



IPv6 Deployment Services



At Native6, Inc. we recognize the challenges in architecting new networks, products, and services while meeting requirements to leverage capital IT investments and fulfilling end-user requirements. Integration must occur in a manner that minimizes costs and risk and maximizes value for both adopters and end users. Deploying any new technology, while meeting both technical and economic requirements, can be challenging.

What it is:

Native6 provides a number of IPv6 Deployment related services aimed at moving organizations closer to their v6 integrations goals at an accelerated pace. In the deployment process, you may find yourself faced with technical challenges that have no precedent in your organization, and one for which the technical skill sets or experience of your staff have not prepared them. Native6 provides the technical wherewithal to help you overcome these roadblocks and move your integration efforts forward.

Clients may choose from a suite of deployment services that include, IPv6 Address Allocation Planning, Network Architecture Development, IPv6 Transition Planning, Infrastructure and Application Recommendations, Security Policy Remediation, IPv6 Purchasing Policy Development, Integration Validation and Assessment Services, and many more.

How does it work:

To facilitate deployment, Native6 will generally conduct an analysis phase to establish scope and technical parameters, after which we begin developing plans and recommendations. Following the development phase, all plans and recommendations are validated and/or tested.

What do you get:

Native6 can play various roles in your deployment activities. Our IPv6 Deployment Services will yield a number of beneficial and time saving outcomes:

- ❖ **Advisory Role:** In this capacity, Native6 acts as a high level advisor, helping set initial direction, reviewing transition and integration plans developed by your staff, and providing recommendations and strategies for moving forward.
- ❖ **Plan Development Role:** In this very participative role, Native6 works with your IPv6 transition team to develop deployment plans and strategies. The outcome includes actionable strategies and approaches designed for integration success.
- ❖ **Validation and Testing Role:** In this capacity, Native6 will provide detailed analysis and assessment of your IPv6 deployment plans. Strategies may be implemented and vetted in the Native6 test lab, and compared to industry best practices.

Deployment Services

Design robust and flexible address allocation plans based upon your enterprise network topology and plans, as well as recommended standards and industry practices.

Develop IPv6 network architectures to support IPv6 transition plans and support implementation testing.

Network Architecture Development

IPv6 Address Allocation Planning

Review, assess, and validate an organization's integration strategy, including comparison to industry standards, best practices, and the Native6's IPv6 deployment experience.

Integration Validation and Assessment Services

Modify IT purchasing requirements to ensure that all IT capital expenditures support the organization's IPv6 adoption process.

IPv6 Purchasing Policy Development

Identify and build successful strategies for IPv6 transition based upon the technical, financial, and policy needs of the organization.

IPv6 Transition Planning

Assessment and recommendations on infrastructure and applications necessary to meet the organizations IPv6 IT requirements.

Infrastructure and Application Recommendations

Security Policy Remediation

Prepare or mitigate security policies and practices to accommodate the integration of IPv6 without compromising the security and stability of the network.



Benefits

Whether your goal is to deploy IPv6 incrementally, or develop large scale native IPv6 deployments, Native6 brings significant value to the process and provides many benefits, including:

- ❖ Rapid knowledge transfer to your staff
- ❖ Reduced implementation risk and protection of existing network
- ❖ Accelerated integration efforts
- ❖ Reduced overall transition costs