draft-ietf-netvc-testing-03

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11-15-2016
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- Metric updates
- Range updates
Metric text updates

• FastSSIM has been dropped entirely in favor of MS-SSIM.
  – The implementation of MS-SSIM was done from scratch, and found some bugs in the FastSSIM implementation
  – The speed difference between FastSSIM and MS-SSIM is negligible in comparison to compressing video.
Metric text updates

• More info on VMAF usage
  – RD curves use VMAF scores directly, unlike log conversion used for SSIM and MS-SSIM
  – This matches the methodology used by Netflix for their study, “A Large-Scale Comparison of x264, x265, and libvpx” [1]

Range updates

• Quantizer ranges specified for
  – Individual tool testing (4 quantizers)
  – Final requirements testing (10 quantizers)
    • These match draft-ietf-netvc-requirements-03

• Previous version had specified min and max, but not intermediate quantizers
Still to come...

• Adding more clips to baseline [1]
  – 240p
  – HDR

• Set not finalized in time for this draft version