PoC of "Zettar zx"

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KEK to AWS S3 in Tokyo region

aws-cli (AWS native)

	Xfer Rate (Gbps)	Xfer Time (mins)
1st run	2.02	75.13
2nd run	1.99	76.33
3rd run	1.99	76.07
Mean	2.00	**75.84**
SD	0.017	0.63

Zettar zx

	Xfer Rate (Gbps)	Xfer Time (mins)
1st run	6.71	22.67
2nd run	6.72	22.62
3rd run	6.70	22.7
Mean	6.71	**22.66**
SD	0.01	0.04

3.34x faster xfer speed

63 km (39 miles)

172x the distance

KEK to AWS S3 in N. Virginia region
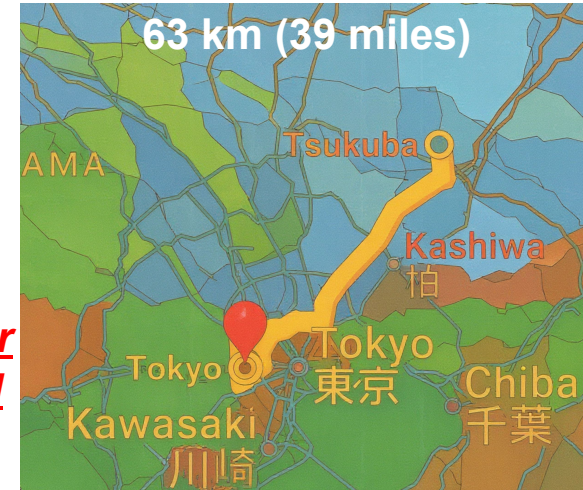
aws-cli (AWS native)

	Xfer Rate (Gbps)	Xfer Time (mins)
1st run	-	238.55
2nd run	-	234.35
3rd run	-	232.65
Mean	-	**235.18**
SD	-	2.48

Zettar zx

	Xfer Rate (Gbps)	Xfer Time (mins)
1st run	4.10	44.57
2nd run	4.74	38.52
3rd run	4.96	36.83
Mean	4.60	**39.97**
SD	0.36	3.32

Better!

5.88x faster xfer speed

10,851 km (6,742 miles)

N. Virginia

Tokyo
東京

3.1x longer xfer time   *Better!*   *1.8x longer xfer time*