

**Fog and Cloud FedSVM model with 10 workers**

GD: Number of iterations: 3000 / 3000

GD: final norm: 2.048095928327235

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Runtime GD num\_iters= 45.49141478538513

final cost with GD 43.148475259929675

final acc on Cloud FedSVM\_GD: 0.9391698113207547

acc\_final\_GD= accuracy(W\_GD[:, 4].reshape(d, 1) + W\_GD[:, 5].reshape(d, 1) / 2, X\_test, Y\_test)

SGD: Number of iterations: 3000 / 3000

SGD: final norm: 10.65235394695729

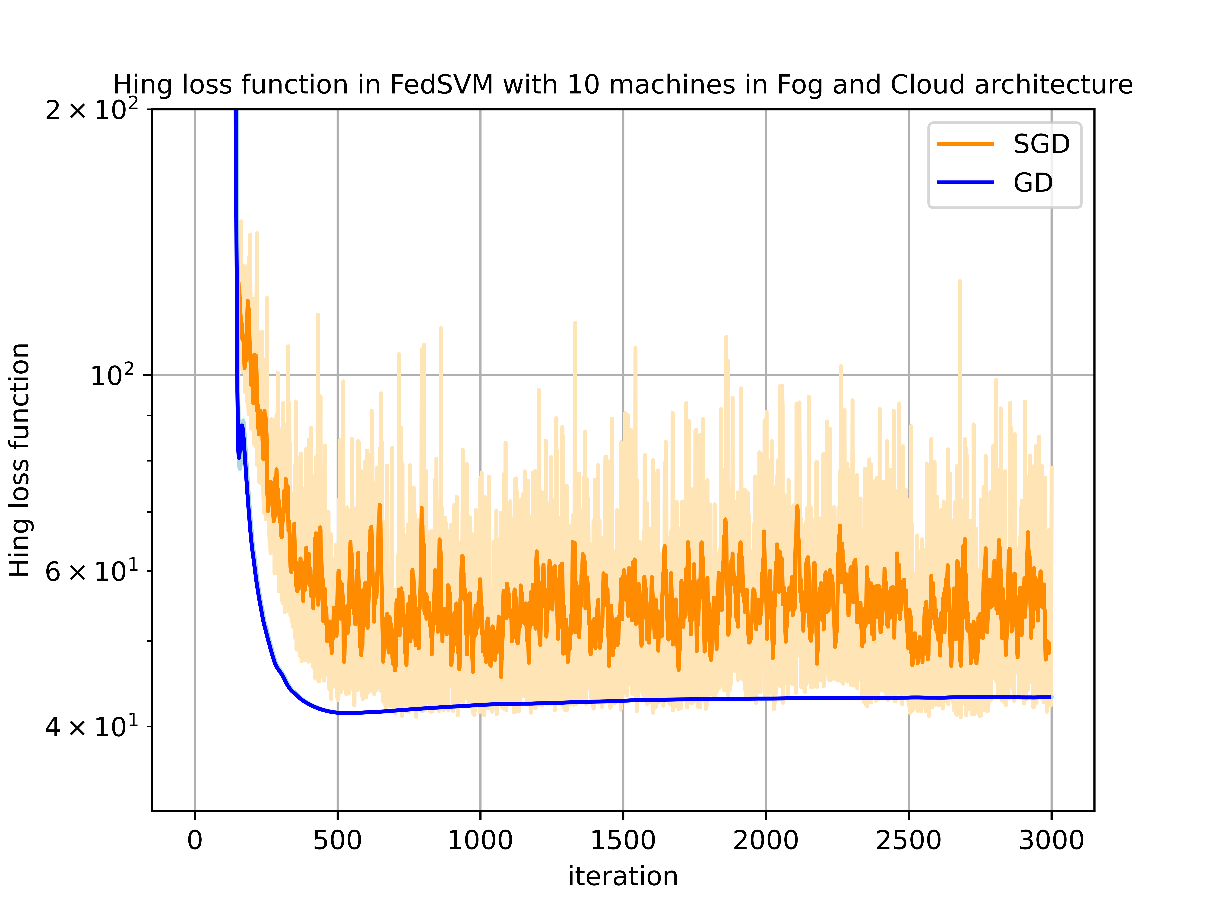
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Runtime SGD num\_iters= 35.59947061538696

final cost with SGD 78.52559686192956

final acc on Cloud FedSVM\_SGD: 0.9388679245283019

acc\_final\_SGD = accuracy(W\_SGD[:, 4].reshape(d, 1) + W\_SGD[:, 5].reshape(d, 1) / 2, X\_test, Y\_test)



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