

LAMPIRAN

Lampiran 1 : Instalasi SUSE Linux Enterprise Server 11 SP 3

1. Atur urutan booting server Anda agar dapat melakukan booting dari CD atau DVD drive.
2. Masukkan DVD instalasi SLES SP1 ke dalam DVD drive, dan hidupkan server
3. Pada pilihan menu yang ada, pilihlah Installation kemudian tekan enter.
4. Selanjutnya proses loading installer akan segera menjalankan proses instalasi
5. Selanjutnya Anda akan diminta untuk menyetujui lisensi yang berlaku untuk menginstall SLES di server Anda seperti tampilan dibawah ini:
6. Selanjutnya Anda akan diminta untuk melakukan pengecekan terhadap media instalasi yang digunakan, hal ini perlu untuk mencegah gagal install karena DVD yang sudah cacat dan lain sebagainya. Namun jika Anda enggan, Anda dapat dengan mudah mengabaikan prosedur ini.
7. Langkah selanjutnya installer akan melakukan pemindaian dan mendata perangkat keras (hardware) yang digunakan oleh server, proses ini akan memakan waktu beberapa saat sebelum dilanjutkan ke proses selanjutnya.
8. Pada tahap ini installer akan meminta Anda untuk memilih pilihan instalasi yang ada, apakah install dari baru, ataupun mengupgrade dari sistem SLES versi lama. Karena disini kita install baru, maka pilih New Installation.
9. Di langkah ini Anda akan diminta untuk menentukan posisi lokasi tempat tinggal Anda, dan zona waktu yang Anda gunakan. Hal ini diperlukan untuk menentukan jam server Anda nantinya.
10. SLES sudah mendukung virtualisasi, untuk itu disini diberikan pilihan tersebut. Untuk keperluan install Zimbra pilihan jatuh pada pilihan yang pertama, Physical Machine (Also for Full Virtualized Guest)
11. Pada langkah ini adalah menampilkan rangkuman apa saja yang akan di install, jika Anda puas dengan rangkuman tersebut Anda dapat langsung melanjutkan ke tahap selanjutnya. Namun untuk keperluan Zimbra, Anda harus menghilangkan AppAmor. Caranya klik pada "Software"
12. Selanjutnya Anda akan dibawa ke halaman detail pilihan software, disini Anda cari Novell AppAmor dan hilangkan tanda centangnya kemudian klik OK.

13. Selanjutnya Anda akan diminta untuk menyetujui lisensi sekali lagi. Klik “Accept” untuk menyetujuinya.
14. Selanjutnya Anda diminta untuk mengkonfirmasi proses instalasi SLES. Klik tombol “Install” untuk memulai proses.
15. Selanjutnya installer akan segera memulai proses instalasi SLES ke server Anda. Proses ini memakan waktu beberapa saat, tergantung pada seberapa cepat server Anda. Yang dapat dilakukan pada saat proses ini adalah menunggu.
16. Jika semua berjalan lancar, langkah selanjutnya Anda akan diminta untuk membuat password root untuk sistem SLES. Karena untuk kebutuhan server, maka buatlah password yang kuat dan tidak mudah ditebak, seperti misalnya mengabungkan karakter angka, huruf, dan karakter khusus.
17. Setelah ini installer akan meminta Anda untuk menentukan nama host dan domain untuk server Anda.
18. Pada langkah ini Anda diminta untuk melakukan konfigurasi jaringan. Yang perlu Anda lakukan disini adalah mematikan firewall dengan cara klik pada tulisan “Disable” pada firewall.
19. Setelah Anda melewati proses pengetesan koneksi jaringan, pembuatan sertifikat keamanan, dan proses metode autentifikasi, Anda akan diminta untuk membuat nama user dan passwordnya yang digunakan untuk menjalankan sistem operasi SLES nantinya.
20. Setelah Anda membaca release note dari SLES, dan melakukan proses konfigurasi perangkat keras. Maka proses instalasi SLES di server Anda selesai.
21. Setelah semuanya berjalan sebagai mana mestinya, sekarang Anda sudah dapat login dan menggunakan SLES Anda, dan siap untuk dikonfigurasi tahap lanjut untuk keperluan menginstall Zimbra.

Lampiran 2 : Instalasi OpenSUSE 13.1

1. Booting komputer Anda melalui media DVD atau Flashdisk
2. Untuk melihat-lihat seperti apa sistem operasi ini sebelum melakukan installasi, Anda pilih openSUSE 13.1 GNOME Live. Jika Anda ingin langsung melakukan installasi, pilih Installation.
3. Memilih Bahasa dan membaca lisensi, disini saya memilih bahasa inggris sebagai bahasa default sistem.
4. Mengatur zona waktu, karena saya tinggal di Jakarta - Indonesia, saya memilih regional Asia dengan zona waktu Jakarta (WIB).
5. Tahap membuat partisi.

Secara default openSUSE akan menyarankan kepada Anda untuk membuat 3 partisi, yaitu partisi / root (untuk file sistem), partisi /home (partisi untuk menyimpan data), dan partisi swap. Anda juga dapat mengubah ukuran dan pengaturan lanjutan dengan memilih menu Edit Partitions Setup. Bagi Anda yang akan melakukan dualboot Anda harus hati-hati disini. Kesalahan dalam mem-partisi akan menyebabkan hilangnya data Anda pada hardisk. Pastikan Anda mengetahui setiap tahapan yang telah Anda lakukan.

6. Membuat User baru. Masukkan nama Anda dan buatlah kata sandi sistem ada.
7. Setelah Anda melakukan pengaturan diatas, maka akan muncul dialog berikut. Anda dapat mengubah pengaturan sebelumnya sebelum benar-benar melakukan installasi.
8. Konfirmasi instalasi dengan klik tombol 'Install'. Setelah Anda klik tombol Install, Anda tidak dapat membatalkannya sebelum proses installasi selesai.
9. Instalasi berlangsung dan memakan waktu beberapa saat. Tunggu hingga proses ini selesai.
10. Setelah proses installasi diatas selesai, komputer akan reboot. Lalu sistem akan melakukan Automatic Configuration.
11. Setelah selesai semua, reboot lagi komputer Anda.

Lampiran 3 : Contoh Sampel Logging CPU Usage Intel Core i3-3240 Metode Konvensional ‘Awal’

Jul 3 09:15:55	localhost	cpu/system/TotalLoad:	8.33333
Jul 3 09:15:56	localhost	cpu/system/TotalLoad:	8.82353
Jul 3 09:15:57	localhost	cpu/system/TotalLoad:	8.57143
Jul 3 09:15:58	localhost	cpu/system/TotalLoad:	18.1818
Jul 3 09:15:59	localhost	cpu/system/TotalLoad:	29.4118
Jul 3 09:16:00	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:01	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:02	localhost	cpu/system/TotalLoad:	8.57143
Jul 3 09:16:03	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:04	localhost	cpu/system/TotalLoad:	3.0303
Jul 3 09:16:05	localhost	cpu/system/TotalLoad:	8.57143
Jul 3 09:16:06	localhost	cpu/system/TotalLoad:	8.57143
Jul 3 09:16:07	localhost	cpu/system/TotalLoad:	8.57143
Jul 3 09:16:08	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:09	localhost	cpu/system/TotalLoad:	2.94118
Jul 3 09:16:10	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:11	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:12	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:13	localhost	cpu/system/TotalLoad:	5.71429
Jul 3 09:16:14	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:15	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:16	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:17	localhost	cpu/system/TotalLoad:	11.4286
Jul 3 09:16:18	localhost	cpu/system/TotalLoad:	3.0303
Jul 3 09:16:19	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:20	localhost	cpu/system/TotalLoad:	8.57143
Jul 3 09:16:21	localhost	cpu/system/TotalLoad:	5.71429
Jul 3 09:16:22	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:23	localhost	cpu/system/TotalLoad:	3.0303
Jul 3 09:16:24	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:25	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:26	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:27	localhost	cpu/system/TotalLoad:	3.0303
Jul 3 09:16:28	localhost	cpu/system/TotalLoad:	8.57143
Jul 3 09:16:29	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:30	localhost	cpu/system/TotalLoad:	33.3333
Jul 3 09:16:31	localhost	cpu/system/TotalLoad:	5.71429
Jul 3 09:16:32	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:33	localhost	cpu/system/TotalLoad:	2.94118
Jul 3 09:16:34	localhost	cpu/system/TotalLoad:	2.94118
Jul 3 09:16:35	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:36	localhost	cpu/system/TotalLoad:	8.57143
Jul 3 09:16:37	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:38	localhost	cpu/system/TotalLoad:	3.0303
Jul 3 09:16:39	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:40	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:41	localhost	cpu/system/TotalLoad:	2.94118
Jul 3 09:16:42	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:43	localhost	cpu/system/TotalLoad:	3.0303
Jul 3 09:16:44	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:45	localhost	cpu/system/TotalLoad:	3.0303
Jul 3 09:16:46	localhost	cpu/system/TotalLoad:	8.57143
Jul 3 09:16:47	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:48	localhost	cpu/system/TotalLoad:	2.94118
Jul 3 09:16:49	localhost	cpu/system/TotalLoad:	8.57143
Jul 3 09:16:50	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:51	localhost	cpu/system/TotalLoad:	3.0303
Jul 3 09:16:52	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:53	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:16:54	localhost	cpu/system/TotalLoad:	3.0303
Jul 3 09:16:55	localhost	cpu/system/TotalLoad:	2.94118
Jul 3 09:16:56	localhost	cpu/system/TotalLoad:	3.0303
Jul 3 09:16:57	localhost	cpu/system/TotalLoad:	5.71429
Jul 3 09:16:58	localhost	cpu/system/TotalLoad:	8.57143
Jul 3 09:16:59	localhost	cpu/system/TotalLoad:	12.1212
Jul 3 09:17:00	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:17:01	localhost	cpu/system/TotalLoad:	5.88235
Jul 3 09:17:02	localhost	cpu/system/TotalLoad:	32.3529
Jul 3 09:17:03	localhost	cpu/system/TotalLoad:	8.82353



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Jul 3 09:17:04 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:17:05 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:17:06 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:17:07 localhost cpu/system/TotalLoad: 2.94118
Jul 3 09:17:08 localhost cpu/system/TotalLoad: 8.82353
Jul 3 09:17:09 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:17:10 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:17:11 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:17:12 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:17:13 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:17:14 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:17:15 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:17:16 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:17:17 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:17:18 localhost cpu/system/TotalLoad: 2.94118
Jul 3 09:17:19 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:17:20 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:17:21 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:17:22 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:17:23 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:17:24 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:17:25 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:17:26 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:17:27 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:17:28 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:17:29 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:17:30 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:17:31 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:17:32 localhost cpu/system/TotalLoad: 3.0303
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Jul 3 09:17:34 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:17:35 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:17:36 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:17:37 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:17:38 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:17:39 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:17:40 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:17:41 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:17:42 localhost cpu/system/TotalLoad: 2.94118
Jul 3 09:17:43 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:17:44 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:17:45 localhost cpu/system/TotalLoad: 2.94118
Jul 3 09:17:46 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:17:47 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:17:48 localhost cpu/system/TotalLoad: 5.88235
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Jul 3 09:18:01 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:02 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:03 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:18:04 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:05 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:18:06 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:18:07 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:18:08 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:09 localhost cpu/system/TotalLoad: 2.94118
Jul 3 09:18:10 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:11 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:12 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:13 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:14 localhost cpu/system/TotalLoad: 2.94118
Jul 3 09:18:15 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:18:16 localhost cpu/system/TotalLoad: 8.33333
Jul 3 09:18:17 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:18:18 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:18:19 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:18:20 localhost cpu/system/TotalLoad: 3.0303
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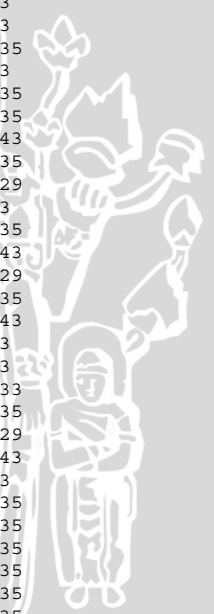



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Jul 3 09:18:21 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:18:22 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:23 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:24 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:25 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:18:26 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:18:27 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:18:28 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:29 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:18:30 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:18:31 localhost cpu/system/TotalLoad: 2.94118
Jul 3 09:18:32 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:33 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:18:34 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:18:35 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:18:36 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:18:37 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:18:38 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:18:39 localhost cpu/system/TotalLoad: 2.94118
Jul 3 09:18:40 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:41 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:42 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:43 localhost cpu/system/TotalLoad: 3.0303
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Jul 3 09:18:45 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:46 localhost cpu/system/TotalLoad: 5.88235
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Jul 3 09:18:56 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:18:57 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:18:58 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:18:59 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:19:00 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:19:01 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:19:02 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:19:03 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:19:04 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:19:05 localhost cpu/system/TotalLoad: 6.06061
Jul 3 09:19:06 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:19:07 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:19:08 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:19:09 localhost cpu/system/TotalLoad: 2.94118
Jul 3 09:19:10 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:19:11 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:19:12 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:19:13 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:19:14 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:19:15 localhost cpu/system/TotalLoad: 3.0303
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Jul 3 09:19:17 localhost cpu/system/TotalLoad: 2.94118
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Jul 3 09:19:20 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:19:21 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:19:22 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:19:23 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:19:24 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:19:25 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:19:26 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:19:27 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:19:28 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:19:29 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:19:30 localhost cpu/system/TotalLoad: 8.2353
Jul 3 09:19:31 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:19:32 localhost cpu/system/TotalLoad: 3.0303
Jul 3 09:19:33 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:19:34 localhost cpu/system/TotalLoad: 2.94118
Jul 3 09:19:35 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:19:36 localhost cpu/system/TotalLoad: 5.88235
Jul 3 09:19:37 localhost cpu/system/TotalLoad: 3.0303
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Jul 3	09:19:38	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:19:39	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:19:40	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:19:41	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:19:42	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:19:43	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:19:44	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:19:45	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:19:46	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:19:47	localhost	cpu/system/TotalLoad:	8.57143
Jul 3	09:19:48	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:19:49	localhost	cpu/system/TotalLoad:	5.71429
Jul 3	09:19:50	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:19:51	localhost	cpu/system/TotalLoad:	2.94118
Jul 3	09:19:52	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:19:53	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:19:54	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:19:55	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:19:56	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:19:57	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:19:58	localhost	cpu/system/TotalLoad:	8.57143
Jul 3	09:19:59	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:20:00	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:01	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:02	localhost	cpu/system/TotalLoad:	5.71429
Jul 3	09:20:03	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:04	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:20:05	localhost	cpu/system/TotalLoad:	11.4286
Jul 3	09:20:06	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:20:07	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:20:08	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:09	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:20:10	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:11	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:12	localhost	cpu/system/TotalLoad:	8.57143
Jul 3	09:20:13	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:14	localhost	cpu/system/TotalLoad:	5.71429
Jul 3	09:20:15	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:20:16	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:17	localhost	cpu/system/TotalLoad:	8.57143
Jul 3	09:20:18	localhost	cpu/system/TotalLoad:	5.71429
Jul 3	09:20:19	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:20	localhost	cpu/system/TotalLoad:	8.57143
Jul 3	09:20:21	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:20:22	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:20:23	localhost	cpu/system/TotalLoad:	8.33333
Jul 3	09:20:24	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:25	localhost	cpu/system/TotalLoad:	5.71429
Jul 3	09:20:26	localhost	cpu/system/TotalLoad:	8.57143
Jul 3	09:20:27	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:20:28	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:29	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:30	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:31	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:32	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:33	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:34	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:35	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:36	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:37	localhost	cpu/system/TotalLoad:	5.71429
Jul 3	09:20:38	localhost	cpu/system/TotalLoad:	8.82353
Jul 3	09:20:39	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:40	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:20:41	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:42	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:43	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:44	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:20:45	localhost	cpu/system/TotalLoad:	8.57143
Jul 3	09:20:46	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:20:47	localhost	cpu/system/TotalLoad:	8.57143
Jul 3	09:20:48	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:49	localhost	cpu/system/TotalLoad:	3.0303
Jul 3	09:20:50	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:51	localhost	cpu/system/TotalLoad:	2.94118
Jul 3	09:20:52	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:53	localhost	cpu/system/TotalLoad:	5.88235
Jul 3	09:20:54	localhost	cpu/system/TotalLoad:	5.88235

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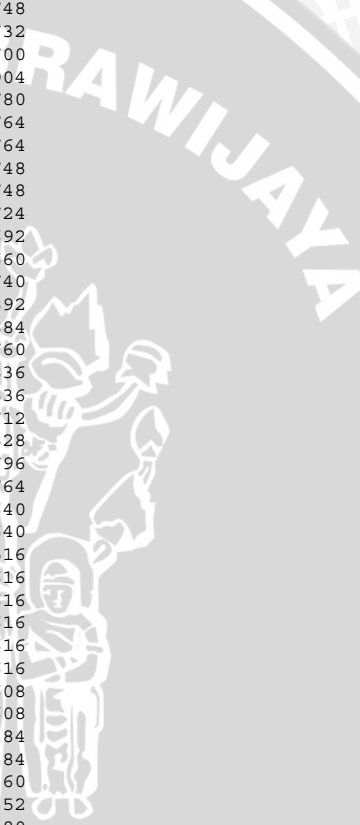

```
Jul 3 09:20:55 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:20:56 localhost cpu/system/TotalLoad: 5.71429
Jul 3 09:20:57 localhost cpu/system/TotalLoad: 8.57143
Jul 3 09:20:58 localhost cpu/system/TotalLoad: 5.88235
```

Lampiran 4 : Contoh Sampel Logging Memory Usage Intel Core i3-3240 Metode Konvensional 'Awal'

```
Jul 3 09:34:15 localhost mem/physical/application: 455072
Jul 3 09:34:16 localhost mem/physical/application: 455172
Jul 3 09:34:17 localhost mem/physical/application: 455356
Jul 3 09:34:18 localhost mem/physical/application: 455216
Jul 3 09:34:19 localhost mem/physical/application: 456648
Jul 3 09:34:20 localhost mem/physical/application: 456748
Jul 3 09:34:21 localhost mem/physical/application: 456812
Jul 3 09:34:22 localhost mem/physical/application: 456804
Jul 3 09:34:23 localhost mem/physical/application: 456804
Jul 3 09:34:24 localhost mem/physical/application: 456804
Jul 3 09:34:25 localhost mem/physical/application: 456664
Jul 3 09:34:26 localhost mem/physical/application: 456600
Jul 3 09:34:27 localhost mem/physical/application: 456560
Jul 3 09:34:28 localhost mem/physical/application: 456560
Jul 3 09:34:29 localhost mem/physical/application: 456528
Jul 3 09:34:30 localhost mem/physical/application: 456528
Jul 3 09:34:31 localhost mem/physical/application: 456528
Jul 3 09:34:32 localhost mem/physical/application: 456472
Jul 3 09:34:33 localhost mem/physical/application: 456460
Jul 3 09:34:34 localhost mem/physical/application: 456536
Jul 3 09:34:35 localhost mem/physical/application: 456488
Jul 3 09:34:36 localhost mem/physical/application: 456456
Jul 3 09:34:37 localhost mem/physical/application: 456504
Jul 3 09:34:38 localhost mem/physical/application: 456464
Jul 3 09:34:39 localhost mem/physical/application: 464288
Jul 3 09:34:40 localhost mem/physical/application: 465352
Jul 3 09:34:41 localhost mem/physical/application: 469136
Jul 3 09:34:42 localhost mem/physical/application: 471416
Jul 3 09:34:43 localhost mem/physical/application: 472904
Jul 3 09:34:44 localhost mem/physical/application: 460688
Jul 3 09:34:45 localhost mem/physical/application: 460736
Jul 3 09:34:46 localhost mem/physical/application: 460744
Jul 3 09:34:47 localhost mem/physical/application: 460728
Jul 3 09:34:48 localhost mem/physical/application: 460684
Jul 3 09:34:49 localhost mem/physical/application: 460668
Jul 3 09:34:50 localhost mem/physical/application: 460488
Jul 3 09:34:51 localhost mem/physical/application: 460488
Jul 3 09:34:52 localhost mem/physical/application: 460472
Jul 3 09:34:53 localhost mem/physical/application: 460308
Jul 3 09:34:54 localhost mem/physical/application: 460264
Jul 3 09:34:55 localhost mem/physical/application: 460264
Jul 3 09:34:56 localhost mem/physical/application: 460564
Jul 3 09:34:57 localhost mem/physical/application: 460392
Jul 3 09:34:58 localhost mem/physical/application: 460360
Jul 3 09:34:59 localhost mem/physical/application: 460352
Jul 3 09:35:00 localhost mem/physical/application: 460312
Jul 3 09:35:01 localhost mem/physical/application: 460048
Jul 3 09:35:02 localhost mem/physical/application: 460048
Jul 3 09:35:03 localhost mem/physical/application: 460096
Jul 3 09:35:04 localhost mem/physical/application: 460180
Jul 3 09:35:05 localhost mem/physical/application: 459408
Jul 3 09:35:06 localhost mem/physical/application: 459196
Jul 3 09:35:07 localhost mem/physical/application: 459288
Jul 3 09:35:08 localhost mem/physical/application: 459288
Jul 3 09:35:09 localhost mem/physical/application: 459164
Jul 3 09:35:10 localhost mem/physical/application: 459156
Jul 3 09:35:11 localhost mem/physical/application: 459220
Jul 3 09:35:12 localhost mem/physical/application: 459840
Jul 3 09:35:13 localhost mem/physical/application: 459920
Jul 3 09:35:14 localhost mem/physical/application: 459796
Jul 3 09:35:15 localhost mem/physical/application: 459740
Jul 3 09:35:16 localhost mem/physical/application: 459644
Jul 3 09:35:17 localhost mem/physical/application: 459568
Jul 3 09:35:18 localhost mem/physical/application: 459552
Jul 3 09:35:19 localhost mem/physical/application: 459536
Jul 3 09:35:20 localhost mem/physical/application: 459496
Jul 3 09:35:21 localhost mem/physical/application: 459452
Jul 3 09:35:22 localhost mem/physical/application: 459564
Jul 3 09:35:23 localhost mem/physical/application: 459516
```



Jul 3 09:35:24 localhost mem/physical/application: 459408
Jul 3 09:35:25 localhost mem/physical/application: 459476
Jul 3 09:35:26 localhost mem/physical/application: 459468
Jul 3 09:35:27 localhost mem/physical/application: 459344
Jul 3 09:35:28 localhost mem/physical/application: 459296
Jul 3 09:35:29 localhost mem/physical/application: 459292
Jul 3 09:35:30 localhost mem/physical/application: 459228
Jul 3 09:35:31 localhost mem/physical/application: 459216
Jul 3 09:35:32 localhost mem/physical/application: 459200
Jul 3 09:35:33 localhost mem/physical/application: 459076
Jul 3 09:35:34 localhost mem/physical/application: 459072
Jul 3 09:35:35 localhost mem/physical/application: 459072
Jul 3 09:35:36 localhost mem/physical/application: 459048
Jul 3 09:35:37 localhost mem/physical/application: 459048
Jul 3 09:35:38 localhost mem/physical/application: 459048
Jul 3 09:35:39 localhost mem/physical/application: 459144
Jul 3 09:35:40 localhost mem/physical/application: 459144
Jul 3 09:35:41 localhost mem/physical/application: 457772
Jul 3 09:35:42 localhost mem/physical/application: 457748
Jul 3 09:35:43 localhost mem/physical/application: 457748
Jul 3 09:35:44 localhost mem/physical/application: 457732
Jul 3 09:35:45 localhost mem/physical/application: 457700
Jul 3 09:35:46 localhost mem/physical/application: 457904
Jul 3 09:35:47 localhost mem/physical/application: 457780
Jul 3 09:35:48 localhost mem/physical/application: 457764
Jul 3 09:35:49 localhost mem/physical/application: 457764
Jul 3 09:35:50 localhost mem/physical/application: 457748
Jul 3 09:35:51 localhost mem/physical/application: 457748
Jul 3 09:35:52 localhost mem/physical/application: 457724
Jul 3 09:35:53 localhost mem/physical/application: 457692
Jul 3 09:35:54 localhost mem/physical/application: 457660
Jul 3 09:35:55 localhost mem/physical/application: 457740
Jul 3 09:35:56 localhost mem/physical/application: 457892
Jul 3 09:35:57 localhost mem/physical/application: 457884
Jul 3 09:35:58 localhost mem/physical/application: 457760
Jul 3 09:35:59 localhost mem/physical/application: 457836
Jul 3 09:36:00 localhost mem/physical/application: 457836
Jul 3 09:36:01 localhost mem/physical/application: 457712
Jul 3 09:36:02 localhost mem/physical/application: 457828
Jul 3 09:36:03 localhost mem/physical/application: 457796
Jul 3 09:36:04 localhost mem/physical/application: 457764
Jul 3 09:36:05 localhost mem/physical/application: 457640
Jul 3 09:36:06 localhost mem/physical/application: 457640
Jul 3 09:36:07 localhost mem/physical/application: 457516
Jul 3 09:36:08 localhost mem/physical/application: 457616
Jul 3 09:36:09 localhost mem/physical/application: 457616
Jul 3 09:36:10 localhost mem/physical/application: 457616
Jul 3 09:36:11 localhost mem/physical/application: 457616
Jul 3 09:36:12 localhost mem/physical/application: 457616
Jul 3 09:36:13 localhost mem/physical/application: 457608
Jul 3 09:36:14 localhost mem/physical/application: 457608
Jul 3 09:36:15 localhost mem/physical/application: 457484
Jul 3 09:36:16 localhost mem/physical/application: 457484
Jul 3 09:36:17 localhost mem/physical/application: 457360
Jul 3 09:36:18 localhost mem/physical/application: 457352
Jul 3 09:36:19 localhost mem/physical/application: 457480
Jul 3 09:36:20 localhost mem/physical/application: 457464
Jul 3 09:36:21 localhost mem/physical/application: 457464
Jul 3 09:36:22 localhost mem/physical/application: 457448
Jul 3 09:36:23 localhost mem/physical/application: 457392
Jul 3 09:36:24 localhost mem/physical/application: 457392
Jul 3 09:36:25 localhost mem/physical/application: 457392
Jul 3 09:36:26 localhost mem/physical/application: 453820
Jul 3 09:36:27 localhost mem/physical/application: 453872
Jul 3 09:36:28 localhost mem/physical/application: 453724
Jul 3 09:36:29 localhost mem/physical/application: 453668
Jul 3 09:36:30 localhost mem/physical/application: 453684
Jul 3 09:36:31 localhost mem/physical/application: 453936
Jul 3 09:36:32 localhost mem/physical/application: 453936
Jul 3 09:36:33 localhost mem/physical/application: 453928
Jul 3 09:36:34 localhost mem/physical/application: 453780
Jul 3 09:36:35 localhost mem/physical/application: 453780
Jul 3 09:36:36 localhost mem/physical/application: 453748
Jul 3 09:36:37 localhost mem/physical/application: 453712
Jul 3 09:36:38 localhost mem/physical/application: 453728
Jul 3 09:36:39 localhost mem/physical/application: 453872
Jul 3 09:36:40 localhost mem/physical/application: 453872



Jul 3 09:36:41 localhost mem/physical/application: 453748
Jul 3 09:36:42 localhost mem/physical/application: 453732
Jul 3 09:36:43 localhost mem/physical/application: 453700
Jul 3 09:36:44 localhost mem/physical/application: 453700
Jul 3 09:36:45 localhost mem/physical/application: 453676
Jul 3 09:36:46 localhost mem/physical/application: 453652
Jul 3 09:36:47 localhost mem/physical/application: 453724
Jul 3 09:36:48 localhost mem/physical/application: 453724
Jul 3 09:36:49 localhost mem/physical/application: 453600
Jul 3 09:36:50 localhost mem/physical/application: 453468
Jul 3 09:36:51 localhost mem/physical/application: 453468
Jul 3 09:36:52 localhost mem/physical/application: 453452
Jul 3 09:36:53 localhost mem/physical/application: 453452
Jul 3 09:36:54 localhost mem/physical/application: 453572
Jul 3 09:36:55 localhost mem/physical/application: 453668
Jul 3 09:36:56 localhost mem/physical/application: 453692
Jul 3 09:36:57 localhost mem/physical/application: 453552
Jul 3 09:36:58 localhost mem/physical/application: 453552
Jul 3 09:36:59 localhost mem/physical/application: 453552
Jul 3 09:37:00 localhost mem/physical/application: 453480
Jul 3 09:37:01 localhost mem/physical/application: 453576
Jul 3 09:37:02 localhost mem/physical/application: 453496
Jul 3 09:37:03 localhost mem/physical/application: 453496
Jul 3 09:37:04 localhost mem/physical/application: 453464
Jul 3 09:37:05 localhost mem/physical/application: 453504
Jul 3 09:37:06 localhost mem/physical/application: 453616
Jul 3 09:37:07 localhost mem/physical/application: 453616
Jul 3 09:37:08 localhost mem/physical/application: 453520
Jul 3 09:37:09 localhost mem/physical/application: 453520
Jul 3 09:37:10 localhost mem/physical/application: 453448
Jul 3 09:37:11 localhost mem/physical/application: 450348
Jul 3 09:37:12 localhost mem/physical/application: 450332
Jul 3 09:37:13 localhost mem/physical/application: 450332
Jul 3 09:37:14 localhost mem/physical/application: 450308
Jul 3 09:37:15 localhost mem/physical/application: 450308
Jul 3 09:37:16 localhost mem/physical/application: 450300
Jul 3 09:37:17 localhost mem/physical/application: 450176
Jul 3 09:37:18 localhost mem/physical/application: 450300
Jul 3 09:37:19 localhost mem/physical/application: 450304
Jul 3 09:37:20 localhost mem/physical/application: 450304
Jul 3 09:37:21 localhost mem/physical/application: 448132
Jul 3 09:37:22 localhost mem/physical/application: 448108
Jul 3 09:37:23 localhost mem/physical/application: 448172
Jul 3 09:37:24 localhost mem/physical/application: 448172
Jul 3 09:37:25 localhost mem/physical/application: 448172
Jul 3 09:37:26 localhost mem/physical/application: 448352
Jul 3 09:37:27 localhost mem/physical/application: 448196
Jul 3 09:37:28 localhost mem/physical/application: 448196
Jul 3 09:37:29 localhost mem/physical/application: 447932
Jul 3 09:37:30 localhost mem/physical/application: 447892
Jul 3 09:37:31 localhost mem/physical/application: 447892
Jul 3 09:37:32 localhost mem/physical/application: 447996
Jul 3 09:37:33 localhost mem/physical/application: 447964
Jul 3 09:37:34 localhost mem/physical/application: 447468
Jul 3 09:37:35 localhost mem/physical/application: 447328
Jul 3 09:37:36 localhost mem/physical/application: 447216
Jul 3 09:37:37 localhost mem/physical/application: 447308
Jul 3 09:37:38 localhost mem/physical/application: 447412
Jul 3 09:37:39 localhost mem/physical/application: 447368
Jul 3 09:37:40 localhost mem/physical/application: 447928
Jul 3 09:37:41 localhost mem/physical/application: 447920
Jul 3 09:37:42 localhost mem/physical/application: 448036
Jul 3 09:37:43 localhost mem/physical/application: 447928
Jul 3 09:37:44 localhost mem/physical/application: 447912
Jul 3 09:37:45 localhost mem/physical/application: 447912
Jul 3 09:37:46 localhost mem/physical/application: 447892
Jul 3 09:37:47 localhost mem/physical/application: 447864
Jul 3 09:37:48 localhost mem/physical/application: 447848
Jul 3 09:37:49 localhost mem/physical/application: 447848
Jul 3 09:37:50 localhost mem/physical/application: 447784
Jul 3 09:37:51 localhost mem/physical/application: 447768
Jul 3 09:37:52 localhost mem/physical/application: 447724
Jul 3 09:37:53 localhost mem/physical/application: 447724
Jul 3 09:37:54 localhost mem/physical/application: 448008
Jul 3 09:37:55 localhost mem/physical/application: 448072
Jul 3 09:37:56 localhost mem/physical/application: 448056
Jul 3 09:37:57 localhost mem/physical/application: 448172

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Jul 3 09:37:58 localhost mem/physical/application: 448016
Jul 3 09:37:59 localhost mem/physical/application: 447828
Jul 3 09:38:00 localhost mem/physical/application: 447796
Jul 3 09:38:01 localhost mem/physical/application: 447796
Jul 3 09:38:02 localhost mem/physical/application: 447780
Jul 3 09:38:03 localhost mem/physical/application: 447864
Jul 3 09:38:04 localhost mem/physical/application: 447860
Jul 3 09:38:05 localhost mem/physical/application: 447728
Jul 3 09:38:06 localhost mem/physical/application: 447344
Jul 3 09:38:07 localhost mem/physical/application: 447408
Jul 3 09:38:08 localhost mem/physical/application: 447400
Jul 3 09:38:09 localhost mem/physical/application: 447972
Jul 3 09:38:10 localhost mem/physical/application: 447972
Jul 3 09:38:11 localhost mem/physical/application: 448028
Jul 3 09:38:12 localhost mem/physical/application: 448104
Jul 3 09:38:13 localhost mem/physical/application: 447948
Jul 3 09:38:14 localhost mem/physical/application: 447952
Jul 3 09:38:15 localhost mem/physical/application: 447968
Jul 3 09:38:16 localhost mem/physical/application: 448000
Jul 3 09:38:17 localhost mem/physical/application: 447256
Jul 3 09:38:18 localhost mem/physical/application: 448032
Jul 3 09:38:19 localhost mem/physical/application: 447916
Jul 3 09:38:20 localhost mem/physical/application: 448040
Jul 3 09:38:21 localhost mem/physical/application: 448008
Jul 3 09:38:22 localhost mem/physical/application: 447976
Jul 3 09:38:23 localhost mem/physical/application: 447944
Jul 3 09:38:24 localhost mem/physical/application: 447904
Jul 3 09:38:25 localhost mem/physical/application: 447952
Jul 3 09:38:26 localhost mem/physical/application: 447936
Jul 3 09:38:27 localhost mem/physical/application: 447936
Jul 3 09:38:28 localhost mem/physical/application: 447920
Jul 3 09:38:29 localhost mem/physical/application: 447976
Jul 3 09:38:30 localhost mem/physical/application: 447976
Jul 3 09:38:31 localhost mem/physical/application: 447976
Jul 3 09:38:32 localhost mem/physical/application: 448040
Jul 3 09:38:33 localhost mem/physical/application: 448024
Jul 3 09:38:34 localhost mem/physical/application: 447952
Jul 3 09:38:35 localhost mem/physical/application: 447952
Jul 3 09:38:36 localhost mem/physical/application: 447920
Jul 3 09:38:37 localhost mem/physical/application: 447888
Jul 3 09:38:38 localhost mem/physical/application: 447732
Jul 3 09:38:39 localhost mem/physical/application: 447856
Jul 3 09:38:40 localhost mem/physical/application: 447852
Jul 3 09:38:41 localhost mem/physical/application: 447804
Jul 3 09:38:42 localhost mem/physical/application: 447820
Jul 3 09:38:43 localhost mem/physical/application: 447836
Jul 3 09:38:44 localhost mem/physical/application: 447756
Jul 3 09:38:45 localhost mem/physical/application: 473508
Jul 3 09:38:46 localhost mem/physical/application: 474816
Jul 3 09:38:47 localhost mem/physical/application: 474816
Jul 3 09:38:48 localhost mem/physical/application: 474652
Jul 3 09:38:49 localhost mem/physical/application: 474652
Jul 3 09:38:50 localhost mem/physical/application: 474636
Jul 3 09:38:51 localhost mem/physical/application: 473512
Jul 3 09:38:52 localhost mem/physical/application: 473424
Jul 3 09:38:53 localhost mem/physical/application: 473284
Jul 3 09:38:54 localhost mem/physical/application: 473252
Jul 3 09:38:55 localhost mem/physical/application: 473252
Jul 3 09:38:56 localhost mem/physical/application: 473228
Jul 3 09:38:57 localhost mem/physical/application: 473104
Jul 3 09:38:58 localhost mem/physical/application: 473212
Jul 3 09:38:59 localhost mem/physical/application: 473228
Jul 3 09:39:00 localhost mem/physical/application: 473180
Jul 3 09:39:01 localhost mem/physical/application: 473188
Jul 3 09:39:02 localhost mem/physical/application: 473376
Jul 3 09:39:03 localhost mem/physical/application: 473360
Jul 3 09:39:04 localhost mem/physical/application: 473360
Jul 3 09:39:05 localhost mem/physical/application: 473344
Jul 3 09:39:06 localhost mem/physical/application: 473424
Jul 3 09:39:07 localhost mem/physical/application: 473300
Jul 3 09:39:08 localhost mem/physical/application: 473316
Jul 3 09:39:09 localhost mem/physical/application: 473300
Jul 3 09:39:10 localhost mem/physical/application: 473300
Jul 3 09:39:11 localhost mem/physical/application: 473272
Jul 3 09:39:12 localhost mem/physical/application: 473208
Jul 3 09:39:13 localhost mem/physical/application: 473204
Jul 3 09:39:14 localhost mem/physical/application: 473220

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Jul 3 09:39:15 localhost mem/physical/application: 473332
Jul 3 09:39:16 localhost mem/physical/application: 473332
Jul 3 09:39:17 localhost mem/physical/application: 473308
Jul 3 09:39:18 localhost mem/physical/application: 446552

Lampiran 5 : Contoh Sampel Linpack Benchmark Intel Core i3-3240 Metode Konvensional 'Beban 1'

linux-gs8g:~ # /home/ahda/Desktop/xlinpack_xeon32
Input data or print help ? Type [data]/help :

Number of equations to solve (problem size): 8993
Leading dimension of array: 8993
Number of trials to run: 5
Data alignment value (in Kbytes): 4
Current date/time: Fri Jul 11 22:48:57 2014

CPU frequency: 3.552 GHz
Number of CPUs: 1
Number of cores: 2
Number of threads: 4

Parameters are set to:

Number of tests: 1
Number of equations to solve (problem size) : 8993
Leading dimension of array : 8993
Number of trials to run : 5
Data alignment value (in Kbytes) : 4

Maximum memory requested that can be used=647176348, at the size=8993

===== Timing linear equation system solver =====

Size	LDA	Align.	Time(s)	GFlops	Residual	Residual(norm)	Check
8993	8993	4	11.356	42.7109	7.962787e-11	3.470028e-02	pass
8993	8993	4	11.351	42.7312	7.962787e-11	3.470028e-02	pass
8993	8993	4	11.399	42.5487	7.962787e-11	3.470028e-02	pass
8993	8993	4	11.356	42.7129	7.962787e-11	3.470028e-02	pass
8993	8993	4	12.528	38.7166	7.962787e-11	3.470028e-02	pass

Performance Summary (GFlops)

Size	LDA	Align.	Average	Maximal
8993	8993	4	41.8840	42.7312

Residual checks PASSED

End of tests



Lampiran 5 : Contoh Sampel Daya Listrik Intel Core i3-3240 Metode Konvensional ‘Beban 1’

Position	Date	Time	VI	Unit	A1	Unit	PI	Unit
0	1/1/2000	1:26:44	220.6	ACV	0.456	ACA	0.067	KW
0	1/1/2000	1:26:46	220.8	ACV	0.464	ACA	0.068	KW
0	1/1/2000	1:26:48	220.8	ACV	0.496	ACA	0.069	KW
0	1/1/2000	1:26:50	220.9	ACV	0.595	ACA	0.083	KW
0	1/1/2000	1:26:52	221.2	ACV	0.597	ACA	0.084	KW
0	1/1/2000	1:26:54	221	ACV	0.531	ACA	0.081	KW
0	1/1/2000	1:26:56	221	ACV	0.584	ACA	0.083	KW
0	1/1/2000	1:26:58	221.1	ACV	0.532	ACA	0.081	KW
0	1/1/2000	1:27:00	221.3	ACV	0.524	ACA	0.079	KW
0	1/1/2000	1:27:02	221.5	ACV	0.454	ACA	0.067	KW
0	1/1/2000	1:27:04	221.6	ACV	0.45	ACA	0.067	KW
0	1/1/2000	1:27:06	221.5	ACV	0.529	ACA	0.075	KW
0	1/1/2000	1:27:08	221.7	ACV	0.609	ACA	0.084	KW
0	1/1/2000	1:27:10	221.9	ACV	0.537	ACA	0.081	KW
0	1/1/2000	1:27:12	221.7	ACV	0.544	ACA	0.082	KW
0	1/1/2000	1:27:14	221.5	ACV	0.54	ACA	0.082	KW
0	1/1/2000	1:27:16	221.3	ACV	0.528	ACA	0.08	KW
0	1/1/2000	1:27:18	221.8	ACV	0.46	ACA	0.068	KW
0	1/1/2000	1:27:20	222	ACV	0.465	ACA	0.068	KW
0	1/1/2000	1:27:22	221.9	ACV	0.556	ACA	0.076	KW
0	1/1/2000	1:27:24	221.9	ACV	0.577	ACA	0.083	KW
0	1/1/2000	1:27:26	222.6	ACV	0.539	ACA	0.082	KW
0	1/1/2000	1:27:28	222.7	ACV	0.539	ACA	0.081	KW
0	1/1/2000	1:27:30	222.1	ACV	0.538	ACA	0.082	KW
0	1/1/2000	1:27:32	221.8	ACV	0.542	ACA	0.082	KW
0	1/1/2000	1:27:34	222.2	ACV	0.477	ACA	0.07	KW
0	1/1/2000	1:27:36	221.9	ACV	0.527	ACA	0.07	KW
0	1/1/2000	1:27:38	221.9	ACV	0.505	ACA	0.07	KW
0	1/1/2000	1:27:40	221.8	ACV	0.53	ACA	0.074	KW
0	1/1/2000	1:27:42	221.9	ACV	0.595	ACA	0.084	KW
0	1/1/2000	1:27:44	221.8	ACV	0.542	ACA	0.082	KW
0	1/1/2000	1:27:46	222.3	ACV	0.543	ACA	0.082	KW
0	1/1/2000	1:27:48	222.6	ACV	0.542	ACA	0.082	KW
0	1/1/2000	1:27:50	222.7	ACV	0.541	ACA	0.082	KW
0	1/1/2000	1:27:52	222.7	ACV	0.472	ACA	0.07	KW
0	1/1/2000	1:27:54	222.6	ACV	0.496	ACA	0.069	KW
0	1/1/2000	1:27:56	222.4	ACV	0.56	ACA	0.075	KW
0	1/1/2000	1:27:58	222.4	ACV	0.624	ACA	0.084	KW
0	1/1/2000	1:28:00	222.1	ACV	0.632	ACA	0.084	KW
0	1/1/2000	1:28:02	221.8	ACV	0.629	ACA	0.084	KW
0	1/1/2000	1:28:04	221.4	ACV	0.627	ACA	0.085	KW
0	1/1/2000	1:28:06	221.7	ACV	0.625	ACA	0.084	KW
0	1/1/2000	1:28:08	221.6	ACV	0.545	ACA	0.073	KW
0	1/1/2000	1:28:10	221.7	ACV	0.521	ACA	0.071	KW
0	1/1/2000	1:28:12	221.9	ACV	0.505	ACA	0.07	KW
0	1/1/2000	1:28:14	222	ACV	0.495	ACA	0.072	KW
0	1/1/2000	1:28:16	221.6	ACV	0.552	ACA	0.082	KW
0	1/1/2000	1:28:18	221.6	ACV	0.541	ACA	0.082	KW
0	1/1/2000	1:28:20	221.7	ACV	0.545	ACA	0.082	KW
0	1/1/2000	1:28:22	221.7	ACV	0.544	ACA	0.083	KW
0	1/1/2000	1:28:24	221.8	ACV	0.54	ACA	0.082	KW
0	1/1/2000	1:28:26	221.7	ACV	0.464	ACA	0.068	KW
0	1/1/2000	1:28:28	221.6	ACV	0.499	ACA	0.069	KW
0	1/1/2000	1:28:30	221.3	ACV	0.503	ACA	0.072	KW
0	1/1/2000	1:28:32	221.6	ACV	0.542	ACA	0.082	KW
0	1/1/2000	1:28:34	221.6	ACV	0.541	ACA	0.082	KW
0	1/1/2000	1:28:36	221.1	ACV	0.538	ACA	0.082	KW
0	1/1/2000	1:28:38	221.2	ACV	0.531	ACA	0.081	KW
0	1/1/2000	1:28:40	221.4	ACV	0.535	ACA	0.082	KW
0	1/1/2000	1:28:42	221.3	ACV	0.531	ACA	0.081	KW
0	1/1/2000	1:28:44	220.7	ACV	0.457	ACA	0.068	KW
0	1/1/2000	1:28:46	220.6	ACV	0.454	ACA	0.067	KW
0	1/1/2000	1:28:48	220.7	ACV	0.458	ACA	0.069	KW
0	1/1/2000	1:28:50	221	ACV	0.579	ACA	0.084	KW

Position	Date	Time	V1	Unit	A1	Unit	P1	Unit
0	1/1/2000	1:28:52	220.9	ACV	0.537	ACA	0.082	KW
0	1/1/2000	1:28:54	220.7	ACV	0.535	ACA	0.081	KW
0	1/1/2000	1:28:56	221	ACV	0.539	ACA	0.082	KW
0	1/1/2000	1:28:58	221.1	ACV	0.54	ACA	0.082	KW
0	1/1/2000	1:29:00	221	ACV	0.461	ACA	0.068	KW
0	1/1/2000	1:29:02	221	ACV	0.453	ACA	0.068	KW
0	1/1/2000	1:29:04	220.8	ACV	0.507	ACA	0.071	KW
0	1/1/2000	1:29:06	221.5	ACV	0.597	ACA	0.084	KW
0	1/1/2000	1:29:08	221.4	ACV	0.596	ACA	0.084	KW
0	1/1/2000	1:29:10	221.2	ACV	0.594	ACA	0.084	KW
0	1/1/2000	1:29:12	221.5	ACV	0.538	ACA	0.082	KW
0	1/1/2000	1:29:14	221.7	ACV	0.535	ACA	0.082	KW
0	1/1/2000	1:29:16	221.6	ACV	0.491	ACA	0.073	KW
0	1/1/2000	1:29:18	222.5	ACV	0.451	ACA	0.068	KW

