

## Cavium Networks Software & Services

# Performance Plus™

### Product Brief

#### OVERVIEW

The performance of a new application is one of the most important metrics. With the Cavium Performance Plus™ service you have dedicated, experienced OCTEON software architects who will work directly with you to analyze your data plane application and make detailed performance improvement recommendations. Additionally Performance Plus offers hands on an optional, hands-on Analysis & Assistance package where Cavium architects work directly with your team to implement recommendations. Whether you choose the Analysis or Analysis & Assist packages the Cavium Performance Plus service will accelerate your data plane application performance optimization and tuning with expert support.

#### PERFORMANCE PLUS™ SERVICE FEATURES

Performance optimization consulting with experienced| Cavium Architects

Two available package options to maximize the impact of Cavium Performance Plus recommendations:

- **Option A: Performance Analysis**
  - Dedicated Cavium Architects work directly with you to identify performance bottlenecks & solutions
  - Post implementation, dedicated Cavium Architects help you analyze results, review changes and suggest further actions if needed
- **Option B: Performance Analysis & Assistance**
  - In addition to the analysis of Option A, a dedicated Cavium Architect will work had-in-hand to implement recommendations

#### PERFORMANCE PLUS™ FEATURES

- Architecture review with Cavium experts
- Identify performance metrics
- Apply profiling tools
- Knowledge transfer for tools & performance tuning methods
- Identify bottlenecks and their relative impact
- Suggested performance tuning solutions / strategy
- Assistance with code changes

#### PERFORMANCE PLUS™ BENEFITS

- Faster time-to-market
- One-on-one specialized knowledge transfer on OCTEON performance tuning
- Competitive advantage of going to market with best possible performance

#### SERVICE DELIVERABLES

- Performance review document:
  - Identified performance metrics
  - Results of performance tools
  - Identified system bottlenecks
  - List of suggested changes & expected performance impact
  - Schedule and Resource estimate for implementation



#### Ordering Information

Cavium Networks Solutions & Services Products	Part Number	Description
Architecture Plus™	xxx-xxx-xxx	Cavium Networks engineering service to analyze, and plan an optimal Octeon porting and development plan tailored to your application requirements
Development Plus™	xxx-xxx-xxx	Cavium Networks engineering service to
Performance Plus™	xxx-xxx-xxx	Cavium Networks engineering service focusing performance analysis and specific recommendations or assistance with code tuning