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LOCATE PERFORMANCE BOTTLENECKS FAST WITH INTEL® VTUNE™ AMPLIFIER

Stop guessing why software is slow
Analyze your code and optimize performance on modern processors

HPC & Cloud
Access specialized, in-depth analyses for HPC and Cloud computing

Media & OpenCL™ Applications
Deliver high-performance image and video processing pipelines

Memory & Platform I/O
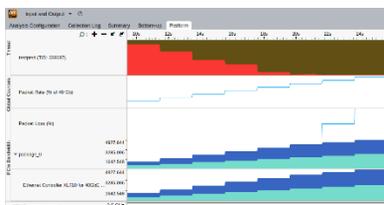Diagnose memory, storage, and data plane bottlenecks
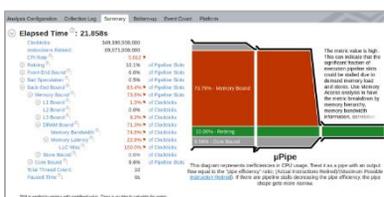
And much more
https://software.intel.com/en-us/vtune

INTEL® VTUNE™ AMPLIFIER PERFORMANCE ANALYSIS COOKBOOK

Discover the benefits of analysis techniques with recipes that explore performance tuning use cases and environment-specific configurations

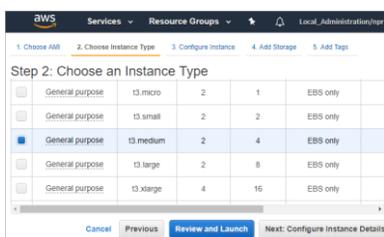https://software.intel.com/en-us/vtune-amplifier-cookbook

Core Utilization in DPDK Apps
Analyze the efficiency of packet retrieving in a DPDK-based workload with the Input and Output analysis
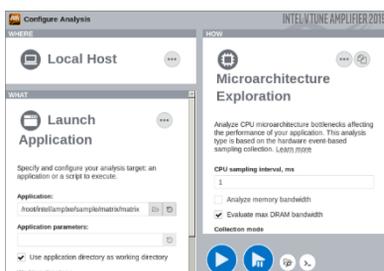
Frequent DRAM Accesses
Explore a memory-bound application using the Microarchitecture Exploration and Memory Access analyses

Profiling Applications in Amazon Web Services* (AWS) EC2 Instances
Set up a VM instance in AWS for performance profiling with VTune

Poor Port Utilization
Explore a core-bound application using the Microarchitecture Exploration analysis to understand the cause of the poor port utilization