

Federated Learning Experiment Report

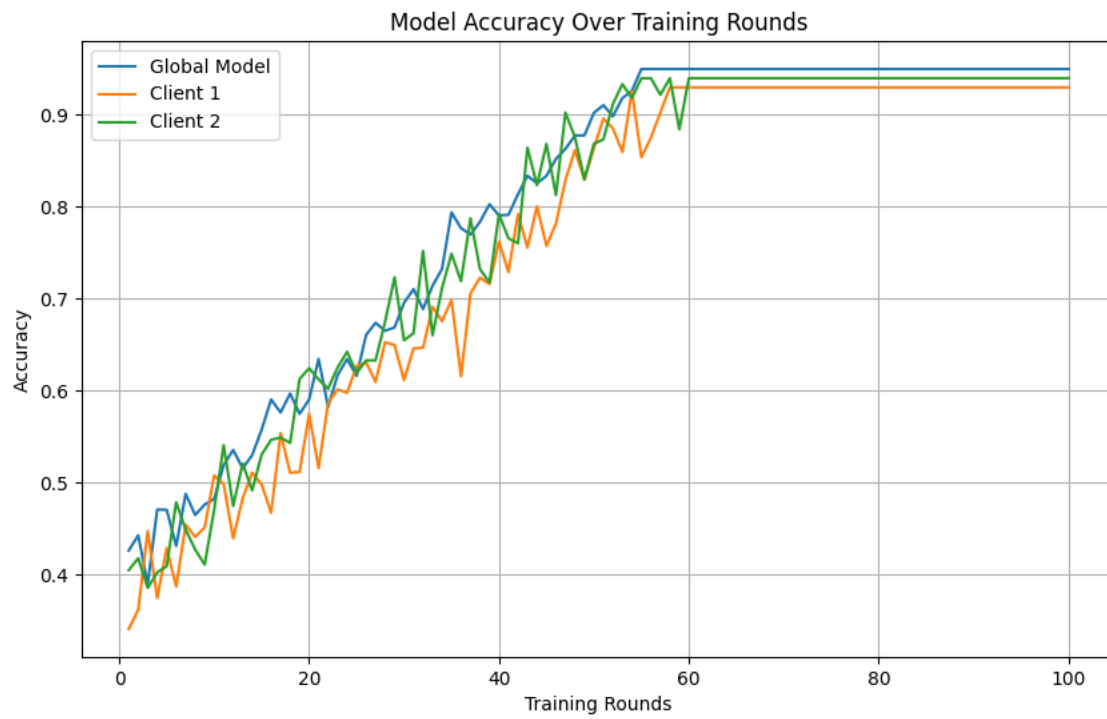
Generated on: 2025-04-19 22:24:56

Model Configuration

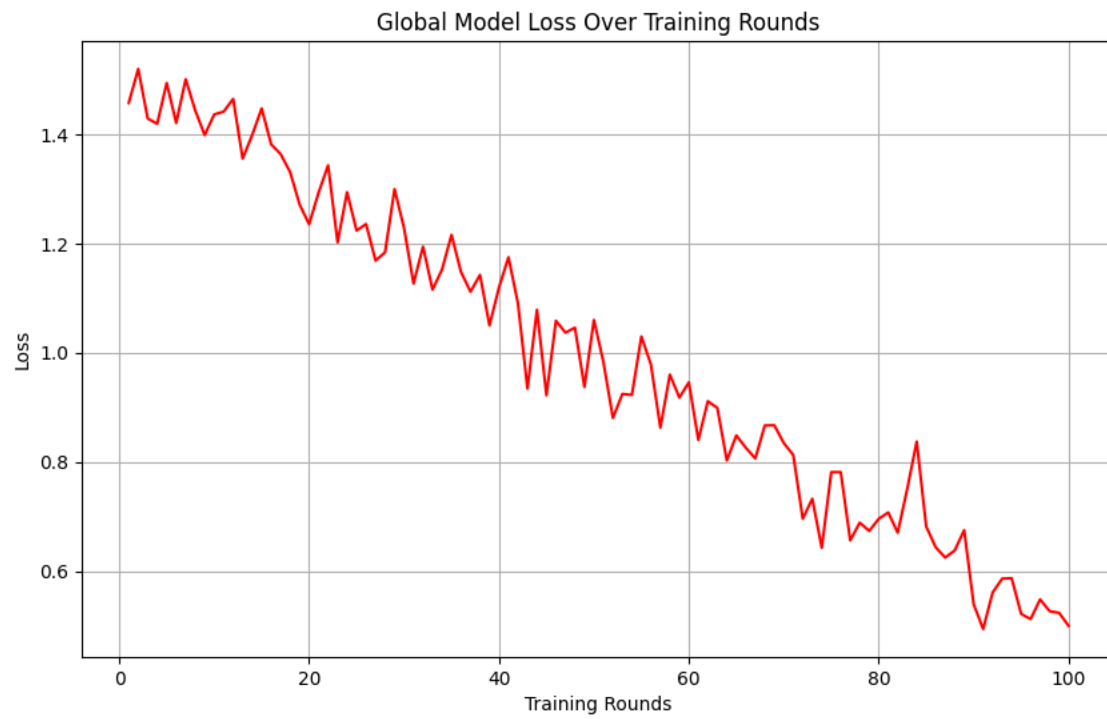
Parameter	Value
Model Architecture	MobileNetV2
Dataset	CIFAR-10
Number of Clients	2
Training Rounds	100
Batch Size	32/256
Learning Rate	0.001/0.05

Training Results

Model Accuracy

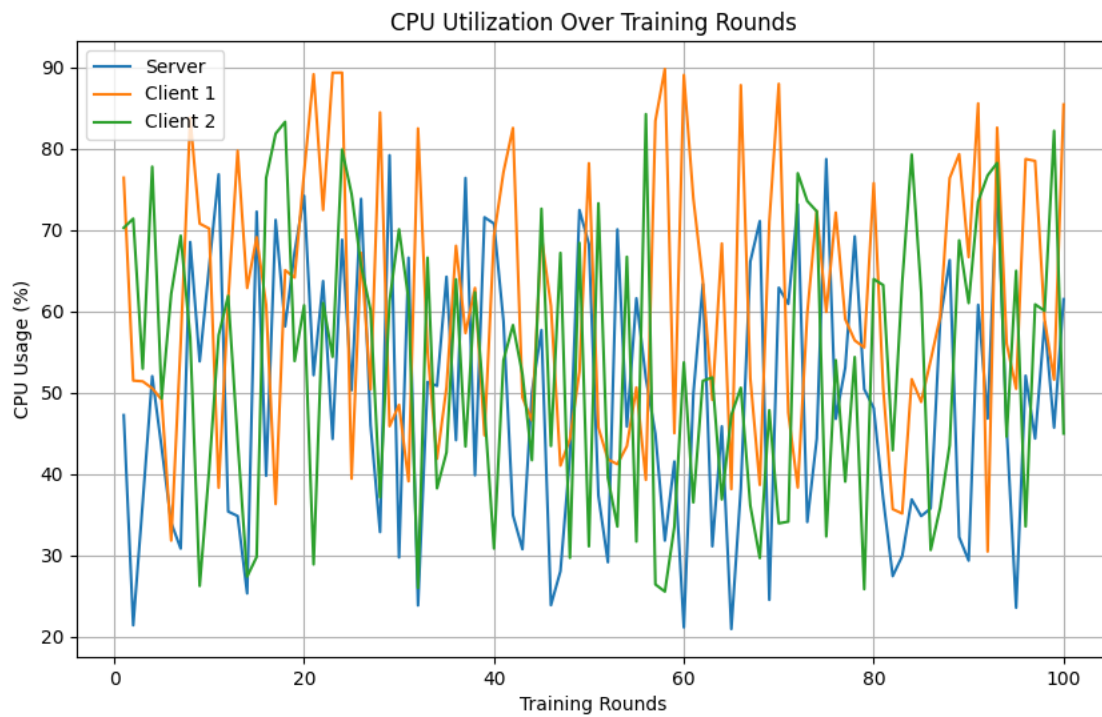


Model Loss

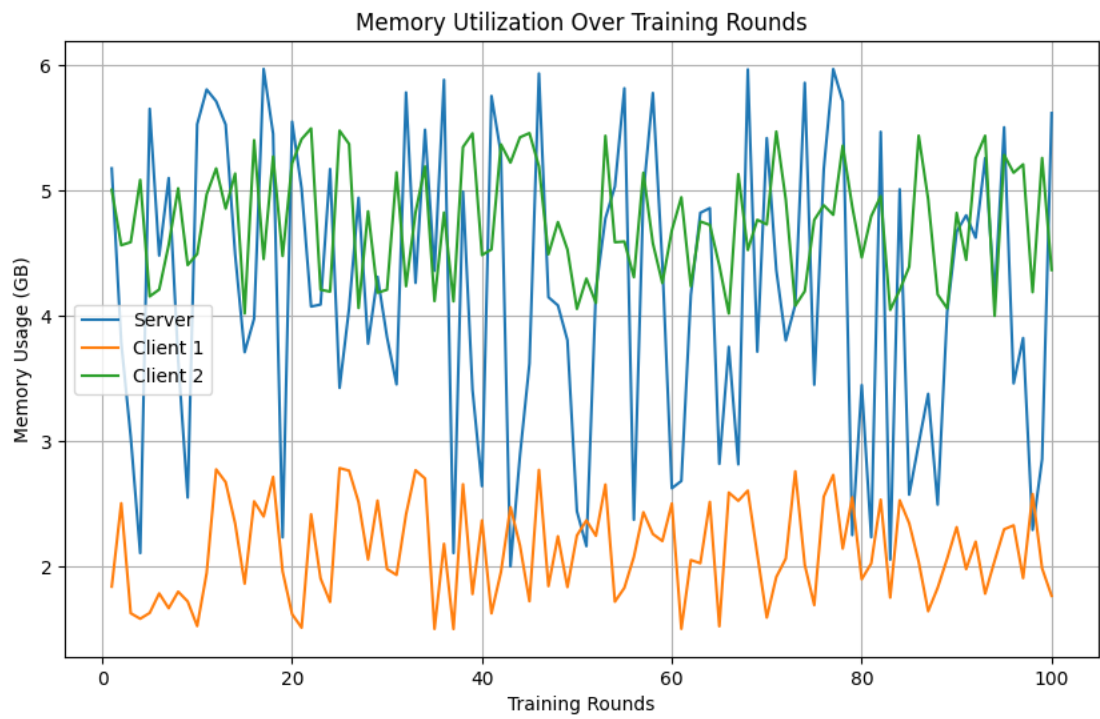


System Performance Metrics

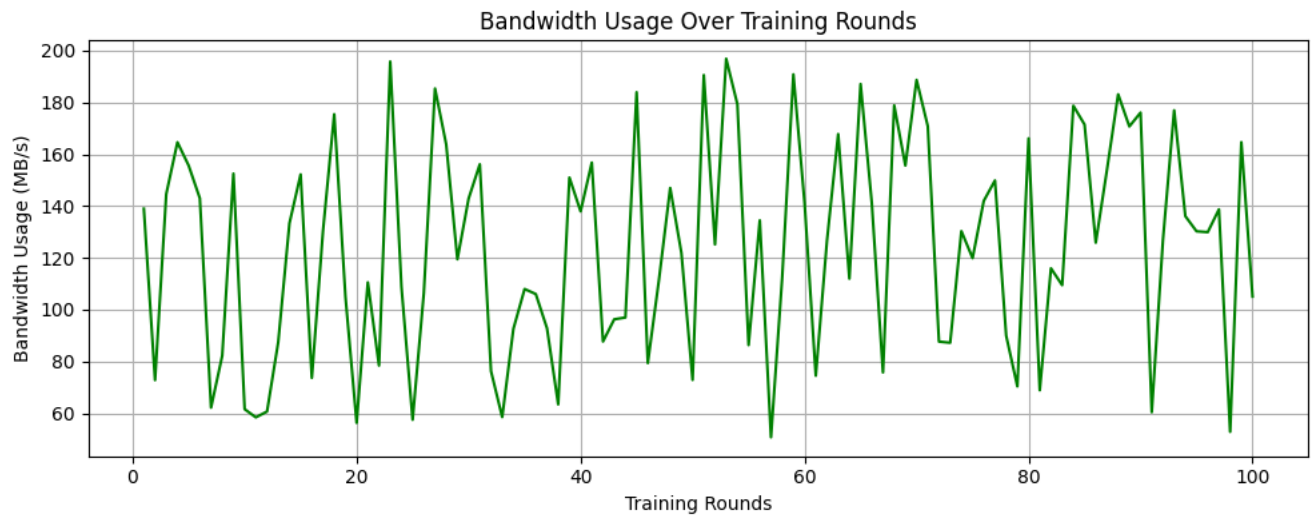
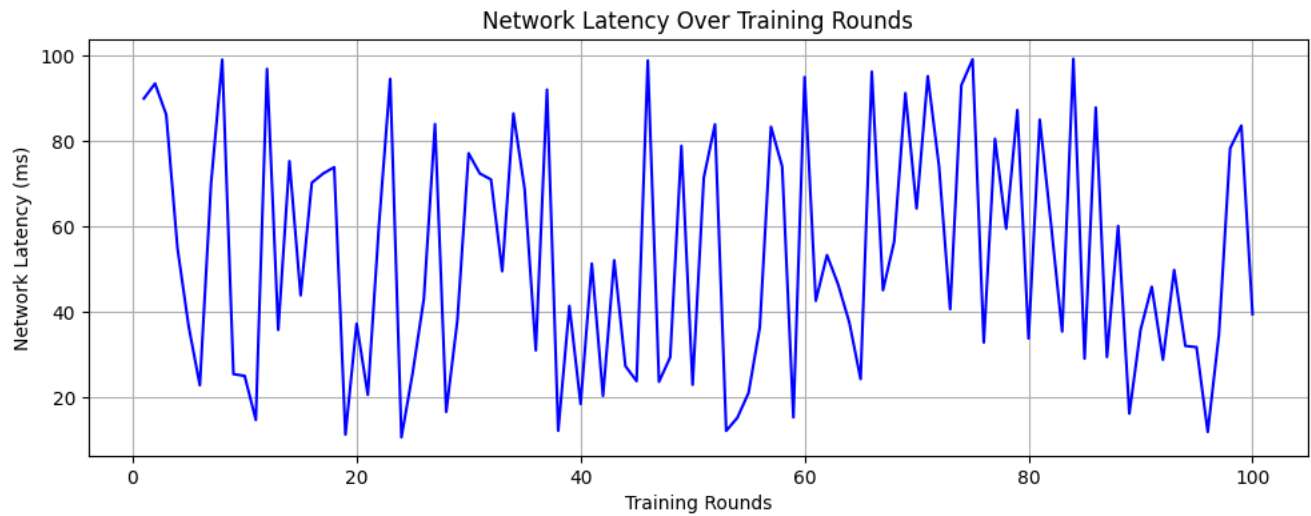
CPU Utilization



Memory Utilization



Network Metrics



System Statistics Summary

Metric	Average	Peak
Server CPU Usage (%)	49.50	79.19
Server Memory (GB)	4.19	5.97
Network Latency (ms)	53.12	99.24
Bandwidth (MB/s)	123.85	196.88
Round Duration (s)	79.19	118.51

Final Results

Metric	Value
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Final Global Accuracy	0.9500
Final Global Loss	0.4995
Client 1 Final Accuracy	0.9300
Client 2 Final Accuracy	0.9400