

# Solution Brief IPv6 for Developers and Manufacturers



HexaBuild

*Developers and manufacturers already know that, to remain competitive, they must bring their applications, products, and features to market quickly – and with the confidence that those same products will function, interoperate, and exceed customer expectations in network environments that increasingly rely on IPv6.*

## Make Your Products Ready For IPv6

IPv6 has arrived in a big way with nearly half of all Internet traffic in the U.S. running over it. Yet many developers and manufacturers are unclear as to how such widespread adoption of IPv6 might impact their applications, products, services, and features.

Interoperability, time-to-market, support for customer use cases (including identification of any missing use cases), and market advantage (or elimination of disadvantages) are all areas that can be impacted significantly by the requirement to operate in dual-stack or IPv6-only environments.

While practices exist to meet these goals, including (e.g., common interpretations of protocol and engineering standards, surveys of existing protocol support in similar products, interoperability testing and certification, etc.) such practices need to include and incorporate IPv6 based on a deep domain knowledge of IPv6 feature and functionality deployments.

HexaBuild offers effective, real-world IPv6 validation for products and features including the solutions listed to the right but also lab validation of IPv6 features, establishment of an internal set of best-practices to include IPv6 in future products and features, design and construction of internal IPv6 lab environments and test suites for testing, and IPv6 interoperability testing and certification preparation.

## Why HexaBuild?

HexaBuild was founded by some of the leading IPv6 experts in the industry with over 50 combined years of working on IPv6. They have deployed and worked on many IPv6 projects and have distilled this knowledge into their assessment process. Benefit from the best, use HexaBuild.

## Solutions Offered

### **IPv6 Best-Practices for Developers and Manufacturers**

Learn where IPv6 is deployed today and how that is likely to impact existing or planned products and solutions. Future-proof your product by making it work with IPv6.

### **Use-Case Validation**

Ensure that your product use-cases don't ignore IPv6 leading to product underperformance or failure.

### **Feature Parity Assessment**

We'll assess your existing or proposed product features and solutions to ensure that they will function and perform in network environments where IPv6 is deployed.

### **IPv6 Protocol Standards Validation**

Knowing which protocol and engineering standards are relevant can make the difference between having a product or solution that works for customers or doesn't.