing the right SD-WAN solution

Enterprises today are becoming more nimble and distributed, with an increasingly mobile workforce and an expanding roster of applications. And with this transformation comes radically changing networking requirements at the branch, leading more organizations than ever to turn to SD-WAN solutions. In fact, according to the 2018 IDC Worldwide SD-WAN forecast, the SD-WAN infrastructure market’s compound annual growth rate for 2017-2022 will be 40.4 percent.

As you evaluate and compare SD-WAN solutions, consider the following must-have features.

| Features | Citrix SD-WAN | Option X | Option Y |
|---|---------------|----------|----------|
| Cloud Readiness for Simplified App Migration | | | |
| Integrated database of applications | • | | |
| Deep packet inspection engine | • | | |
| Stateful firewall | • | | |
| Real-time traffic steering | • | | |

| Features | Citrix SD-WAN | Option X | Option Y |
|--|---------------|----------|----------|
| WAN Virtualization for Efficiency | | | |
| WAN link bonding | • | | |
| Link monitoring (for loss, latency, jitter, and congestion) | • | | |
| Per-packet path selection | • | | |
| Packet duplication | • | | |
| Load balancing across links | • | | |
| Application Quality of Service (QoS) for Assured Delivery | | | |
| End-to-end QoS | • | | |
| Auto QoS for HDX | • | | |
| Dynamic Routing for Simplified Management | • | | |
| Support of BGP and OSPF routing | • | | |
| Dynamic routing with overlay routing mode or edge mode | • | | |
| Advanced Security for Uncompromised Performance | | | |
| AES 128-bit (default), AES 256-bit, or IPsec | • | | |
| Encrypted Key Rotation (default) every 10-15 mins | • | | |
| Stateful firewall | • | | |
| Next-generation firewall third-party integration | • | | |
| Application and WAN Optimization Usability and Bandwidth Efficiency | | | |
| Cross-session tokenized compression (de-duplication) | • | | |
| TCP flow control | • | | |
| Data compression | • | | |
| Protocol optimization | • | | |
| Management and Visibility for Centralized Policies | | | |
| Centralized policy definition | • | | |
| Zero-touch deployment | • | | |
| Automatic bandwidth detection and adaptive bandwidth control | • | | |
| HDX QoE visibility and reporting | • | | |
| Integration with Application Delivery Management for monitoring virtual app traffic over the WAN | • | | |

| Features | Citrix SD-WAN | Option X | Option Y |
|---------------------|---------------|----------|----------|
| Overall Assessment: | | | |
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