Test #	Preconditions index	agents	modifications	Service Host	Free Node	application type	Expected Outcome	description	Actual Outcome	Complete?
1	C	cloud	delay	TRUE		docker	Migration from C to A	Apps should move from a slow cloud to a fast edge	System stabilizes, then triggers a migration from Cloud (C) to Edge (A)	✓
	A	edge			TRUE					
2	C	cloud	major-delay	TRUE		docker	Migration from C to B	Apps should move from a slow cloud to the fastest edge	System stabilizes, then triggers a migration from Cloud (C) to Edge (B)	✓
	A	edge	minor-delay		TRUE					
	B	edge			TRUE					
3	C	cloud			TRUE	docker	Migration from A to C	Apps should move from a node under stress to the cloud	System stabilizes, then triggers a migration from Edge (A) to Cloud(C)	✓
	A	edge	cpu-stress	TRUE						
4	C	cloud	delay	TRUE		docker	Migration from C to B	Apps should move from a slow cloud to an edge with low cpu utilization	System stabilizes, then triggers a migration from Cloud (C) to Edge (B)	✓
	A	edge	cpu-stress		TRUE					
	B	edge			TRUE					
5	C	cloud			TRUE	docker	Migration from A to C	Apps should move from a node under stress to the cloud	System stabilizes, then triggers a migration from Edge (A) to Cloud(C)	✓
	A	edge	memory-stress	TRUE						
6	C	cloud	delay	TRUE		docker	Migration from C to B	Apps should move from a slow cloud to an edge with low memory utilization	System stabilizes, then triggers a migration from Cloud (C) to Edge (B)	✓
	A	edge	memory-stress		TRUE					
	B	edge			TRUE					
7	C	cloud	delay	TRUE		jar	Migration from C to A	Redirection from Cloud to Edge with the app installed	System stabilizes, then launches the installed service on Edge (A)	✓
	A	edge	app-installed		TRUE					
	B	edge			TRUE					
8	C	cloud	major-delay	TRUE		jar	Migration from C to A	Redirection from Cloud to Edge with the app installed, then migration to the other Edge once the app has been installed	System stabilizes, then launches the service on Edge (A) then requests a migration from Cloud (C) to Edge (B) then launches the service on Edge (B)	✓
	A	edge	app-installed minor-delay		TRUE					
	B	edge			TRUE					

Application Types

docker-basic	A stateless Http Server application
jar-stateful	A stateful Http Server application

Command: docker run --name MyStreamingApp -v MyData:/data -p 8080:8080 stream:latest
-v <volume name>:<path in container>

Stress Commands

stress -c 4
stress -m 2 --vm-bytes 1500M

Other Scenarios

Migration triggers combining Latency, CPU, Memory, …
Scenarios that involve the stateful application