

Next Generation

Next Gen is designed to highlight cost optimization and performance optimization opportunities available by migrating to current generation EC2 instances, or, in some cases, to "t" series instances.

Success Measures

Auto Scaling Groups

Total ASGs

1

Previous Gen

1

Percentage Previous Gen

100.0%

EC2 Instances

Total Instances

125

Previous Gen

108

Percentage Previous Gen

86.4%

Potential Savings

Total Spend

\$27177.17

Savings If Current

\$7062.75

Savings If Current

25.99%

Recommendations

Next Gen found the following opportunities to improve the effectiveness of AWS spend.

Auto Scaling Groups

us-west-1

Operating System: Linux/UNIX, Tenancy: default

Auto Scaling Group	Min/Des/Max	Instance Type	ASG Price	Desired Type	Desired Price	Savings
awseb-e-p6hphddufm-stack-AWSEBAutoScalingGroup-VQB5JMB206RS	1/1/10	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%

Instances

us-east-1

Operating System: Linux/UNIX, Tenancy: default

Instance ID	Instance Type	Instance Price	Desired Type	Desired Price	Savings
i-019e897e1b3928941	c3.xlarge	\$153.3	c4.xlarge	\$145.27	5.24%
i-0e0a9b74b3a0273c5	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-03c7cbe48bb16b0a1	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-0fd9ec8242cdf9637	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%

Instance ID	Instance Type	Instance Price	Desired Type	Desired Price	Savings
i-018e57bf	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-009c49293fae9c198	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-019a5cbf8d8df9c44	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-dc6f0a46	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-0a51a22469602c649	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-098d6508ab356553d	c3.2xlarge	\$306.6	c4.2xlarge	\$290.54	5.24%
i-07ffab3b456774d03	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0861ce0948a94d973	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0669e0f6d37403714	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-0dcf352a7f3cf280c	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0c8803e94d79cf157	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-0c2631a846e622ce2	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0cd79a13db71010c0	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-0a020db6cafde58ae	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-06c3186c53ecd6b68	c3.2xlarge	\$306.6	c4.2xlarge	\$290.54	5.24%
i-061857c5c26ec29ed	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-a8d9ae08	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-0696afcf2d17ad3d7	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0d4d914bcafa10108	c3.2xlarge	\$306.6	c4.2xlarge	\$290.54	5.24%
i-0082aa3d56b0a8c10	c3.xlarge	\$153.3	c4.xlarge	\$145.27	5.24%
i-0c3ac95c7895034de	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-00d8d7e6d9be57d94	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-06f2a82a0b2ace831	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-07256011850a121e5	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0344c053bdc70489f	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0f4cb823e04ee5fb8	c3.2xlarge	\$306.6	c4.2xlarge	\$290.54	5.24%
i-0d24e71fbfb309661	c3.2xlarge	\$306.6	c4.2xlarge	\$290.54	5.24%

Instance ID	Instance Type	Instance Price	Desired Type	Desired Price	Savings
i-0238ce72c15fb09e4	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-b9805907	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-04390d9ec7afc87c9	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0c9143814552f334b	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-0f8dc39db882b5de2	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-0a7a3b495e2417061	c3.xlarge	\$153.3	c4.xlarge	\$145.27	5.24%
i-0f97f491f2321dac9	c3.xlarge	\$153.3	c4.xlarge	\$145.27	5.24%
i-2d246048	m1.large	\$127.75	m4.large	\$73.0	42.86%
i-0b4d4b6ba7165323a	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0f240dabf81ca29b5	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-ef9baf14	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-0ac584674f31b6a18	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-03f4daa9f591552c1	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0ba034dad4e419b15	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-57008828	m1.large	\$127.75	m4.large	\$73.0	42.86%
i-0023e82b4a31b366c	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0247c217ac7dcf6b9	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-01f4fe7ca3a7b5aa6	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0e0b42845e8c226f7	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-ba805904	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-b8805906	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-078d7a76eee7ab8fc	c3.xlarge	\$153.3	c4.xlarge	\$145.27	5.24%
i-09cd507afae87faa9	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-0618f20c963b478c8	c3.xlarge	\$153.3	c4.xlarge	\$145.27	5.24%
i-3d7450a4	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0127a4f795dc35c1e	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-025f15e50d4b9c6bb	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%

Instance ID	Instance Type	Instance Price	Desired Type	Desired Price	Savings
i-f9088086	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0546ee76ddd8389c2	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-05707e6e76f6392c3	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-05ccade0515ae9bdb	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-480c8e63	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-009a3607f5d53731e	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0752174e8c686c14e	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-026e16429db222b08	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-8380ce20	t1.micro	\$14.6	t2.micro	\$8.76	24.81%
i-0ae26899688d2275e	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-03e2756134d9f4c90	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-f09dec53	t1.micro	\$14.6	t2.micro	\$8.76	24.81%
i-09b04aaccd01f7414	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-e10e3a1a	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-085d38434716a5277	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0246c151462e95b85	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-05e692beb3a884989	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-034b1853616c9aa29	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-7c305ed4	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0ce360ef81c91ac73	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-07bf60ef729ff3a50	m3.large	\$97.09	m4.large	\$73.0	24.81%
i-04c9318f7a3acdd63	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-00158cf25e8c57606	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0cda1a236f16c056b	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-07fe157fd668cdf27	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-028d91479c55ba564	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%
i-0a885354c25e48df3	m3.xlarge	\$194.18	m4.xlarge	\$146.0	24.81%

Instance ID	Instance Type	Instance Price	Desired Type	Desired Price	Savings
i-07ff058ea2fe06ecc	m3.large	\$97.09	m4.large	\$73.0	24.81%

us-west-1

Operating System: Linux/UNIX, Tenancy: default

Instance ID	Instance Type	Instance Price	Desired Type	Desired Price	Savings
i-20fbbb64	m3.xlarge	\$224.84	m4.xlarge	\$170.82	24.03%
i-51169b16	m1.xlarge	\$276.67	m4.xlarge	\$170.82	38.26%

ap-southeast-1

Operating System: Linux/UNIX, Tenancy: default

Instance ID	Instance Type	Instance Price	Desired Type	Desired Price	Savings
i-81eb7c0f	c3.xlarge	\$193.45	c4.xlarge	\$168.63	12.83%
i-281a658c	m2.4xlarge	\$863.59	r4.2xlarge	\$467.2	45.9%
i-ca7f0e6e	m2.2xlarge	\$432.16	r4.xlarge	\$233.6	45.95%
i-ff950271	m2.2xlarge	\$432.16	r4.xlarge	\$233.6	45.95%
i-31443f95	m3.xlarge	\$286.16	m4.xlarge	\$182.5	36.22%
i-be168f30	r3.4xlarge	\$1165.08	r4.4xlarge	\$934.4	19.8%
i-9093041e	m2.2xlarge	\$432.16	r4.xlarge	\$233.6	45.95%
i-f594037b	m2.4xlarge	\$863.59	r4.2xlarge	\$467.2	45.95%
i-f3611057	m2.2xlarge	\$432.16	r4.xlarge	\$233.6	45.95%
i-8b61102f	m2.2xlarge	\$432.16	r4.xlarge	\$233.6	45.95%
i-b1fbc415	c3.4xlarge	\$772.34	c4.xlarge	\$674.52	12.67%
i-15178e9b	r3.4xlarge	\$1165.08	r4.4xlarge	\$934.4	19.8%
i-d975047d	c3.xlarge	\$193.45	c4.xlarge	\$168.63	12.83%
i-8e7e0f2a	c3.8xlarge	\$1545.41	c4.8xlarge	\$1349.04	12.71%
i-ec7e0f48	m2.2xlarge	\$432.16	r4.xlarge	\$233.6	45.95%
i-744d11fa	c3.4xlarge	\$772.34	c4.xlarge	\$674.52	12.67%
i-24611080	m2.2xlarge	\$432.16	r4.xlarge	\$233.6	45.95%

Instance ID	Instance Type	Instance Price	Desired Type	Desired Price	Savings
i-f2601156	m2.2xlarge	\$432.16	r4.xlarge	\$233.6	45.95%
i-7a9304f4	m2.2xlarge	\$432.16	r4.xlarge	\$233.6	45.95%

Report Information

- **Customer Name:** BlueChipTek
- **Account Id:** 066108117101
- **Report Generation Date:** 2017-07-29

Questions? Want Help?

If you would like BCT's Cloud Services team to assist with implementation of any of the mentioned recommendations please call Kyle Newton at (408) 731-7700 or email at knewton@bluechiptek.com.

