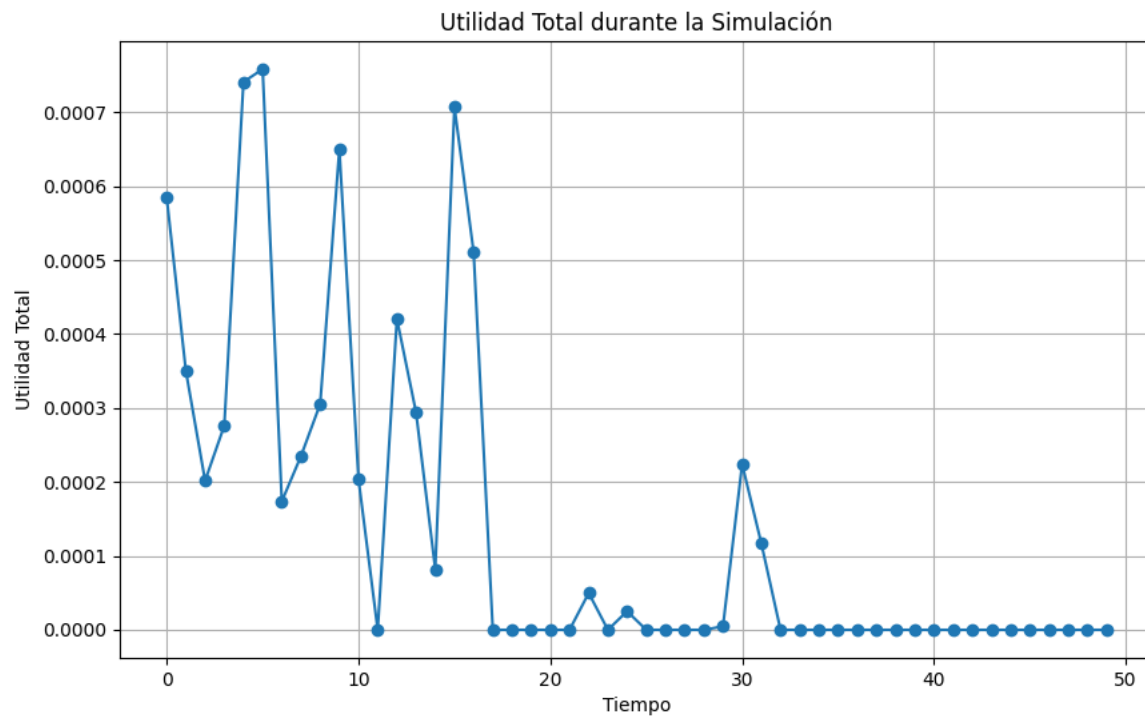
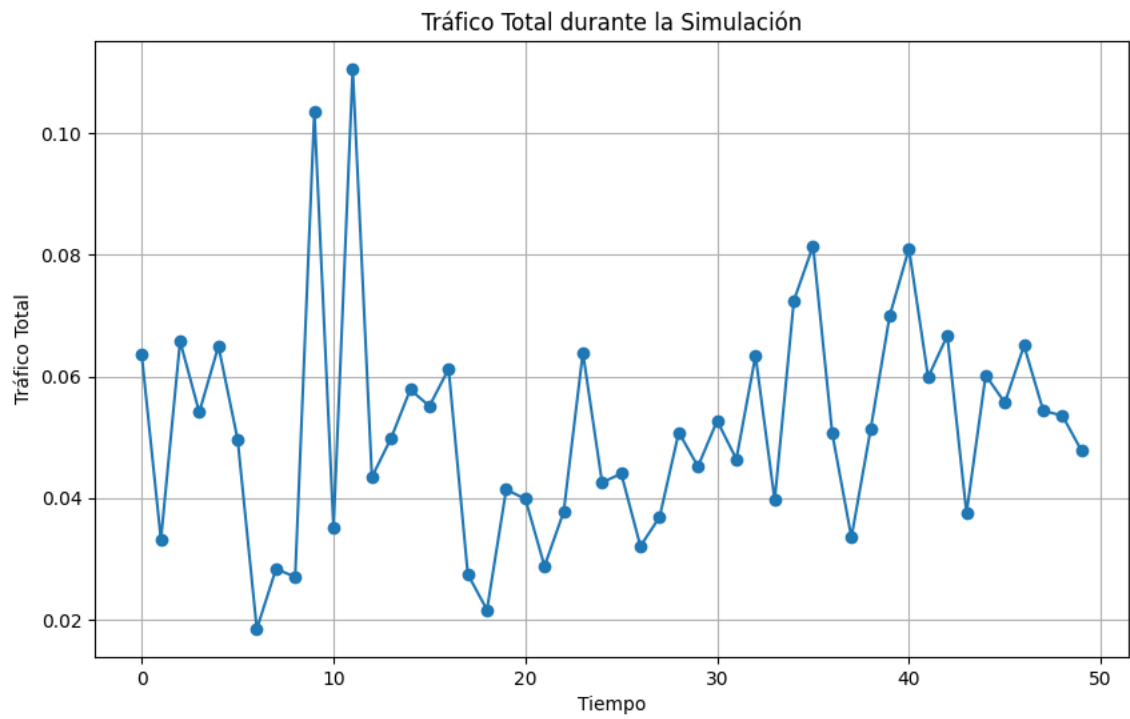


Reporte de Simulación

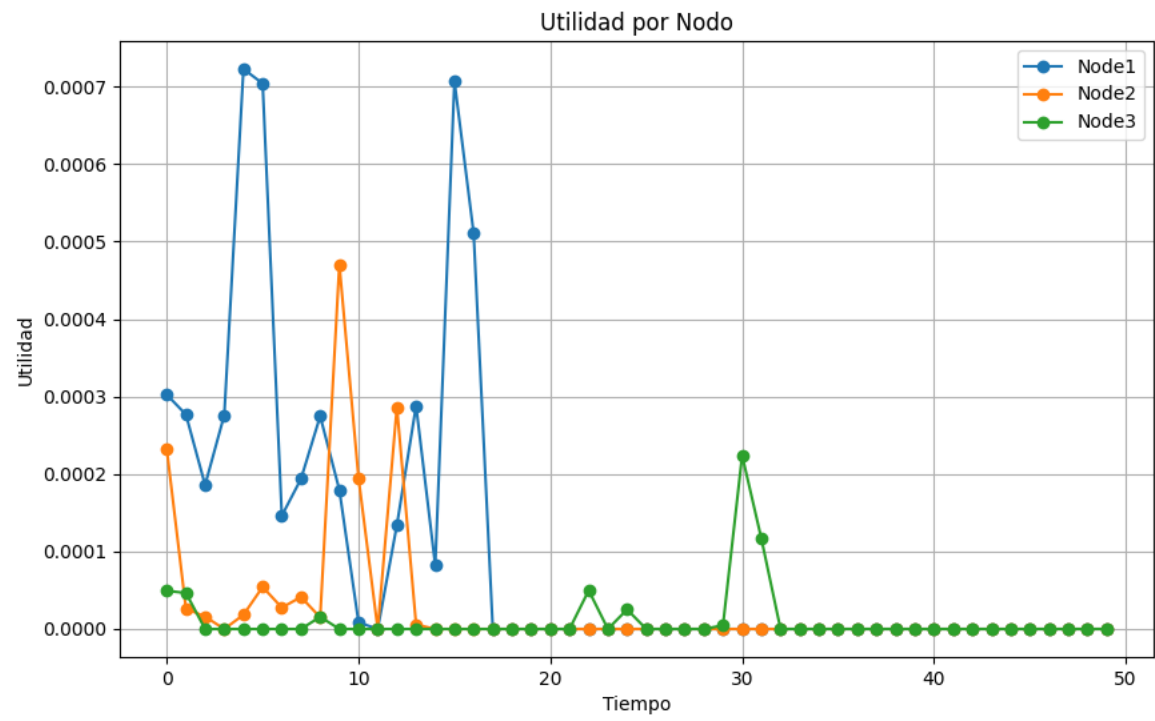
Utilidad Total durante la Simulación



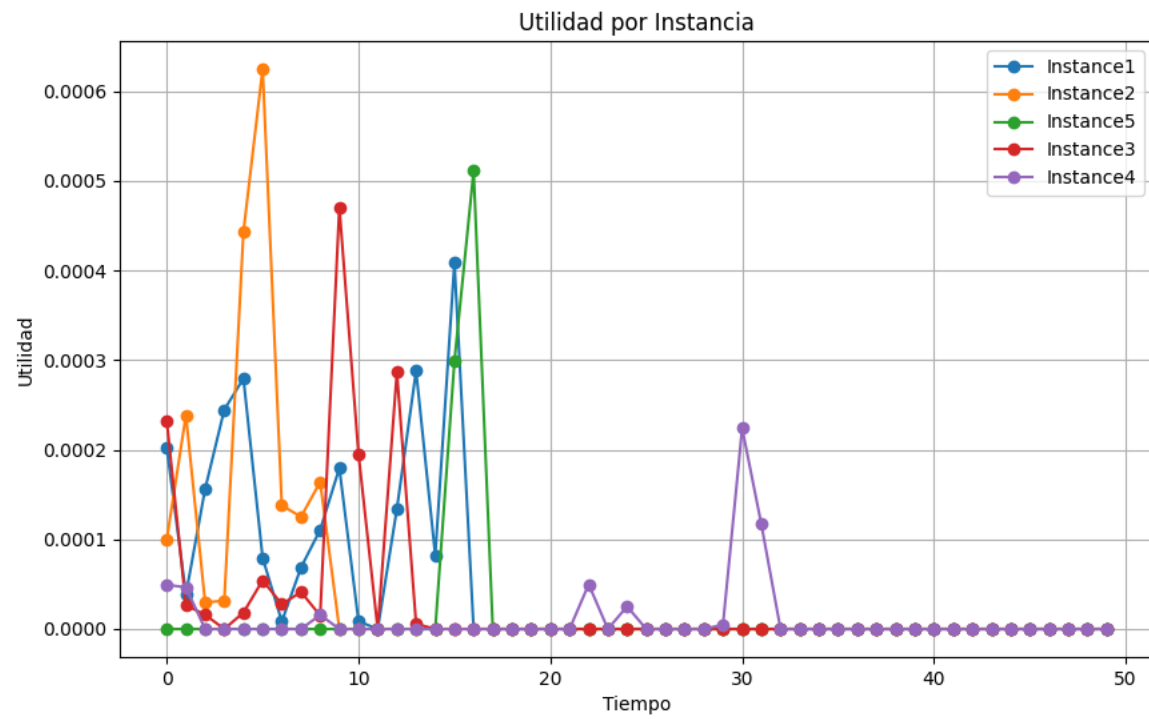
Tráfico Total durante la Simulación



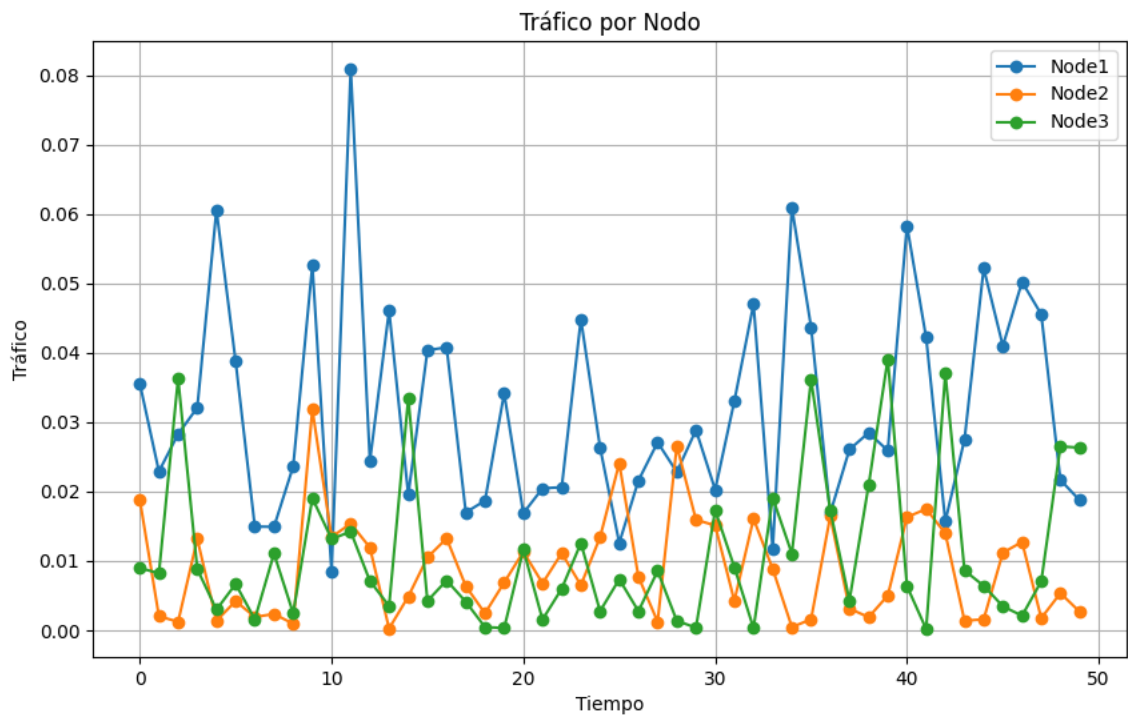
Utilidad por Nodo



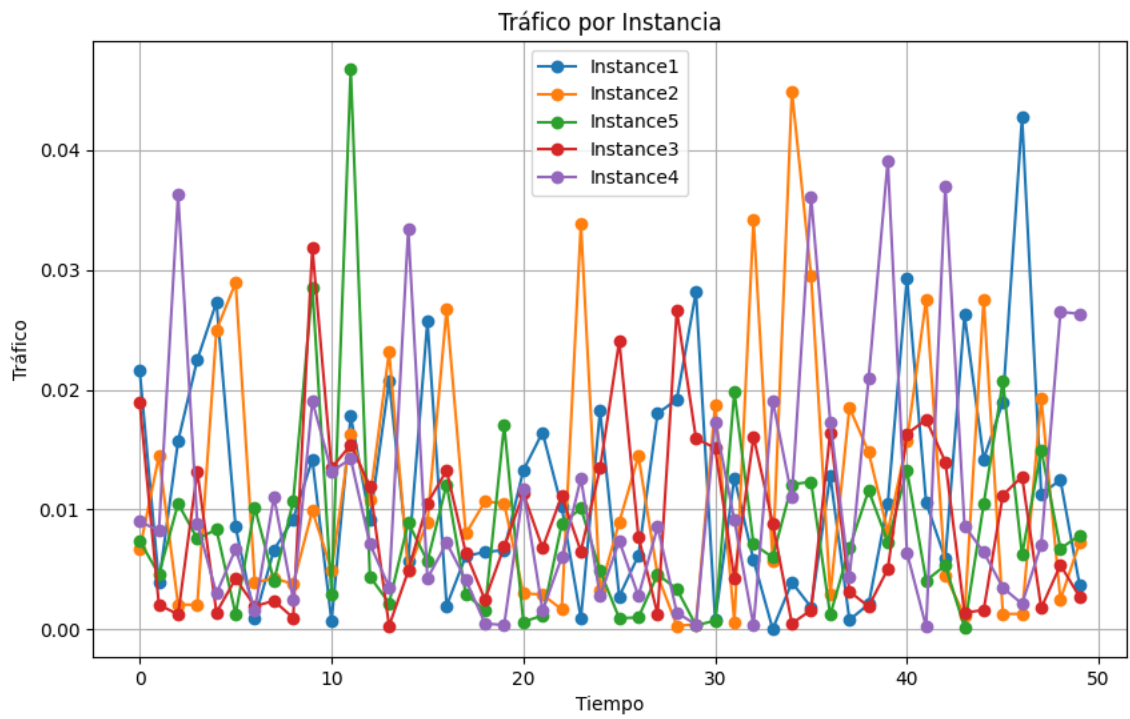
Utilidad por Instancia



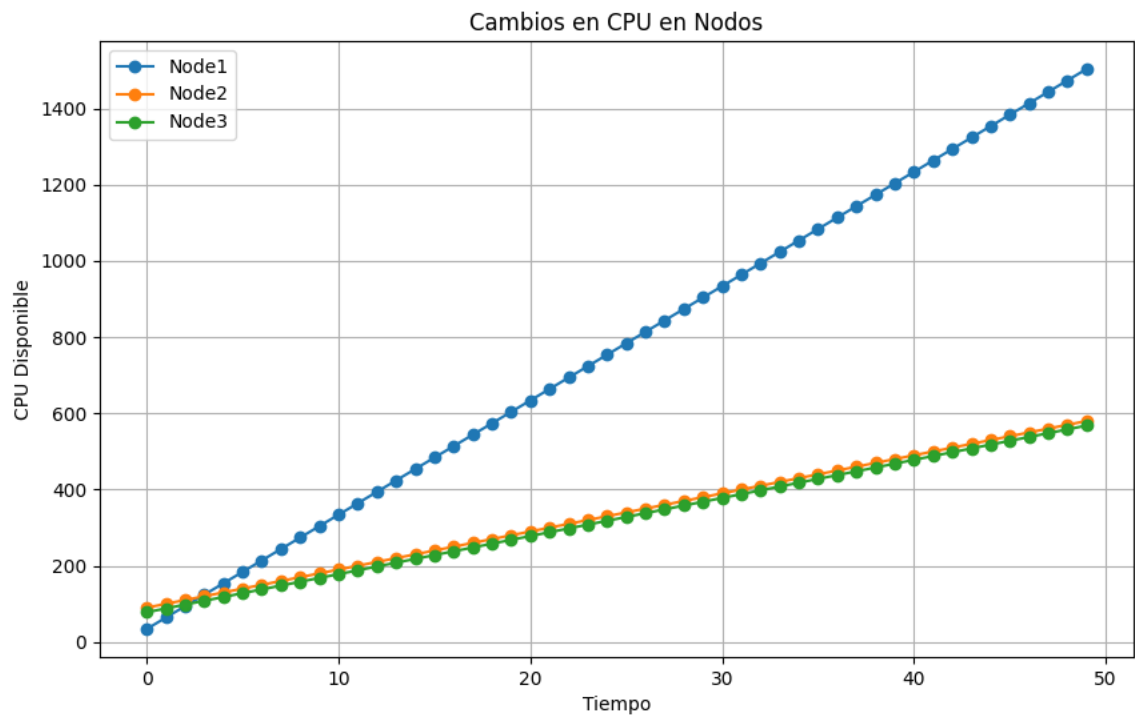
Tráfico por Nodo



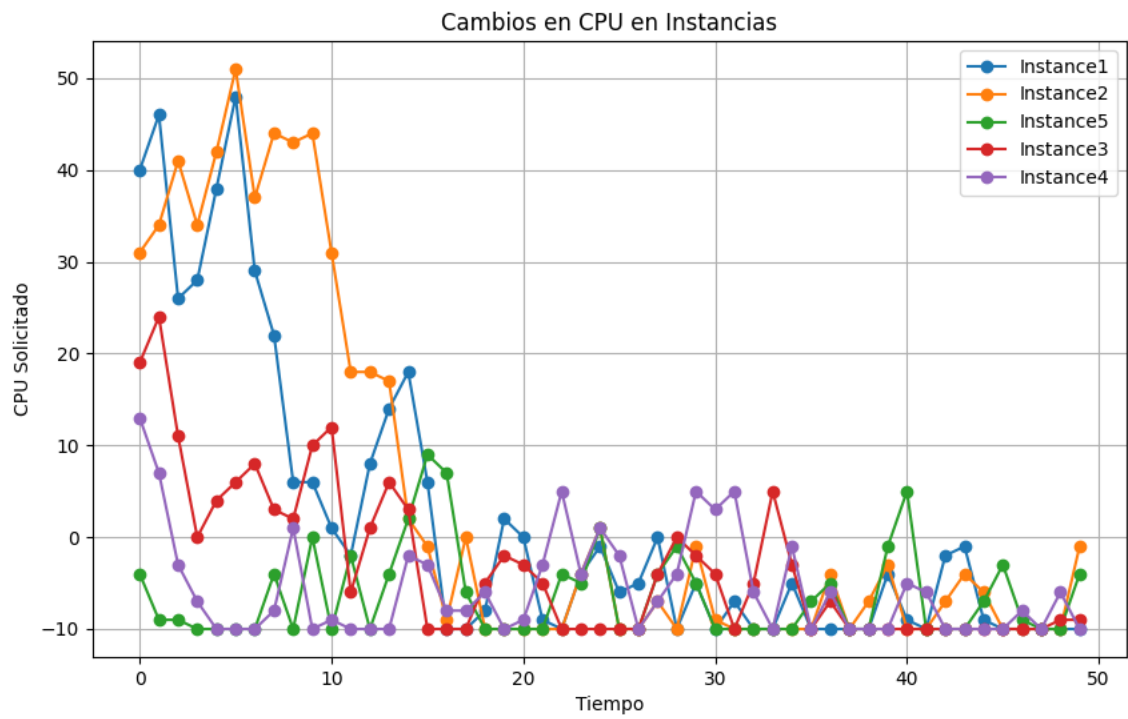
Tráfico por Instancia



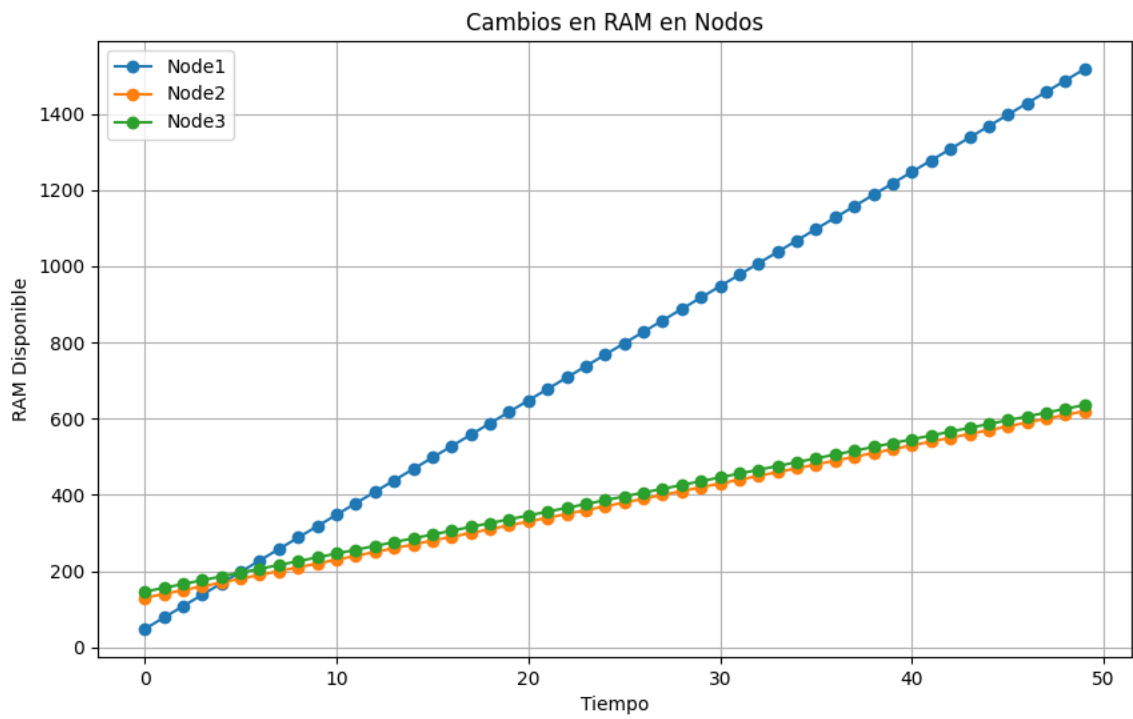
Cambios en CPU en Nodos



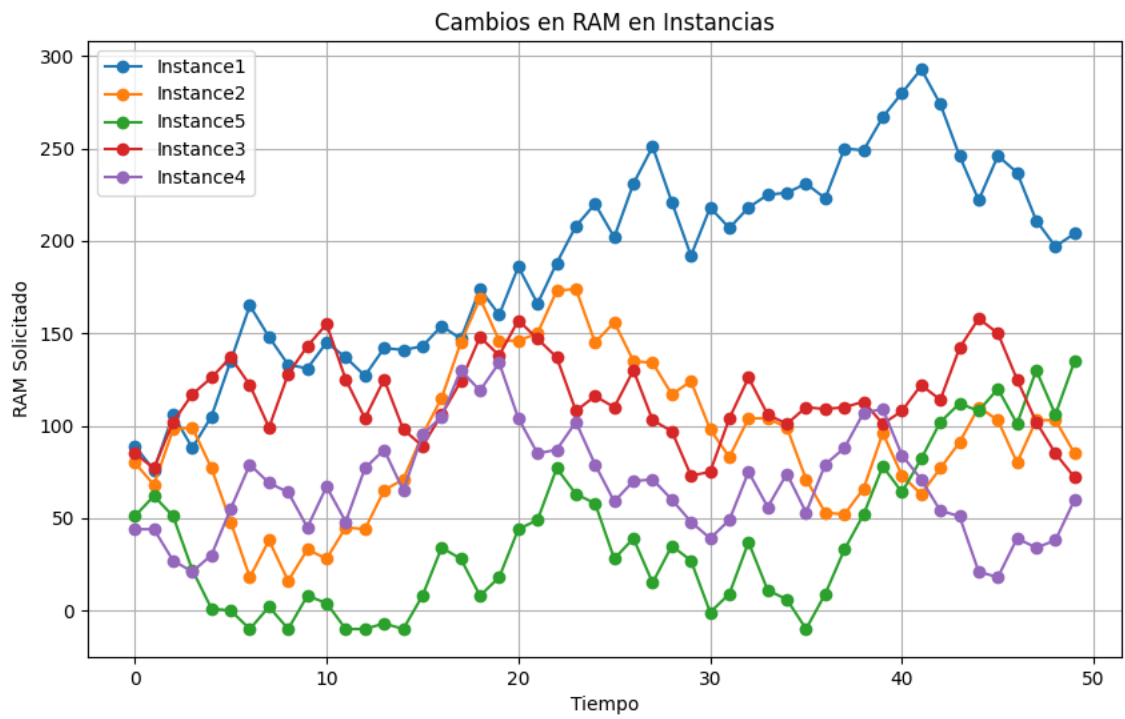
Cambios en CPU en Instancias



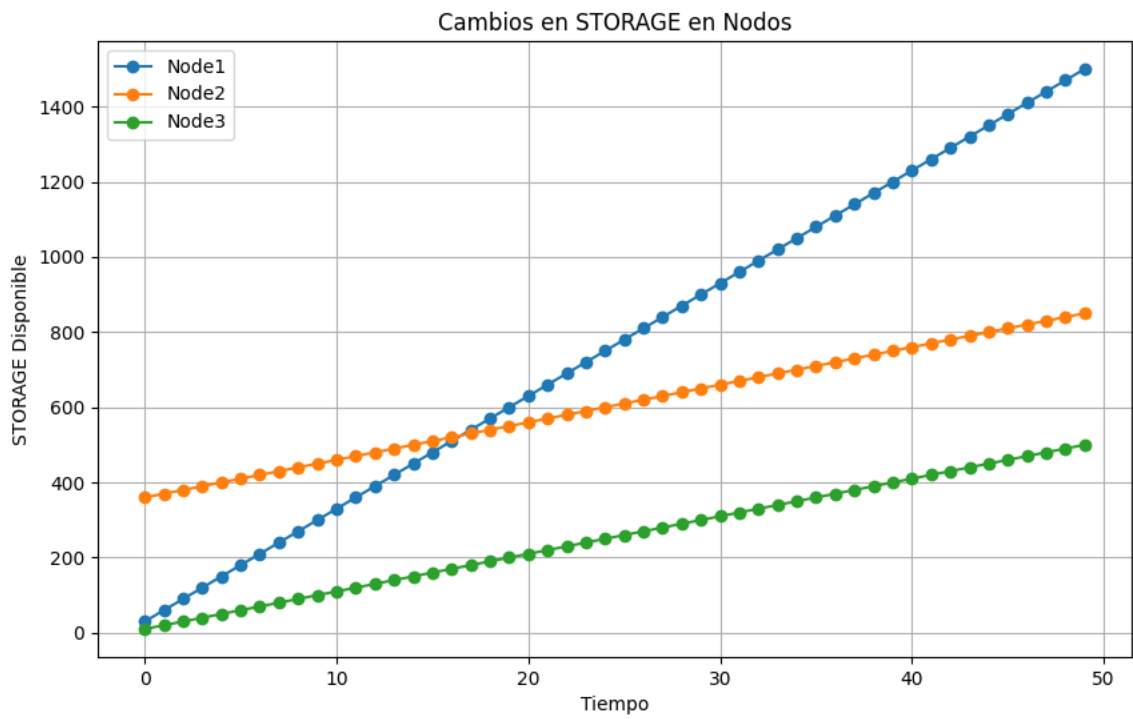
Cambios en RAM en Nodos



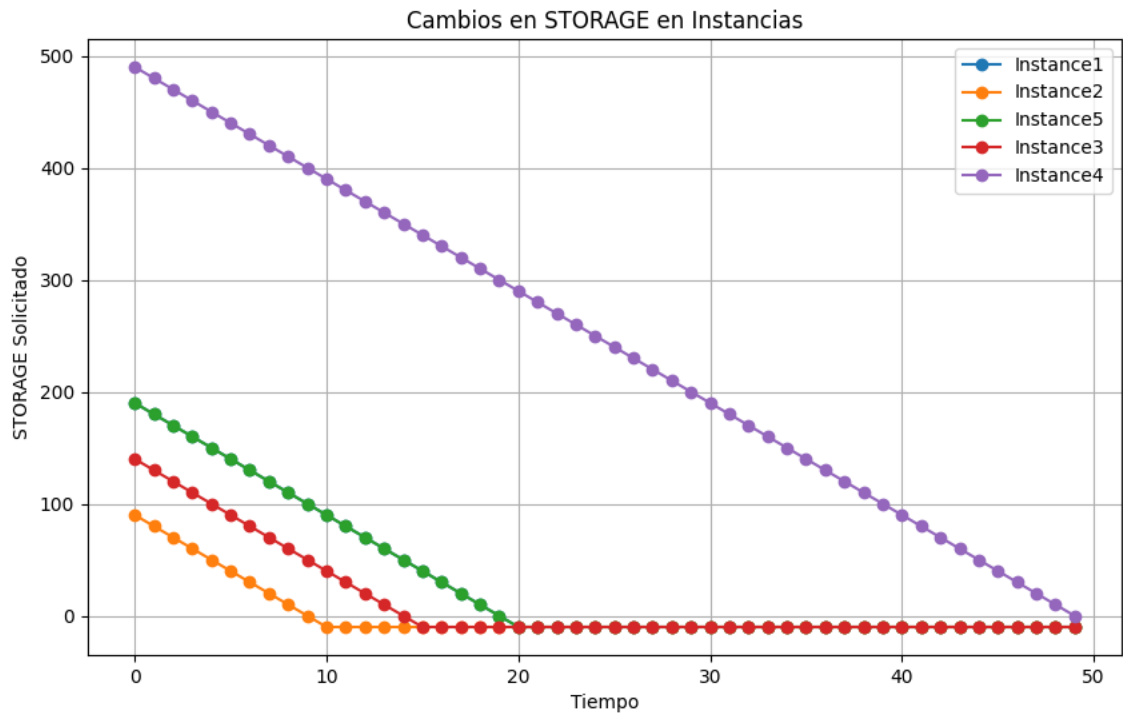
Cambios en RAM en Instancias



Cambios en STORAGE en Nodos



Cambios en STORAGE en Instancias



Datos de Instance1

Tiempo	Utilidad	Tráfico	CPU Solicitado	RAM Solicitado	STORAGE Solicitado
0	0.00020285410859236105	0.021570153546987724	40	89	190
1	3.843874465524962e-05	0.0038695002952951283	46	76	180
2	0.0001561158173861503	0.015715658950205796	26	106	170
3	0.0002445890635944277	0.02250219385068735	28	88	160
4	0.0002795078529359933	0.027298600303415344	38	105	150
5	7.935085376489318e-05	0.008543441922020166	48	135	140
6	8.343948762529308e-06	0.0009011464663531653	29	165	130
7	6.860847814211252e-05	0.006632152887070878	22	148	120
8	0.00011069955432583336	0.009188063009044168	6	133	110
9	0.00017956245734322327	0.014185434130114638	6	131	100
10	8.582676082000302e-06	0.0006751705184506905	1	145	90
11	0	0.01779238918187222	-2	137	80
12	0.0001341393762108127	0.009166190707738867	8	127	70

13	0.0002881062229798572	0.020743648054549715	14	142	60
14	8.207636841225551e-05	0.005717986999387134	18	141	50
15	0.0004083592187452499	0.025726630780950742	6	143	40
16	0	0.001966105882375495	-10	154	30
17	0	0.006106811843452009	-10	147	20
18	0	0.006447031700984667	-8	174	10
19	0	0.006607872476068752	2	160	0
20	0	0.013269900025508225	0	186	-10
21	0	0.016432568211977253	-9	166	-10
22	0	0.010220056608622703	-10	188	-10
23	0	0.0009006361175515452	-4	208	-10
24	0	0.01823597146116045	-1	220	-10
25	0	0.00273805362508496	-6	202	-10
26	0	0.006159201154174371	-5	231	-10
27	0	0.01802210735074543	0	251	-10
28	0	0.019172128952219657	-10	221	-10
29	0	0.028154803247673485	-5	192	-10
30	0	0.0007867413872624002	-10	218	-10
31	0	0.012646677988676825	-7	207	-10
32	0	0.00576969131110065	-10	218	-10
33	0	1.9005947110554065e-05	-10	225	-10
34	0	0.003912463229869211	-5	226	-10
35	0	0.0018395346303553039	-10	231	-10
36	0	0.012841375267188879	-10	223	-10
37	0	0.0007756510974987654	-10	250	-10
38	0	0.00209119595820639	-10	249	-10
39	0	0.010464713976110922	-4	267	-10
40	0	0.029342362896605488	-9	280	-10
41	0	0.0105412330263358	-10	293	-10
42	0	0.0058884781024712805	-2	274	-10
43	0	0.02623626452715485	-1	246	-10
44	0	0.014200469234113665	-9	222	-10
45	0	0.018995072571598715	-10	246	-10
46	0	0.04271655337667452	-10	237	-10
47	0	0.011280813909498488	-10	211	-10

48	0	0.012470917623328349	-10	197	-10
49	0	0.0036946704413074183	-10	204	-10

Datos de Instance2

Tiempo	Utilidad	Tráfico	CPU Solicitado	RAM Solicitado	STORAGE Solicitado
0	9.964572099215384e-05	0.006676263306474307	31	80	90
1	0.00023832412746364935	0.014458330399461393	34	68	80
2	2.9713160276465797e-05	0.002070016832593784	41	98	70
3	3.151400864367595e-05	0.0020274012227431523	34	99	60
4	0.0004432273910761203	0.02496847636395478	42	77	50
5	0.0006247063219491233	0.02894472625030938	51	48	40
6	0.0001378467928831386	0.0039056591316889273	37	18	30
7	0.00012516041168339327	0.004255453997235371	44	38	20
8	0.00016404092588005989	0.003772941295241377	43	16	10
9	0	0.009895591166004938	44	33	0
10	0	0.004939109965562094	31	28	-10
11	0	0.016316759211534495	18	45	-10
12	0	0.010841751537761589	18	44	-10
13	0	0.023144367377768635	17	65	-10
14	0	0.004919512096211132	2	71	-10
15	0	0.008955758857472445	-1	95	-10
16	0	0.026729610587396216	-9	115	-10
17	0	0.007978931131865031	0	145	-10
18	0	0.010655900131354278	-10	169	-10
19	0	0.010505186145239905	-10	146	-10
20	0	0.0029945783155068966	-10	146	-10
21	0	0.0028977866580143213	-10	150	-10
22	0	0.0016478501972590695	-10	173	-10
23	0	0.033826190814722976	-4	174	-10
24	0	0.003255103063400137	1	145	-10
25	0	0.00893705969382344	-10	156	-10
26	0	0.014455382438445403	-10	135	-10
27	0	0.004492090138026855	-7	134	-10

28	0	0.0002972589824781467	-10	117	-10
29	0	0.0003945652092491527	-1	124	-10
30	0	0.018773752828950864	-9	98	-10
31	0	0.0005952261339824549	-10	83	-10
32	0	0.03415000369479887	-10	104	-10
33	0	0.005652233456378025	-10	104	-10
34	0	0.04493473269615281	-10	99	-10
35	0	0.029559953422635888	-10	71	-10
36	0	0.002860993178968893	-4	53	-10
37	0	0.01850831941180839	-10	52	-10
38	0	0.01479044186959976	-7	66	-10
39	0	0.00814842596786115	-3	96	-10
40	0	0.01568241410394757	-10	73	-10
41	0	0.027567691915006534	-10	63	-10
42	0	0.004503384180844542	-7	77	-10
43	0	0.0011177648532028294	-4	91	-10
44	0	0.0275378674039117	-6	110	-10
45	0	0.0012663194670987582	-10	103	-10
46	0	0.0012895841302934885	-10	80	-10
47	0	0.019281029273930276	-10	103	-10
48	0	0.002472632305474569	-10	103	-10
49	0	0.007222940689631205	-1	85	-10

Datos de Instance5

Tiempo	Utilidad	Tráfico	CPU Solicitado	RAM Solicitado	STORAGE Solicitado
0	0	0.007378425447415026	-4	51	190
1	0	0.004573278494370624	-9	62	180
2	0	0.010491196034302201	-9	51	170
3	0	0.00756412317020474	-10	22	160
4	0	0.00832063494846067	-10	1	150
5	0	0.0012517955928275496	-10	0	140
6	0	0.010153768109873446	-10	-10	130
7	0	0.004034692225120138	-4	2	120

8	0	0.010676592397530764	-10	-10	110
9	0	0.028538362259450528	0	8	100
10	0	0.00287399510372313	-10	4	90
11	0	0.04677573871285748	-2	-10	80
12	0	0.004398451562292265	-10	-10	70
13	0	0.0021761180638379877	-4	-7	60
14	0	0.008890647458472832	2	-10	50
15	0.0002987727919981778	0.005676683047965378	9	8	40
16	0.0005109374090044273	0.012092185346438113	7	34	30
17	0	0.002915801152513747	-6	28	20
18	0	0.001590792552393207	-10	8	10
19	0	0.01704194319925958	-10	18	0
20	0	0.0006249014023874632	-10	44	-10
21	0	0.0011377085330950255	-10	49	-10
22	0	0.008760486960121253	-4	77	-10
23	0	0.01010733609287039	-5	63	-10
24	0	0.004866339336425173	1	58	-10
25	0	0.000915547350508239	-10	28	-10
26	0	0.0009826496221660233	-10	39	-10
27	0	0.004585284576972555	-4	15	-10
28	0	0.0033518818815017927	-1	35	-10
29	0	0.00032363258599431483	-5	27	-10
30	0	0.0007148901642887367	-10	-1	-10
31	0	0.019795693197888917	-10	9	-10
32	0	0.007091149187077837	-10	37	-10
33	0	0.0060080737391698434	-10	11	-10
34	0	0.012095549632660579	-10	6	-10
35	0	0.012307404842194739	-7	-10	-10
36	0	0.0011912901495594612	-5	9	-10
37	0	0.006775353568893714	-10	33	-10
38	0	0.011601164096642873	-10	52	-10
39	0	0.0072903178005075875	-1	78	-10
40	0	0.0132820844884705	5	64	-10
41	0	0.004069044685791091	-10	82	-10
42	0	0.005332491478859967	-10	102	-10

43	0	0.00015151602880598817	-10	112	-10
44	0	0.010439561002769226	-7	108	-10
45	0	0.020739137053317425	-3	120	-10
46	0	0.006209838237283097	-9	101	-10
47	0	0.014981777848086533	-10	130	-10
48	0	0.006731488183384271	-10	106	-10
49	0	0.007836914307144161	-4	135	-10

Datos de Instance3

Tiempo	Utilidad	Tráfico	CPU Solicitado	RAM Solicitado	STORAGE Solicitado
0	0.00023247672961900005	0.018908107342345336	19	85	140
1	2.6545871649346574e-05	0.0020440321169996863	24	77	130
2	1.5922597062560147e-05	0.0012366550385255048	11	102	120
3	0	0.013183043833774158	0	117	110
4	1.8283720034439896e-05	0.0014017518693070588	4	126	100
5	5.427072324148221e-05	0.004215026171755118	6	137	90
6	2.7597932657465354e-05	0.0019318552860225749	8	122	80
7	4.130404309067564e-05	0.0023680984705320702	3	99	70
8	1.5027585845040091e-05	0.0009517471035192058	2	128	60
9	0.0004704838549974879	0.03183607418816335	10	143	50
10	0.00019488641173186685	0.013447162409498812	12	155	40
11	0	0.015402389053373912	-6	125	30
12	0.00028648639932340206	0.011936933305141752	1	104	20
13	5.729459980256387e-06	0.0002692846190720502	6	125	10
14	0	0.004875264978411482	3	98	0
15	0	0.010523150245620463	-10	89	-10
16	0	0.013250820715791749	-10	106	-10
17	0	0.006375666600186701	-10	124	-10
18	0	0.00245601279875484	-5	148	-10
19	0	0.006895869761747854	-2	138	-10
20	0	0.011334966692468482	-3	157	-10
21	0	0.006784726362440347	-5	147	-10
22	0	0.011132700760922097	-10	137	-10

23	0	0.006514117686411513	-10	108	-10
24	0	0.0134353161328893	-10	116	-10
25	0	0.02407171582421887	-10	110	-10
26	0	0.007728993851460063	-10	130	-10
27	0	0.0012437956316611461	-4	103	-10
28	0	0.02661178637138373	0	97	-10
29	0	0.01592958968761045	-2	73	-10
30	0	0.01512870441167491	-4	75	-10
31	0	0.004249259966928881	-10	104	-10
32	0	0.016089401659457703	-5	126	-10
33	0	0.00885728778024583	5	106	-10
34	0	0.00047786100620651284	-3	101	-10
35	0	0.001596995888291318	-10	110	-10
36	0	0.016436559293548182	-7	109	-10
37	0	0.003150631186240943	-10	110	-10
38	0	0.001899710887377887	-10	113	-10
39	0	0.005023747687328431	-10	101	-10
40	0	0.016321254256513207	-10	108	-10
41	0	0.01749018396678611	-10	122	-10
42	0	0.013987750868158275	-10	114	-10
43	0	0.0013852936676832307	-10	142	-10
44	0	0.0016001569506623903	-10	158	-10
45	0	0.011206189300481981	-10	150	-10
46	0	0.012740856570861304	-10	125	-10
47	0	0.0017669209452353066	-10	102	-10
48	0	0.00536659927869764	-9	85	-10
49	0	0.0026952620343224636	-9	72	-10

Datos de Instance4

Tiempo	Utilidad	Tráfico	CPU Solicitado	RAM Solicitado	STORAGE Solicitado
0	4.9318609664074966e-05	0.008992426495416336	13	44	490
1	4.649808146696856e-05	0.008230160419653436	7	44	480
2	0	0.036283100057354904	-3	27	470

3	0	0.0088311725865236	-7	21	460
4	0	0.002988109096832372	-10	30	450
5	0	0.0066903096661712555	-10	55	440
6	0	0.0016030024271011217	-10	79	430
7	0	0.011067605955491153	-8	69	420
8	1.5654595215279204e-05	0.0024786442424192074	1	64	410
9	0	0.019050573411469734	-10	45	400
10	0	0.013170519883064693	-9	67	390
11	0	0.014233037837454903	-10	48	380
12	0	0.007115355298692139	-10	77	370
13	0	0.003522871413796672	-10	87	360
14	0	0.033422076134162114	-2	65	350
15	0	0.0042507298002726615	-3	95	340
16	0	0.007205011827569327	-8	105	330
17	0	0.004121415217364034	-8	130	320
18	0	0.0004777317661185702	-6	119	310
19	0	0.00034921617454551434	-10	134	300
20	0	0.01165767520719035	-9	104	290
21	0	0.0015642377437606733	-3	85	280
22	4.9807435213011204e-05	0.006010097182370019	5	87	270
23	0	0.01258032644617936	-4	102	260
24	2.517531001775914e-05	0.0027692841019535054	1	79	250
25	0	0.0073738245088271325	-2	59	240
26	0	0.0027696981282297846	-10	70	230
27	0	0.008566771252858667	-7	71	220
28	0	0.001380471835099491	-4	60	210
29	4.69356399568798e-06	0.00039582389696968625	5	48	200
30	0.00022396947818143932	0.017320306312697972	3	39	190
31	0.00011683309212301031	0.009112981185594804	5	49	180
32	0	0.0003181425827733575	-6	75	170
33	0	0.019110278755938473	-10	56	160
34	0	0.011054117170113816	-1	74	150
35	0	0.036141325282900504	-10	53	140
36	0	0.017309460864313717	-6	79	130
37	0	0.004326578375822679	-10	88	120

38	0	0.020911569338936252	-10	107	110
39	0	0.039102197657713736	-10	109	100
40	0	0.0063790993470072	-5	84	90
41	0	0.00020207239516736565	-6	71	80
42	0	0.03700808670379058	-10	54	70
43	0	0.00862863257146337	-10	51	60
44	0	0.006428331440459642	-10	21	50
45	0	0.003467788872937024	-10	18	40
46	0	0.0021178840500365686	-8	39	30
47	0	0.007060332333331448	-10	34	20
48	0	0.026501973840295644	-6	38	10
49	0	0.02633073992137006	-10	60	0