

# ExtremeCloud™ SD-WAN



## ワンネットワークで予測可能な ユーザー体験を実現

### 変革の加速

- スケールしたデジタルトランスフォーメーション
- アプリケーションの可視化と制御を備えたファブリックのブランチ拡張
- マルチクラウドと SaaS への接続を簡素化

### よりシンプルな WAN

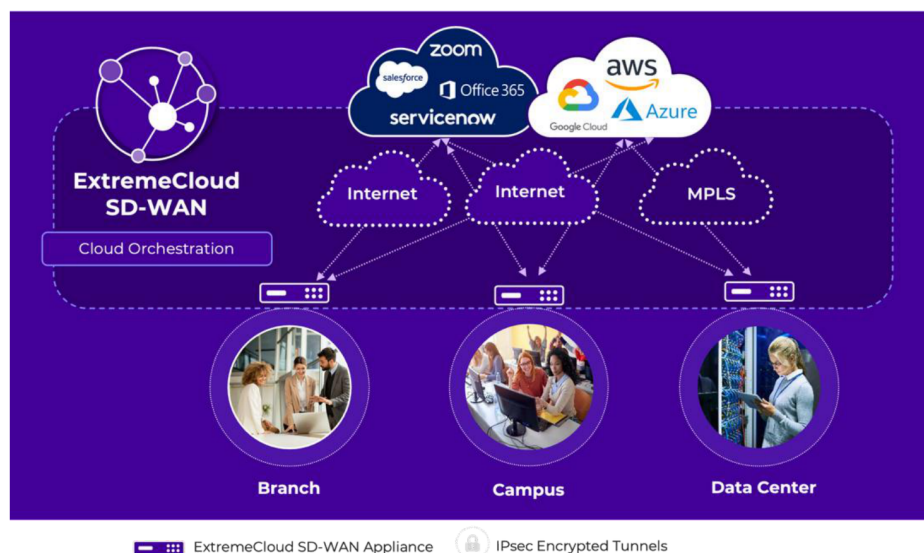
- 一元的な設定と管理
- セキュリティの複雑さを低減
- ポリシーによる目標と成果の整合が容易に

### 運用効率の向上

- 拠点の可用性と回復力の向上
- 根本原因分析と MTTR の迅速化
- プロセスと自動化の最適化

### より良い成果

- ビジネス俊敏性の向上
- データに基づく意思決定
- 生産性の向上



## リスクを低減し、運用をシンプルに

ExtremeCloud™ SD-WAN は、シンプルさ、セキュリティ、パフォーマンスを 1 つのソリューションに統合した、現代的な広域ネットワークのアプローチを提供します。今日の分散型エンタープライズ向けに設計されており、アプリケーション性能の向上と運用の複雑さの低減を支援します。ExtremeCloud SD-WAN は、Extreme Fabric との併用を含め、ブランチ、キャンパス、リモート拠点にわたる接続もセキュアにします。しかも、従来の WAN アーキテクチャに伴うコストとオーバーヘッドは不要です。

ExtremeCloud SD-WAN は基本的な接続にとどまらず、アプリケーション性能管理、WAN 最適化、組み込みセキュリティといった高度な機能を統合しています。ゼロタッチプロビジョニング、動的なトラフィックステアリング、統合ファイアウォールといった機能により、IT チームは手作業による介入なしに、一貫したパフォーマンスとセキュリティを提供できます。

クラウドオーケストレーション、インテリジェントな自動化、そして業界をリードする Extreme のサポートを組み合わせることで、ExtremeCloud SD-WAN は価値実現までの時間を短縮し、日々の運用をシンプルにします。導入を迅速化し、トラブルシューティングを減らし、変化するビジネスニーズに素早く適応しながら、総保有コストを削減できます。ExtremeCloud SD-WAN により、セキュアな接続はこれまでにないほど容易になります。ファブリック対応で自動化・統合された SD-WAN は Extreme Platform ONE と連携し、高性能な SD-WAN 接続とファブリック拡張をシンプルに実現します。

## ファブリックをエッジへ

- 低コストのインターネットアクセス回線上に Extreme Fabric サービスを高い拡張性で拡張し、ブランチにおける可視性、パフォーマンス、回復力を向上。
- Extreme SD-WAN は、トンネル化された Fabric トラフィックのパフォーマンスとセキュリティを強化。
- ネットワーク全体で Extreme のユニバーサル有線（スイッチング）製品とワイヤレス（AP）をゼロタッチプロビジョニング。
- ファブリックのハイパーセグメンテーションにより、セキュアな接続、コンプライアンス対応の簡素化、水平方向の脅威に対する耐性向上を実現。
- ファブリックの回復力によりサブ秒のフェイルオーバーが可能。

## アプリケーション性能管理

- 予測可能なユーザー体験によりスループットが向上。
- カスタムアプリケーションキットを含む 5,000 を超える SaaS アプリケーションの自動検出により、導入を効率化しシャドー IT を特定。
- インテリジェントなアプリケーション性能制御がトラフィックを分析・最適化し、ネットワークが輻輳している場合でも、重要なアプリケーションセッションに対してエンドツーエンドかつセッション単位の QoS を適用。
- 高度なアプリケーション性能の可視化により、一目での状況把握と迅速なトラブルシューティングが可能。
- エビデンスに基づくネットワーク改善によりリスクを低減。

## 統合管理

- ユニバーサル有線、ワイヤレス、SD-WAN を、Fabric サービスの可視化と設定を含めて統合管理でき、時間を節約。
- Extreme Platform ONE と組み合わせることで、SD-WAN に関する疑問に Extreme AI が数秒で回答。ネットワークポリシー上での SD-WAN の可視化、アラート、契約、サブスクリプションを 1 か所で確認。
- AI、コンテキストテレメトリ、粒度の高いネットワーク／アプリケーション性能の可視化による LAN-to-WAN-to-Cloud の性能監視を、ユーザー、デバイス、拠点、リンク、ロケーションにわたって実現。
- パブリック、プライベート、ExtremeCloud Edge のいずれかのホスティングを選択でき、一貫した運用で時間とコストを節約。

## ソリューションコンポーネント

### クラウドネイティブ SD-WAN オーケストレーター

- SD-WAN アブライアンス、トポロジー、セキュリティプロファイル、クラウドオンランプ、エンドツーエンドの QoE に対するオーケストレーションポリシー。
- Applications Anywhere により、SaaS アプリケーション向けのダイレクト・トゥ・インターネットのポリシー定義と、メンテナンス不要のクラウドオンランプ（VNF 不要）で、デジタルトランスフォーメーションをシンプルかつ迅速に。
- 任意の WAN 回線上でのサイト間、サイト-データセンター間、サイト-IaaS 間の接続により、柔軟でセキュアなオーバーレイトポロジーを実現。

### 組み込みの SD-WAN セキュリティとセグメンテーション

- 組み込みのゾーンベースファイアウォールにより、VPN トラフィックのセグメンテーションとインターネットトラフィックのステアリング（ダイレクト・トゥ・インターネット、データセンターバックホール、Web ゲートウェイ）が可能。
- オプションの Bring Your Own Security アプローチにより、主要ベンダーによる堅牢な WAN／インターネットアクセスのセキュリティを実現。

## 柔軟な発注方式

- ExtremeCloud SD-WAN はソフトウェアサブスクリプションをハードウェアから切り離しているため、ネットワークのニーズに応じて拡張、アップグレード、予算計画が可能。
- 1 年、3 年、5 年の柔軟なソフトウェアサブスクリプションにより、購入時のリスクを低減。
- SD-WAN アブライアンスは、最小規模のブランチから最大規模のデータセンターまでをカバーする多様な速度ティアを用意。
- 24×7×365 のグローバルテクニカルサポートと包括的なハードウェア交換オプションにより、ネットワークを最高の状態で維持し、投資を保護。

# Solution Components Overview

## SD-WAN Orchestration

| Features                       | Description                                                                                                          | Standard | Advanced |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------|----------|----------|
| Cloud-Native                   | Cloud hosted and managed by Extreme Networks, integrated with ExtremeCloud                                           | •        | •        |
| Onboarding and Configuration   | Appliance template and configuration policy (overlay, security, application performance, routing, high availability) | •        | •        |
| User Access Control            | Per-user role-based access control (RBAC), suited for flexible delivery models, managed service vs DIY               | •        | •        |
| Fabric with SD-WAN Integration | Automated, encrypted SD-WAN overlay for fabric remote sites                                                          | •        | •        |

## Connectivity

| Features                         | Description                                                                                                                                | Standard | Advanced |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
| Fabric Integration               | Advanced application performance and dynamic WAN selection for tunneled fabric traffic                                                     | •        | •        |
| Overlay                          | IPsec-based, full mesh, automated hub-and-spoke topology with manual spoke-to-spoke and hub-to-hub shortcuts, external VPN gateway support | •        | •        |
| Multi-site Deployment Model      | Full-routed, bridge-routed hybrid, full-bridged                                                                                            | •        | •        |
| Transparent Level 2 Connectivity | Bridge mode, fail to wire (hardware model-dependent), Link State Propagation                                                               | •        | •        |
| Automated Hub-and-Spoke Topology | IPsec IKEv2, automatic tunnels set up between spokes and hubs                                                                              | •        | •        |
| Custom Topologies                | IPsec IKEv2, manual hub interconnection, manual site-to-site shortcut, manual site-to-IaaS                                                 | •        | •        |
| Optional High Availability       | VRRP, OSPF, BGP, Level 2 proprietary synchronization                                                                                       | •        | •        |

## Security

| Features                | Description                                                     | Standard | Advanced |
|-------------------------|-----------------------------------------------------------------|----------|----------|
| Secure Communications   | HTTPS, TLS 1.2, mutual authentication, secure device enrollment | •        | •        |
| Zone-based Firewall     | Zone-based traffic segmentation                                 | •        | •        |
| Internet Access Control | Zone-based SaaS application access control                      | •        | •        |

## Application Performance Management

| Features                                | Description                                                                                                                                                                                                   | Standard | Advanced |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
| Applications Anywhere                   | Automated connectivity between SD-WAN sites and public cloud hyperscale (Azure, AWS), DTI policy for SaaS applications, application performance monitoring and QoS enforcement without hosting VNF in the VPC | •        | •        |
| Automated Application Recognition       | 5000+ SaaS applications and DPI dictionary                                                                                                                                                                    | •        | •        |
| Alerting                                | Default alarms                                                                                                                                                                                                | •        | •        |
| Reporting                               | Default and custom reports based on monitoring widgets.                                                                                                                                                       | •        | •        |
| Integration                             | RESTful external API                                                                                                                                                                                          | •        | •        |
| Standard Monitoring and Troubleshooting | Appliance and application troubleshooting: MapView, Appliance360, Site360, application monitoring                                                                                                             | •        | •        |
| Advanced Monitoring and Troubleshooting | Real-time application monitoring, WAN optimization, WAN compression                                                                                                                                           |          | •        |
| Custom Application Support              | Definition and monitoring of custom applications                                                                                                                                                              |          | •        |
| Dynamic WAN Selection                   | Per-session, based on network performance, application-specific requirements, and application criticality                                                                                                     |          | •        |
| QoE-Based QoS                           | Per-session prioritization, based on application-specific requirements and application criticality                                                                                                            |          | •        |
| Optional WAN Optimization               | Compression, SSL optimization                                                                                                                                                                                 |          | •        |

## SD-WAN Appliance Technical Specifications

SD-WAN appliances provide a common set of software capabilities, differentiated by performance metrics and connectivity capabilities. Appliances are divided into two primary usage groups based on the designation of either Branch or Data Center; sizing depends on many factors, including features used, number of end points, complexity of overlay topology, and other parameters.

### SD-WAN Appliances for Branch Offices

| Model                   | ipe-30so                                                                                                                                   | ipe-30ax                                    | ipe-40ax-v2                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------|
| Tier                    | Small                                                                                                                                      | Small                                       | Medium                     |
| WANInterfaces           | 3xGE 10/100/1000Base-TX                                                                                                                    |                                             |                            |
| LAN Interfaces          | 1xGE<br>10/100/1000Base-TX                                                                                                                 |                                             | 2xGE<br>10/100/1000Base-TX |
| Link State Propagation  | Yes                                                                                                                                        |                                             |                            |
| WAN Interface Operation | Bridged (802.3), Routed                                                                                                                    |                                             |                            |
| Application Performance | Visibility, Control, Dynamic WAN Selection, Cloud Application Database (more than 5000 Applications)                                       |                                             |                            |
| WAN Optimization        | No                                                                                                                                         | Compression, deduplication, including HTTPS |                            |
| Network and Routing     | IPv4: Static, BGP, BFD, local preferences, OSPF, DHCP Relay, DHCP Client, NAT                                                              |                                             |                            |
| Security                | Direct-to-Internet, Stateful Firewall, Zone-Based Firewall                                                                                 |                                             |                            |
| Overlay                 | IPsec-based, full-mesh, automated Hub and Spoke topology with manual Spoke-to-Spoke and Hub-to-Hub shortcuts, External VPN Gateway support |                                             |                            |
| High Availability       | VRRP for routed mode, proprietary for hybrid and bridge mode                                                                               |                                             |                            |
| Throughput* (RFC 2544)  | 300 Mbps                                                                                                                                   | 300 Mbps                                    | 600 Mbps                   |

\*Throughput test conducted using RFC-2544 methodology. Actual throughput can vary based on factors including MTU, number of tunnels, number of applications and flows.

## SD-WAN Appliances for Data Center

| Model                   | ipe-420ax                                                                                                                                  | ipe-2200ax-T               | ipe-2200ax-F               |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------|
| Tier                    | Medium                                                                                                                                     | Large                      | Large                      |
| WAN Interfaces          | 3xGE<br>10/100/1000Base-TX                                                                                                                 | 3xGE<br>10/100/1000Base-TX | 3x GE<br>10GBase-SR/LR LC* |
| LAN Interfaces          | 2xGE<br>10/100/1000Base-TX                                                                                                                 | 2xGE<br>10/100/1000Base-TX | 2x GE<br>10GBase-SR/LR LC* |
| Bypass (Fail-to-Wire)   | 2 interface pairs                                                                                                                          | No                         | No                         |
| Link State Propagation  | Yes                                                                                                                                        |                            |                            |
| WAN Interface Operation | Bridged (802.3), Routed                                                                                                                    |                            |                            |
| Application Performance | Visibility, Control, Dynamic WAN Selection, Cloud Application Database (5000+ Applications)                                                |                            |                            |
| WAN Optimization        | Compression, Deduplication, including HTTPS.                                                                                               |                            |                            |
| Network and Routing     | IPv4: Static, BGP, BFD, local preferences, OSPF, DHCP Relay, DHCP Client, NAT                                                              |                            |                            |
| Security                | Direct-to-Internet, Stateful Firewall, Zone-Based Firewall                                                                                 |                            |                            |
| Overlay                 | IPsec-based, full-mesh, automated Hub-and-Spoke topology with manual Spoke-to-Spoke and Hub-to-Hub shortcuts, external VPN Gateway support |                            |                            |
| High Availability       | VRRP for routed mode, proprietary for hybrid and bridge mode                                                                               |                            |                            |
| Throughput** (RFC 2544) | 1.0 Gbps                                                                                                                                   | 1.5 Gbps                   | 8.0 Gbps                   |

\*Optics must be purchased separately

\*\*Throughput test conducted using RFC-2544 methodology. Actual throughput can vary based on factors including MTU, number of tunnels, number of applications and flows.

## ExtremeCloud SD-WAN Appliance Ordering Information

ExtremeCloud SD-WAN enables financially efficient SD-WAN solutions with flexible packages and terms that reduce purchase risk.

| Part Number       | Description                             | Extreme Platform ONE SD-WAN Subscription Tier Required (Standard or Advanced) |
|-------------------|-----------------------------------------|-------------------------------------------------------------------------------|
| SDW-EPI-30SO-A    | SDWAN Small Tier Appliance ipe-30so     | Small                                                                         |
| SDW-EPI-30AX-A    | SDWAN Small Tier Appliance ipe-30ax     | Small                                                                         |
| SDW-EPI-40AXV2-A  | SDWAN Medium Tier Appliance ipe-40axV2  | Medium                                                                        |
| SDW-EPI-420AX-A   | SDWAN Medium Tier Appliance ipe-420axV2 | Medium                                                                        |
| SDW-EPI-2200AXT-A | SDWAN Large Tier Appliance ipe-2200ax-T | Large                                                                         |
| SDW-EPI-2200AXF-A | SDWAN Large Tier Appliance ipe-2200ax-F | Large                                                                         |

# ExtremeCloud SD-WAN Software Subscription Ordering Information

SD-WAN subscriptions have two feature levels. For basic connectivity without the need for application visibility, dynamic WAN selection or security, the Standard subscription is sufficient. To take advantage of all the application performance management and security features, the Advanced subscription required. The Advanced or Standard must be a whole deployment selection, as mixed feature levels is not supported. A detailed breakdown of Advanced vs Standard subscriptions can be seen in the tables of the Solution Components Overview section. High availability is included if two appliances are in the same site running as active and backup. In that case, one subscription will be counted and be counted toward the highest model. Additionally, 5 Remote visibility and control (RVC) destinations are included per one Advanced Large subscription.

## SD-WAN Subscriptions including ExtremeWorks TAC & OS support

| Part Number              | Term (yr) | Appliance Tier | Feature Level | Description                                                                                                                         |
|--------------------------|-----------|----------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------|
| EPI-SDW-ADV-S-S-C-EW     | 1         | Small          | Advanced      | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier S per year            |
| EPI-SDW-ADV-S-S-C-EW-3YR | 3         |                |               | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier S for three (3) years |
| EPI-SDW-ADV-S-S-C-EW-5YR | 5         |                |               | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier S for three (5) years |
| EPI-SDW-ADV-M-S-C-EW     | 1         | Medium         | Advanced      | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier M per year            |
| EPI-SDW-ADV-M-S-C-EW-3YR | 3         |                |               | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier M for three (3) years |
| EPI-SDW-ADV-M-S-C-EW-5YR | 5         |                |               | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier M for five (5) years  |
| EPI-SDW-ADV-L-S-C-EW     | 1         | Large          | Advanced      | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier L per year            |
| EPI-SDW-ADV-L-S-C-EW-3YR | 3         |                |               | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier L for three (3) years |
| EPI-SDW-ADV-L-S-C-EW-5YR | 5         |                |               | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier L for five (5) years  |
| EPI-SDW-STD-S-S-C-EW     | 1         | Small          | Standard      | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier S per year            |
| EPI-SDW-STD-S-S-C-EW-3YR | 3         |                |               | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier S for three (3) years |
| EPI-SDW-STD-S-S-C-EW-5YR | 5         |                |               | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier S for five (5) years  |
| EPI-SDW-STD-M-S-C-EW     | 1         | Medium         | Standard      | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier M per year            |
| EPI-SDW-STD-M-S-C-EW-3YR | 3         |                |               | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier M for three (3) years |
| EPI-SDW-STD-M-S-C-EW-5YR | 5         |                |               | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier M for five (5) years  |
| EPI-SDW-STD-L-S-C-EW     | 1         | Large          | Standard      | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier L per year            |
| EPI-SDW-STD-L-S-C-EW-3YR | 3         |                |               | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier L for three (3) years |
| EPI-SDW-STD-L-S-C-EW-5YR | 5         |                |               | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier L for five (5) years  |

## ExtremeCloud SD-WAN Subscriptions including ExtremeWorks Premier TAC & OS support

| Part Number               | Term (yr) | Appliance Tier | Feature Level | Description                                                                                                                          |
|---------------------------|-----------|----------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------|
| EPI-SDW-ADV-S-S-C-EWP     | 1         | Small          | Advanced      | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier S per year             |
| EPI-SDW-ADV-S-S-C-EWP-3YR | 3         |                |               | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier S for three (3) years  |
| EPI-SDW-ADV-S-S-C-EWP-5YR | 5         |                |               | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EW TAC OS Support for one (1) device of Tier S for five (5) years   |
| EPI-SDW-ADV-M-S-C-EWP     | 1         | Medium         | Advanced      | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EWP TAC OS Support for one (1) device of Tier M per year            |
| EPI-SDW-ADV-M-S-C-EWP-3YR | 3         |                |               | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EWP TAC OS Support for one (1) device of Tier M for three (3) years |
| EPI-SDW-ADV-M-S-C-EWP-5YR | 5         |                |               | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EWP TAC OS Support for one (1) device of Tier M for five (5) years  |
| EPI-SDW-ADV-L-S-C-EWP     | 1         | Large          | Advanced      | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EWP TAC OS Support for one (1) device of Tier L per year            |
| EPI-SDW-ADV-L-S-C-EWP-3YR | 3         |                |               | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EWP TAC OS Support for one (1) device of Tier L for three (3) years |
| EPI-SDW-ADV-L-S-C-EWP-5YR | 5         |                |               | Extreme Platform ONE SD-WAN Advanced Networking Right-to-Use and EWP TAC OS Support for one (1) device of Tier L for five (5) years  |
| EPI-SDW-STD-S-S-C-EWP     | 1         | Small          | Standard      | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EWP TAC OS Support for one (1) device of Tier S per year            |
| EPI-SDW-STD-S-S-C-EWP-3YR | 3         |                |               | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EWP TAC OS Support for one (1) device of Tier S for three (3) years |
| EPI-SDW-STD-S-S-C-EWP-5YR | 5         |                |               | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EWP TAC OS Support for one (1) device of Tier S for five (5) years  |
| EPI-SDW-STD-M-S-C-EWP     | 1         | Medium         | Standard      | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EWP TAC OS Support for one (1) device of Tier M per year            |
| EPI-SDW-STD-M-S-C-EWP-3YR | 3         |                |               | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EWP TAC OS Support for one (1) device of Tier M for three (3) years |
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| EPI-SDW-STD-L-S-C-EWP-3YR | 3         |                |               | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EWP TAC OS Support for one (1) device of Tier L for three (3) years |
| EPI-SDW-STD-L-S-C-EWP-5YR | 5         |                |               | Extreme Platform ONE SD-WAN Standard Networking Right-to-Use and EWP TAC OS Support for one (1) device of Tier L for five (5) years  |

## Warranty

All ExtremeCloud SD-WAN appliances are covered under Extreme's Warranty policy. For warranty details, please visit our [Policies and Warranties](#) page.

## Hardware RMA support

For SD-WAN appliances, RMA support is highly recommended to ensure minimal disruption should there be any hardware issues. Choices including advanced hardware replacement, onsite, next business day and others are available.

## Power Cords

Power cords are not included with the SD-WAN appliances in support of our green initiatives but can be ordered separately.

## Optics/Transceivers

For a list of the optics and transceivers supported on the ExtremeCloud SD-WAN Appliances, refer to our [Extreme Optics Compatibility Tool](#).

## Support Services

Extreme offers a portfolio of services that adapts to your unique environment and technical support needs. Globally available technical support and professional services from our in-house team of experts provide the resiliency and optimization that accelerate your business and innovation.

Combined with Extreme Networks Platform ONE agentic support tools and workflows, Extreme Services helps you to anticipate issues and identify risks before they impact your business. For more information, visit our [Services](#) page.

