

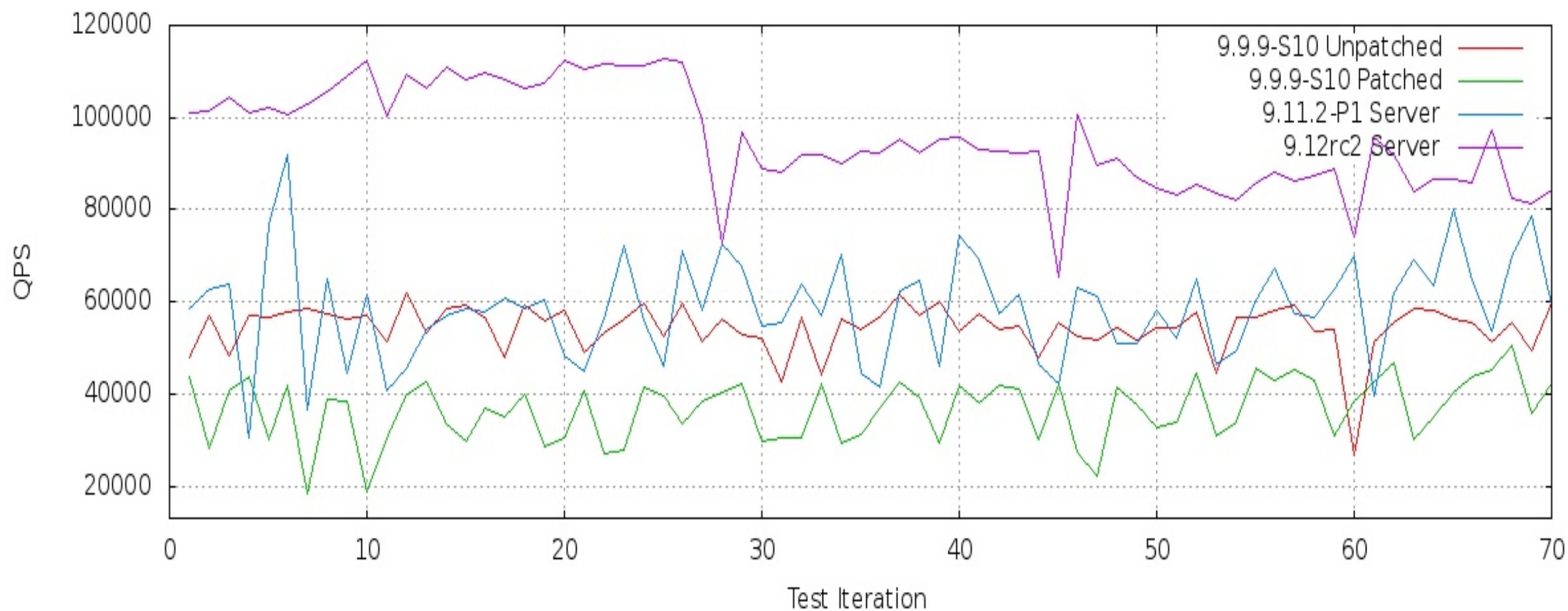
BIND Testing with Meltdown / Spectre

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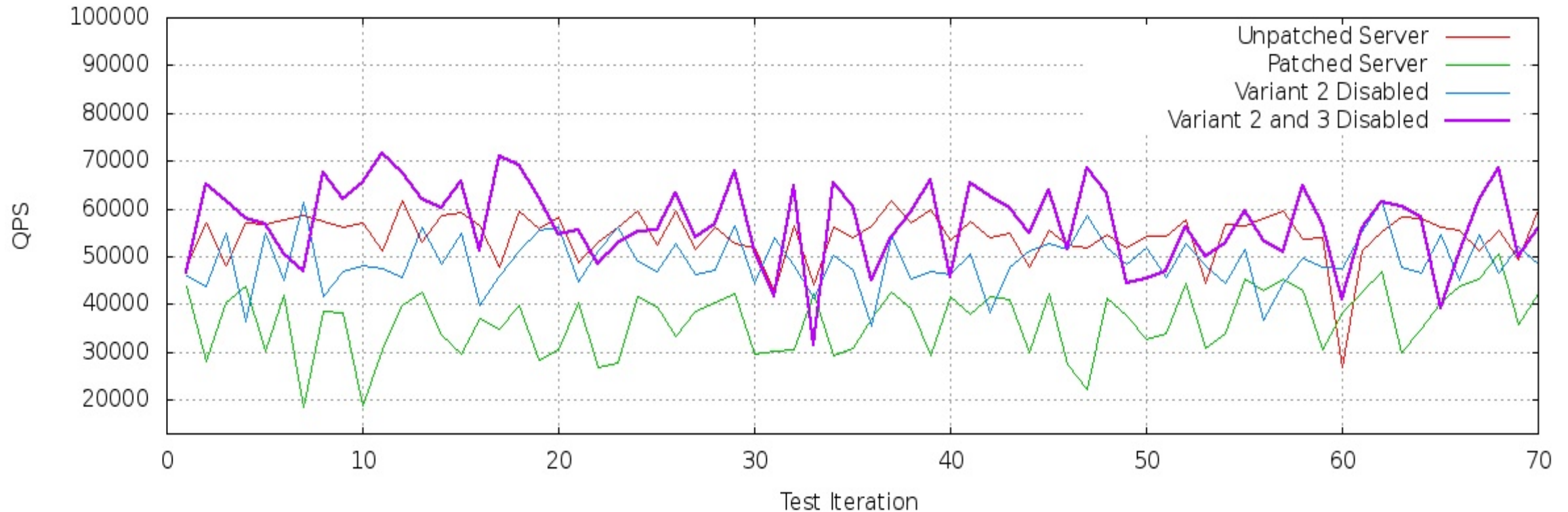
Testing Parameters

- Red Hat Enterprise Linux 7
- HP DL360 Gen9 Server
 - Dual Intel Xeon Processor E5-2697v4
- Multiple DNS Perfs
 - Mix of Qtypes / TTLS
- 70 runs of identical tests
 - 10 minute test
 - 1 minute pause
 - rndc flush in between each execution
- BIND RPMs are custom built, all build parameters should be identical
- Graphing data based on dnssperf output

Results



Testing 9.9.9-S10 with Variants Disabled



Variant 2

- IBRS: Disabled on kernel commandline by 'noibrs'
- IBPB: Disabled on kernel commandline by 'noibpb'

Variant 3

- PTI: Disabled on kernel commandline by 'nopti'

QUESTIONS?