

# MX Series QuickStart Service

## Service Overview

Organizations are under constant pressure to reduce operational costs. The MX Series 3D Universal Edge Routers combine deep edge and core functionality that allows consolidation of traditionally separate platforms such as service separation on the edge side and unicast/multicast routing and flow aggregation on the core side. High port density enables the reduction of both rack real estate and power consumption.

The MX Series QuickStart Service helps you effectively integrate the MX Series platform into your existing edge infrastructure.

## Service Description

The Juniper Networks® MX Series QuickStart Service leverages extensive Juniper Networks Professional Services experience in many MX Series deployments to ensure that your initial installation is executed as efficiently and securely as possible.

This service (lasting approximately 30 days) includes the following phases:

- **Plan:** Review of requirements and objectives plus a high-level design analysis
- **Build:** Low-level design and MX Series configuration
- **Operate:** MX Series implementation planning plus cutover support

### Phase 1: Plan

- Gather your objectives and requirements, and all existing supporting documentation necessary for analysis and configuration translation.
- Create, deliver, and obtain agreement on a High-Level Design (HLD) describing the migration from the existing architecture to the new MX Series architecture, and giving justifications for the design/configuration choices. The HLD provides a general proposal of the design, features, and configurations to be used to meet your objectives. This document also ensures that the integration and acceptance procedures comply with your change management policies. .

### Phase 2: Build

- Create a Low-Level Design (LLD)
- Perform lab verification (an optional task but highly recommended if appropriate customer facilities are available)
- Finalize and obtain approval for LLD

### Phase 3: Operate

- Provide support and oversight as you implement the LLD and perform acceptance testing
- Share Juniper Networks Professional Services expertise with your engineers during project execution, and also give assistance in the event of problems (knowledge transfer will be performed during this step as needed)
- Coordinate meeting to discuss results, any problems or caveats encountered, and conduct project sign-off



## Service Features and Benefits

Feature	Feature Description	Benefit
Design planning and recommendations	Collects information about your requirements to develop a customized HLD and LLD	<ul style="list-style-type: none"> <li>Ensures that your requirements are addressed in planning and subsequent installation</li> <li>Minimizes time and effort to develop design and installation plan</li> </ul>
Onsite Professional Services engineer	Deploys and configures the MX Series solution at your data center/lab	<ul style="list-style-type: none"> <li>Accelerates and optimizes the time to value of your MX Series-based solution</li> <li>Ensures effective configuration and adherence to best practices</li> </ul>
Onsite implementation support	Provides the day0 cutover support when implementing the MX Series-based solution	<ul style="list-style-type: none"> <li>Ensures that the MX Series has been successfully configured and implemented according to the agreed upon design</li> </ul>

## Service Deliverables

By the end of this service, you will have received:

- High-Level Design (HLD)
- Low-Level Design (LLD)
- Lab test results (if applicable)
- Acceptance test results
- Configured and operational MX Series solution

## Exclusions

The scope of this service is for four sites with a total of eight (8) MX Series routers. If you require additional services of the Juniper consultant, or additional sites/platforms, then a scoping call is necessary to determine the correct level of effort and pricing and to prepare a customized SOW.

Deployment of platforms other than MX Series devices, or deployment of the MX Series for applications other than network edge (for example, in the data center) is excluded from this service. Broad-based network designs, such as multicast VPN, MPLS-TE, or class of service (CoS), are also not appropriate objectives for this service.

## Juniper Consulting

As leaders in data centers and networks, Juniper Networks Professional Services consultants and engineers are uniquely qualified to assist you in designing, implementing, and optimizing network solutions.

Juniper Networks Professional Services helps accelerate your network's time to value, bringing revenue generating capabilities online faster for bigger productivity gains, faster rollouts of new business models and ventures, greater market reach, and higher levels of customer satisfaction. Your onsite staff will work closely with Juniper specialists, building operational capabilities and reducing your exposure to IT risks. As a result of our previous experience involving hundreds of customers around the world, Juniper Networks Professional Services is uniquely qualified to help you design, implement, and optimize your network for confident operation and rapid returns on infrastructure

investments. These professionals understand today's network and security demands and those that are just around the corner—for bandwidth efficiency, best-in-class security, solid reliability, and cost-effective scaling.

The use of Juniper's consultants also avoids the requirement for you to provide the necessary technical and networking skills in-house. The evaluation can be completed faster, as you are not forced to wait until internal resources become available, nor do you have to address the issue of conflicting project priorities.

## Additional Services to Optimize Your Network

Juniper Networks provides additional consulting services to consider along with the MX Series QuickStart Service.

A broad range of consulting and packaged services is available to help you enhance your network design and optimize your production environment. Services to consider in the early stages of your network review are:

- **Strategic Network Consulting:** In the planning stage of your project, this service will assist you in determining a strategy for your network architecture and a plan to translate that strategy into an optimal solution. It is aimed at understanding your business requirements, determining the impact of the changes on your existing network infrastructure, and providing architectural guidance and recommendations to ensure that your network will be enhanced in a controlled manner.
- **Testing Service:** Prior to implementation of a new network, Juniper Networks Testing Service provides you with an opportunity to combine your knowledge of your network's specific performance requirements with Juniper's sound foundation of network design methodology and products to create a customized test environment that simulates your unique end-to-end deployment scenario. This lets you avoid the cost of creating and operating your own test labs, reduces your project risk, ensures a seamless implementation of new technology into your production environment, and accelerates your time to deployment.

## Juniper Networks Services and Support

Juniper Networks is the leader in performance-enabling services that are designed to accelerate, extend, and optimize your high-performance network. Our services allow you to maximize operational efficiency while reducing costs and minimizing risk, achieving a faster time to value for your network. Juniper Networks ensures operational excellence by optimizing the network to maintain required levels of performance, reliability, and availability. For more details, please visit [www.juniper.net/us/en/products-services](http://www.juniper.net/us/en/products-services).

## Ordering Information

To order the Juniper Networks MX Series QuickStart Service, or for additional information, please contact your Juniper account manager. Before the service begins, a statement of work (SOW) will be created outlining the scope of effort to be performed.

## About Juniper Networks

Juniper Networks challenges the status quo with products, solutions and services that transform the economics of networking. Our team co-innovates with customers and partners to deliver automated, scalable and secure networks with agility, performance and value. Additional information can be found at [Juniper Networks](http://Juniper Networks) or connect with Juniper on [Twitter](https://twitter.com/juniper) and [Facebook](https://www.facebook.com/juniper).

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