Open Container

|  |  |  |
| --- | --- | --- |
| Creation Start | Creation End | Difference |
| 13:15:22.362045734 | 13:15:22.735558614 | 0.37351288 |
| 13:31:28.68365829 | 13:31:29.04380875 | 0.36015046 |
| 13:32:46.893573423 | 13:32:47.260564165 | 0.366990742 |
| 13:34:48.328381057 | 13:34:48.688719815 | 0.360338758 |
| 13:36:15.932461424 | 13:36:16.286485865 | 0.354024441 |
| 13:37:32.291617784 | 13:37:32.690647675 | 0.399029891 |

|  |  |  |
| --- | --- | --- |
| Container Start | Container End | Difference |
| 13:15:22.361218195 | 13:15:22.361311786 | 0.000093591 |
| 13:31:28.680762718 | 13:31:28.681065915 | 0.000303197 |
| 13:32:46.89266209 | 13:32:46.89276506 | 0.00010297 |
| 13:34:48.324397456 | 13:34:48.324690453 | 0.000292997 |
| 13:36:15.928300682 | 13:36:15.928650715 | 0.000350033 |
| 13:37:32.288974367 | 13:37:32.289257232 | 0.000282865 |

Gvisor (KVM Platform)

|  |  |  |
| --- | --- | --- |
| Creation Start | Creation End | Difference |
| 13:54:55.047738429 | 13:54:55.400039387 | 0.352300958 |
| 13:58:01.331866884 | 13:58:01.723838854 | 0.39197197 |
| 14:00:20.203447708 | 14:00:20.58641619 | 0.382968482 |
| 14:03:05.287917654 | 14:03:05.661313025 | 0.373395371 |
| 14:08:11.833252146 | 14:08:12.229472305 | 0.396220159 |
| 14:10:19.511479196 | 14:10:19.8997629 | 0.388283704 |

|  |  |  |
| --- | --- | --- |
| Container Start | Container End | Difference |
| 13:54:55.400394235 | 13:54:55.407660149 | 0.007265914 |
| 13:58:01.723855875 | 13:58:01.731299922 | 0.007444047 |
| 14:00:20.586450961 | 14:00:20.598628694 | 0.012177738 |
| 14:03:05.661333865 | 14:03:05.669328974 | 0.007995109 |
| 14:08:12.229532093 | 14:08:12.251161759 | 0.021629666 |
| 14:10:19.90017537 | 14:10:19.90990399 | 0.00972862 |

Gvisor(Ptrace Platform)

|  |  |  |
| --- | --- | --- |
| Creation Start | Creation End | Difference |
| 14:13:44.715444828 | 14:13:45.063892919 | 0.348448091 |
| 14:24:20.804076564 | 14:24:21.206477216 | 0.402400652 |
| 14:26:33.589836493 | 14:26:33.928214371 | 0.338377878 |
| 14:29:09.440046995 | 14:29:09.787835549 | 0.347788554 |
| 14:31:00.019622089 | 14:31:00.348108149 | 0.32848606 |
| 14:33:08.824206467 | 14:33:09.227701568 | 0.403495101 |

|  |  |  |
| --- | --- | --- |
| Container Start | Container End | Difference |
| 14:13:45.064639039 | 14:13:45.08689358 | 0.022254541 |
| 14:24:21.206541934 | 14:24:21.229429967 | 0.022888033 |
| 14:26:33.928261103 | 14:26:33.950368626 | 0.022107523 |
| 14:29:09.787883485 | 14:29:09.8112693 | 0.023385815 |
| 14:31:00.348119219 | 14:31:00.352938541 | 0.004819322 |
| 14:33:09.227748902 | 14:33:09.249645816 | 0.021896914 |

Firecracker:

|  |  |  |
| --- | --- | --- |
| Creation Start | Creation End | Difference |
| 15:15:44.831808316 | 15:15:45.446115842 | 0.614307526 |
| 15:21:44.921456802 | 15:21:45.583426282 | 0.66196948 |
| 15:22:44.241179402 | 15:22:44:884762915 | 0.643583513 |
| 15:25:06.903762783 | 15:25:07.581035012 | 0.677272229 |
| 15:26:22.015509698 | 15:26:22.616078855 | 0.600569157 |
| 15:27:19.831011401 | 15:27:20.368305680 | 0.537294279 |

Kata Container

Sandbox

|  |  |  |
| --- | --- | --- |
| Creation Start | Creation End | Difference |
| 15:30:04.9315065 | 15:30:04.965365594 | 0.033859094 |
| 15:35:13.668630007 | 15:35:13.689319114 | 0.020689107 |
| 16:00:03.048008293 | 16:00:03.0690682 | 0.021059907 |
| 16:03:22.308854538 | 16:03:22.329167122 | 0.020312584 |
| 16:05:18.281256868 | 16:05:18.313021894 | 0.031765026 |
| 16:08:03.126778706 | 16:08:03.149357678 | 0.022578972 |

Virtual Machine

|  |  |  |
| --- | --- | --- |
| Creation Start | Creation End | Difference |
| 15:30:05.072110257 | 15:30:07.650402668 | 2.578292411 |
| 15:35:13.693245085 | 15:35:14.511786868 | 0.818541783 |
| 16:00:03.071762108 | 16:00:03.9778241 | 0.906061992 |
| 16:03:22.333219172 | 16:03:23.159487196 | 0.826268024 |
| 16:05:18.315458043 | 16:05:19.352101215 | 1.036643172 |
| 16:08:03.153424063 | 16:08:03.969586338 | 0.816162275 |

Container

|  |  |  |
| --- | --- | --- |
| Creation Start | Creation End |  |
| 15:30:07.653803767 | 15:30:07.798459224 | 0.144655457 |
| 15:35:14.515025459 | 15:35:14.619368029 | 0.10434257 |
| 16:00:03.981608355 | 16:00:04.081336424 | 0.099728069 |
| 16:03:23.159487196 | 16:03:23.263093925 | 0.103606729 |
| 16:05:19.357015926 | 16:05:19.478691682 | 0.121675756 |
| 16:08:03.973432473 | 16:08:04.081300037 | 0.107867564 |

Kata Container Combined Times:

|  |  |  |  |
| --- | --- | --- | --- |
| Sandbox | VM | Container | Total |
| 0.033859094 | 2.578292411 | 0.144655457 | 2.756806962 |
| 0.020689107 | 0.818541783 | 0.10434257 | 0.94357346 |
| 0.021059907 | 0.906061992 | 0.099728069 | 1.026849968 |
| 0.020312584 | 0.826268024 | 0.103606729 | 0.950187337 |
| 0.031765026 | 1.036643172 | 0.121675756 | 1.190083954 |
| 0.022578972 | 0.816162275 | 0.107867564 | 0.946608811 |

|  |  |  |
| --- | --- | --- |
| Container Start | Stop |  |
| 15:30:07.90371367 | 15:30:08.033588692 | 0.129875022 |
| 15:35:14.717133742 | 15:35:14.722798222 | 0.00566448 |
| 16:00:04.187749928 | 16:00:04.193356851 | 0.005606923 |
| 16:03:23.360920412 | 16:03:23.366807921 | 0.005887509 |
| 16:05:19.585317644 | 16:05:19.59064824 | 0.005330596 |
| 16:08:04.169416127 | 16:08:04.176089853 | 0.006673726 |