TxMQ, Inc. Introduces:

QPacity™

The MQ Capacity Planner

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www.TxMQ.com/QPacity

TxMQ

IMAGINE. TRANSFORM. ENGAGE.

QPacity™ For Performance Management

Problem: MQ performance is sluggish, slow and processes between systems lack fluidity.

Solution: Diagnose the root cause, measure MQ usage and capacity with *one comprehensive tool.*

TxMQ

introduces

"QPACITY"

The MQ Capacity Planner

STREAMLINE RE-PLATFORMING

OPTIMIZE YOUR MQ PERFORMANCE

SECURE YOUR INTEGRATED SYSTEMS

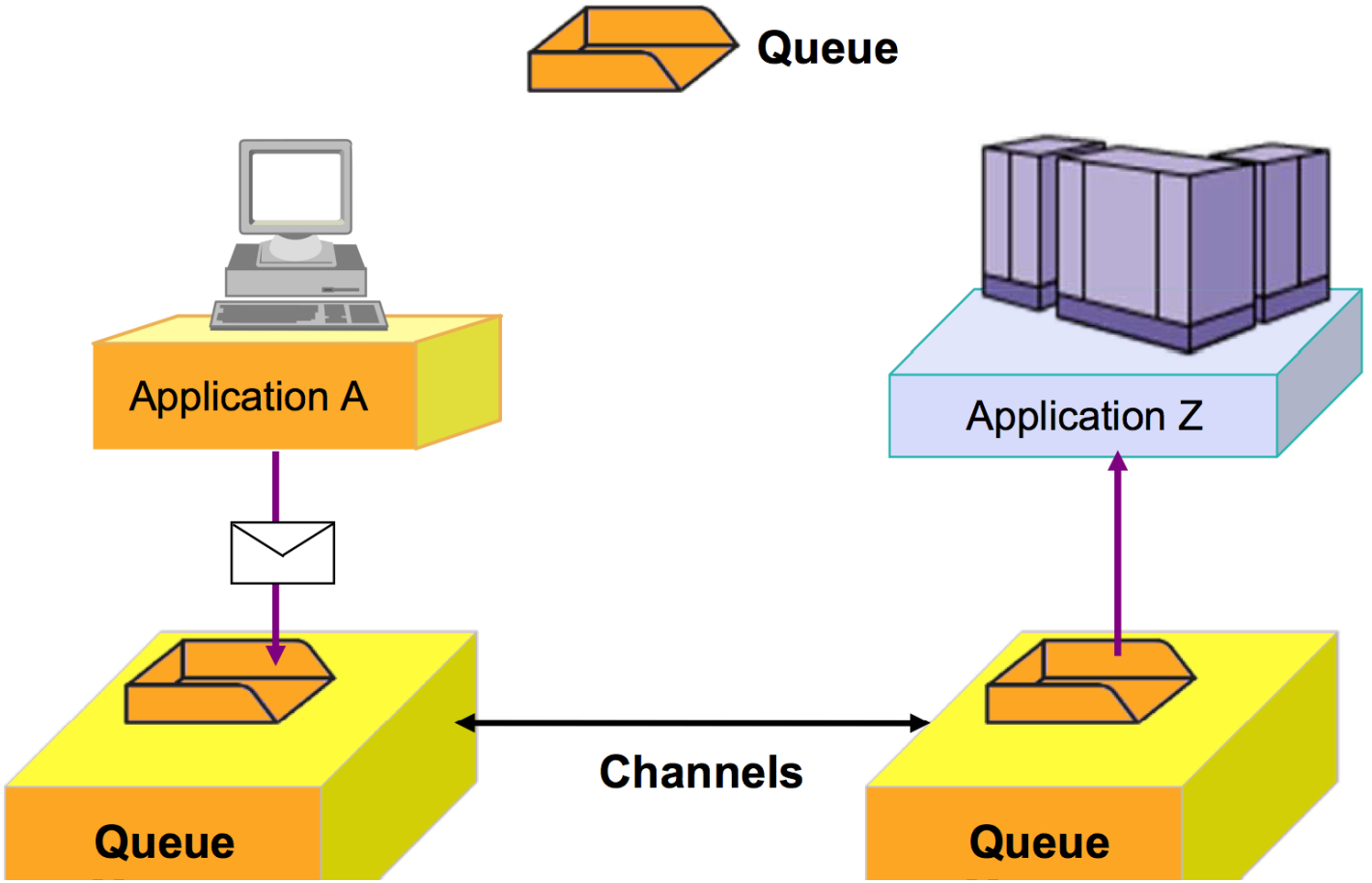
QPacity™

Premier Business Partner IBM

Primary Use Cases

- Everyone says it's MQs fault, and I can't always explain why it's not
- I struggle with planning for future MQ growth when I don't really have a handle on what our current MQ environment can support
- I have no ability to help app dev teams to TUNE applications based on how MQ consumes messages

Measuring MQ Network Capacity



Flexible Architecture Scenarios

Capacity for MQ Server Based

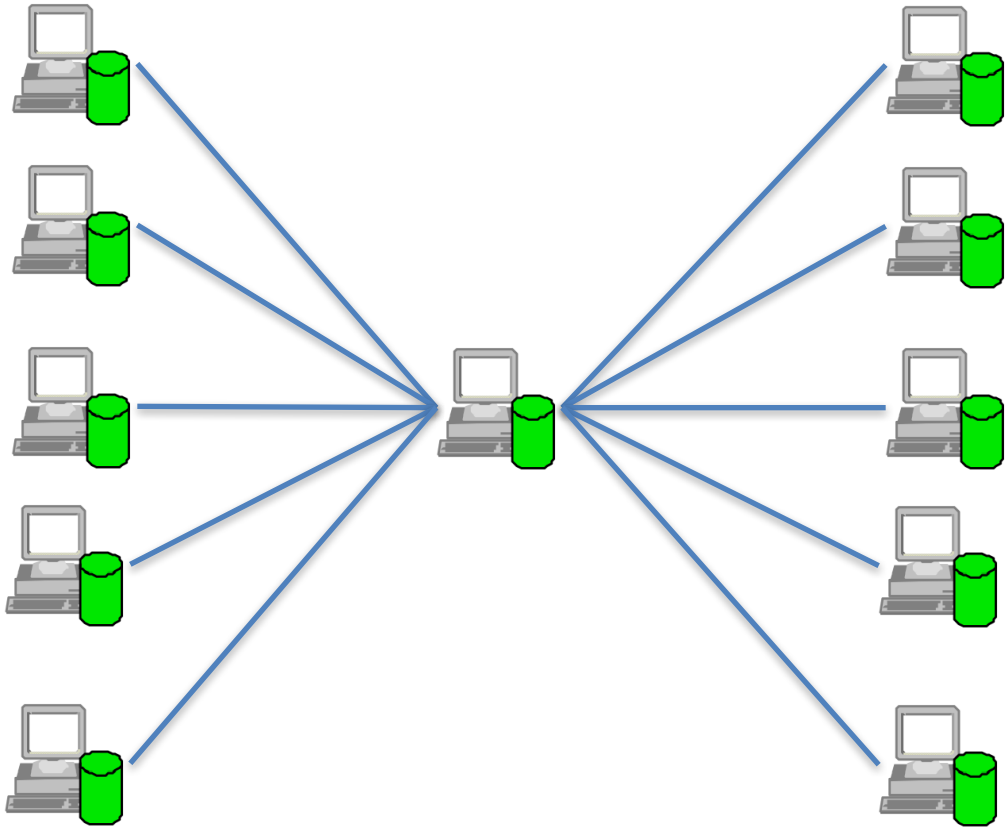
- Any to Any
- Hub and Spoke
- Zoned Hub and Spoke

Capacity for Shared MQ Services

- Centralized HA Config for MQ Services
- Applications connect via MQClients
- Variable Physical deployments
  - Hub and Spoke
  - May include Zoning

How We Measure MQ Capacity

Demo:
Basic Hub & Spoke Scenario



Benefits of QPACITY™

- Reduce transparency to applications and service managers
- Measure Capacity of a Queue Manager
- Establish Capacity of the MQ environment
- Isolate Segments of the MQ Network

How do we measure MQ Capacity?

How Does QPACITY™ Do This?

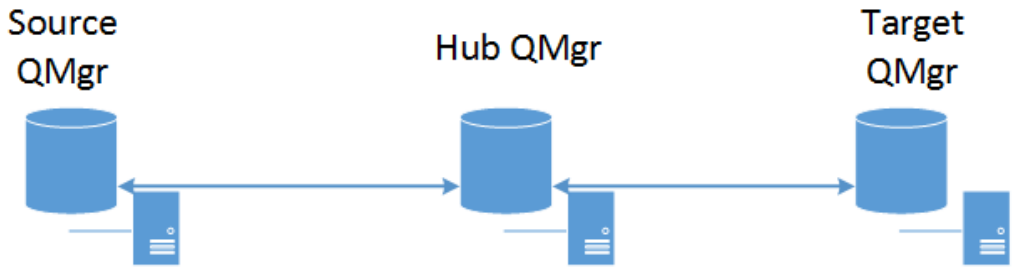
- By using a SMART process for Capacity and Performance Management (CPM)
- Configurable Workload Modeling
- Capture Queue Manager responses and system utilization data
- Produce charts and graphs of workloads to determine capacity or identify a capacity event

Capabilities with QPacity™

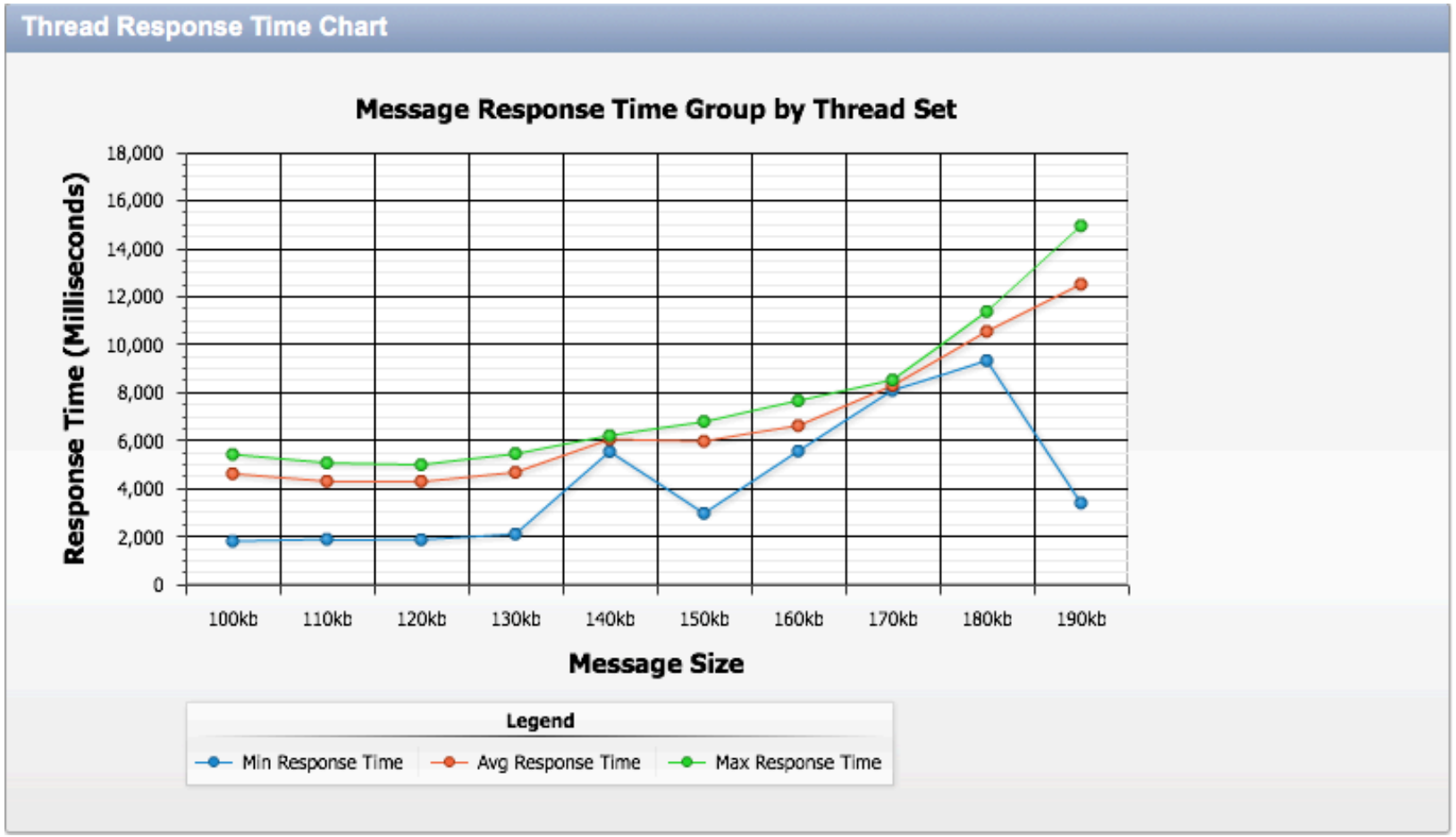
- Configurable workloads:
  - Multi-threaded (from 1 to n number of threads)
  - Produces 1000 messages per thread (load)
  - Puts
  - Gets
  - Puts & Gets (Request / Response model)
- Capture and store model system utilization
- Produce charts and graphs

Our Demo Environment

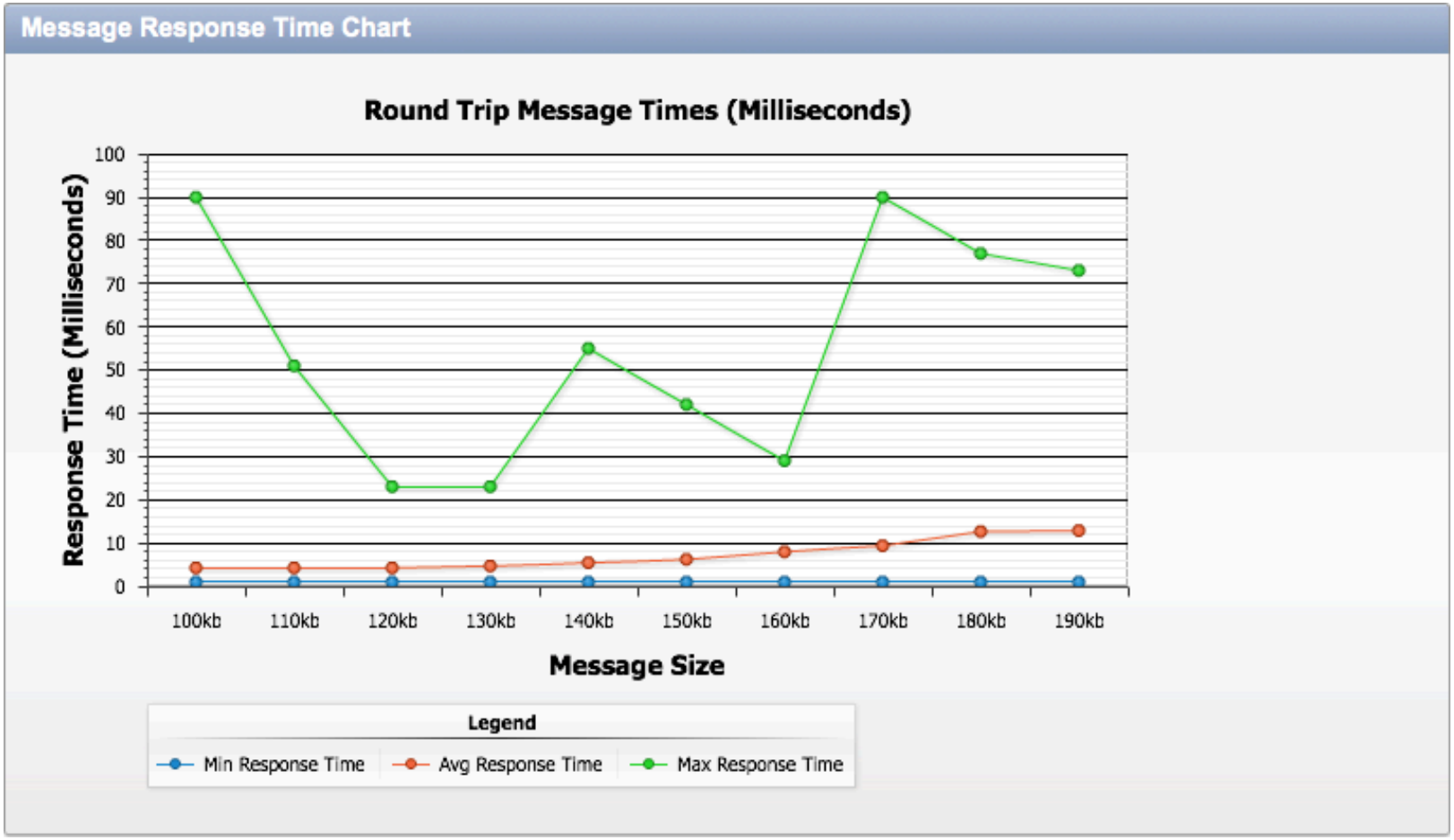
- Linux Red Hat 6.2 VM
  - 4 cores (i7 2.8 Ghz boosting to 3.6 Ghz)
  - 4 GB Memory
  - Storage, SSD
- MQ Version 8.0.0.5
  - Hub and Spoke Queue Managers



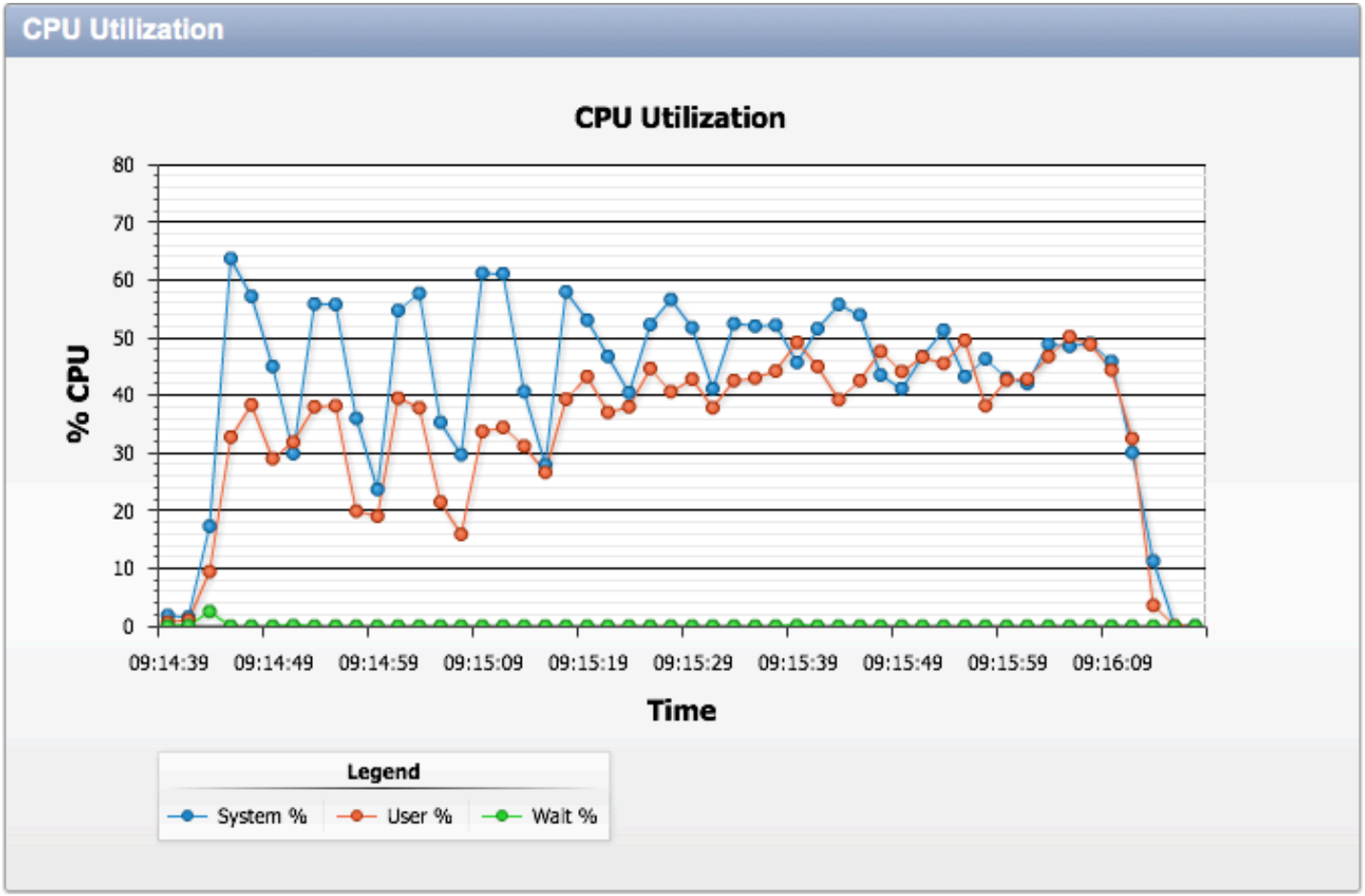
QPacity™ Charts & Graphs



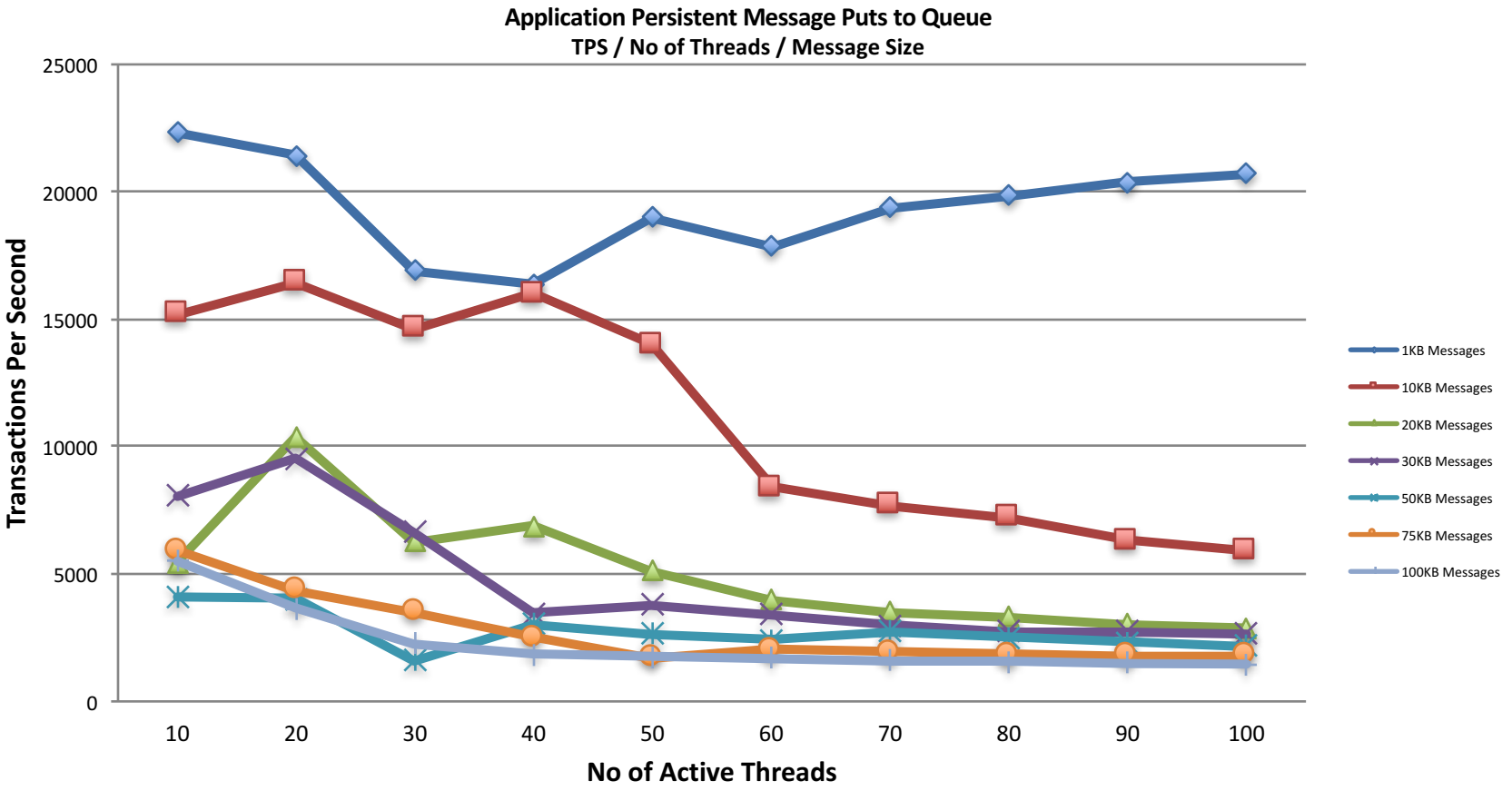
Message Response Time



CPU Utilization



Transaction per second



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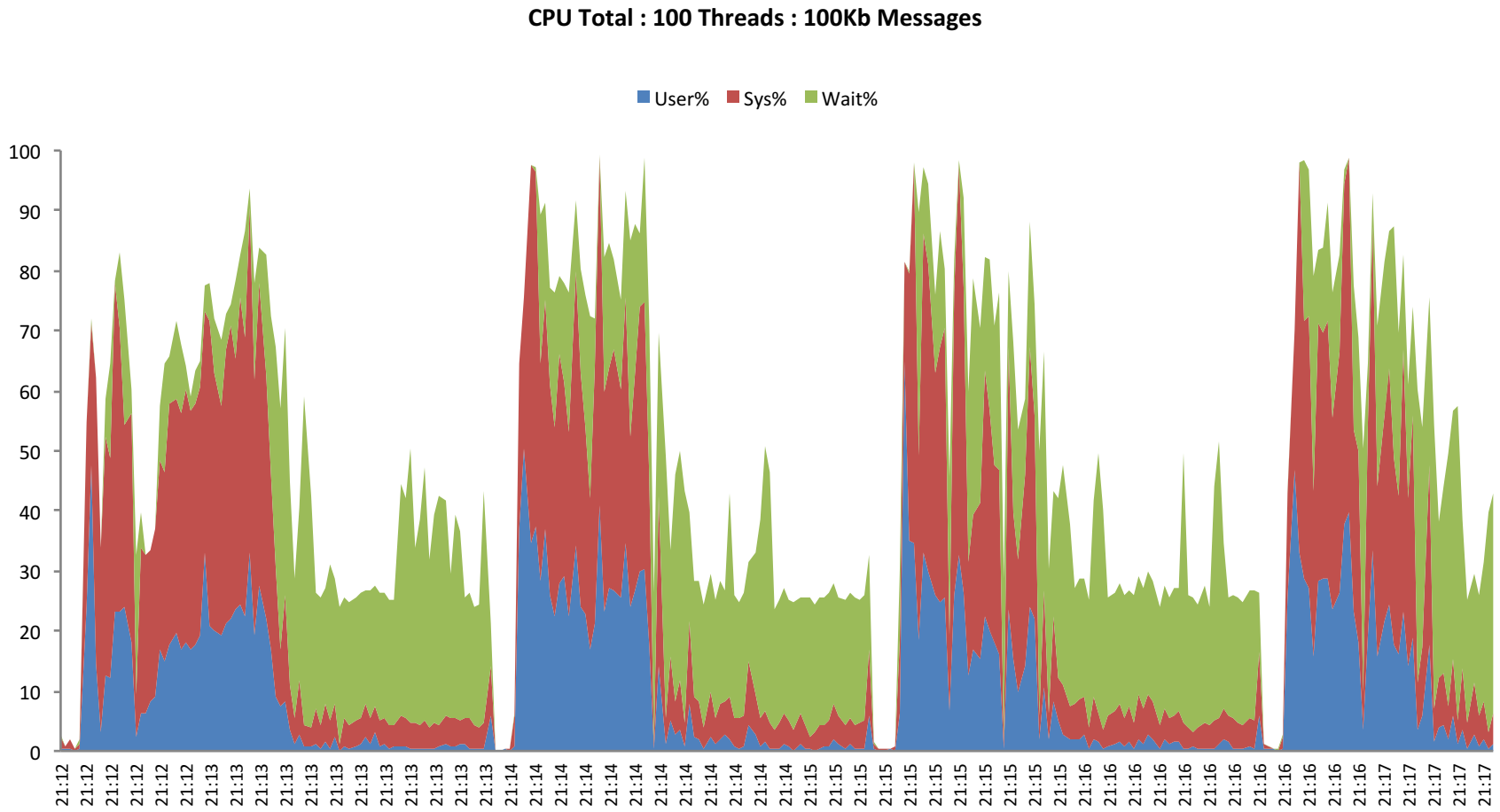
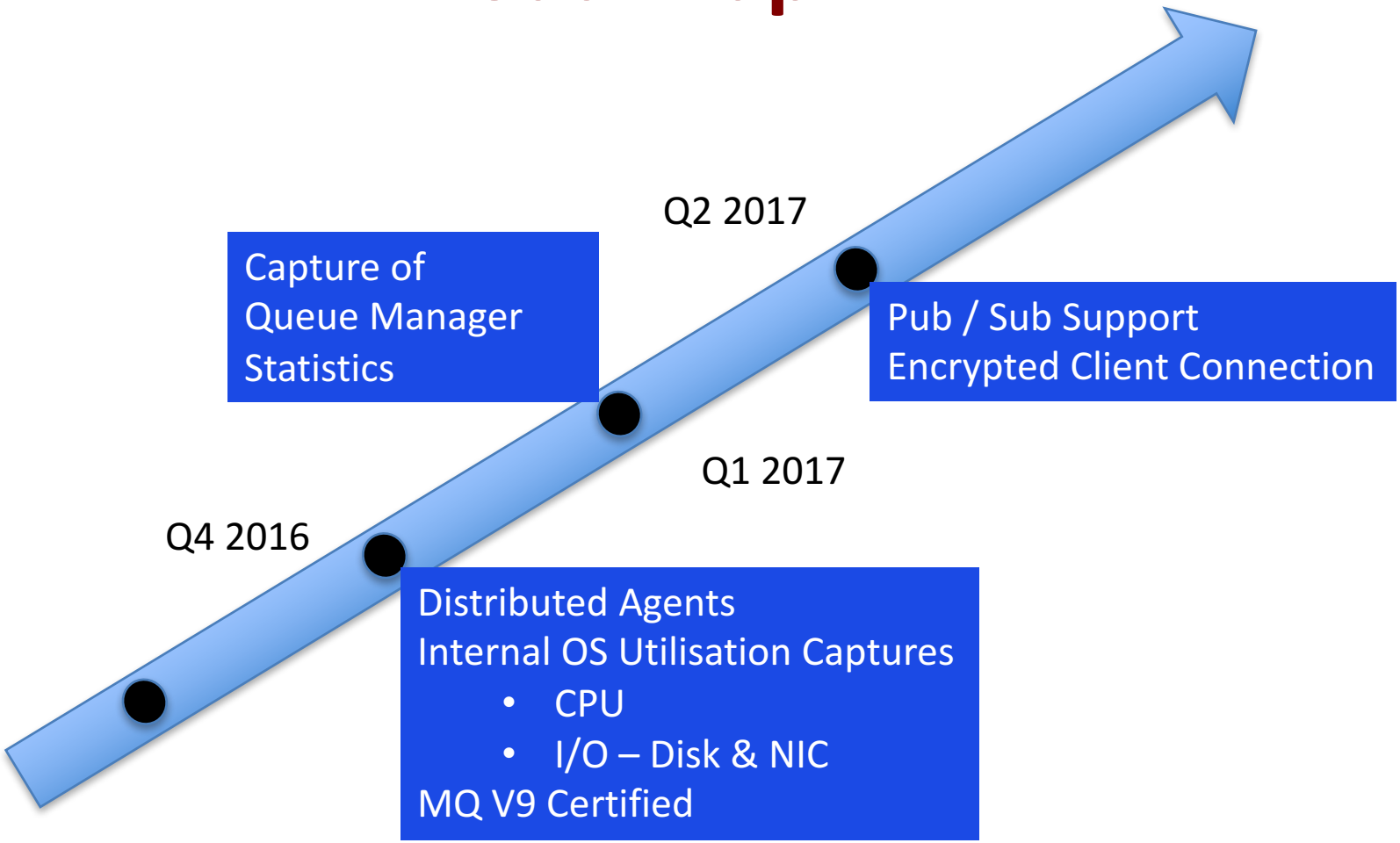


Road Map



Summary

- Providing CPM value for consolidating or changing architectures
- Provide CPM for moving workloads to other technical platforms
- Predictive MQ capacity Events
- Measure Effectiveness of your virtual and horizontal program for MQ Services

Contact Us

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Be one of our early customers and take advantage of special pricing options!

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