

Test #	Preconditions						Expected Outcome	description	Actual Outcome
	index	agents	modifications	Service Host	Free Node	application type			
1	C	cloud	delay	TRUE		docker-basic	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-basic	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-basic	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-basic	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-basic	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-basic	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			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	jar-basic				
	B	edge		TRUE					
8	C	cloud	major-delay	TRUE			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	TRUE	jar-basic				
	B	edge	minor-delay	TRUE					

Application Types	
docker-basic	A stateless Http Server application
jar-stateful	A stateful Http Server application
Stress Commands	
stress -c 4	
stress -m 2 --vm-bytes 1500M	