

SMK TELKOM MALANG

LAPORAN HASIL PERFORMANCE & LOAD TEST APLIKASI DAN SERVER WEBSITE DEV-PGINSIGHT

Tanggal	Terbitan	Revisi	Klasifikasi
22 Januari 2024	1	0	RAHASIA



Tanggal: 22 Januari 2024

Klasifikasi: RAHASIA

Terbitan: 1

Revisi: 0

Halaman: 2 dari 18

DAFTAR ISI

DAFTAR ISI	2
I. TUJUAN	3
II. RUANG LINGKUP	3
III. TAHAP PERSIAPAN	3
IV. TAHAP PENGUJIAN	5
IV. HASIL PENGUJIAN	7
V. KESIMPULAN DAN REKOMENDASI	19



Tanggal: 22 Januari 2024

Klasifikasi: RAHASIA

Terbitan: 1

Revisi: 0

Halaman: 3 dari 18

I. TUJUAN

- 1. Sebagai pra-syarat migrasi aplikasi dari lingkungan server development ke lingkungan server production.
- 2. Mengantisipasi kebocoran informasi, serangan siber, dan performa server yang tidak optimal saat aplikasi telah masuk ke tahap *production*.

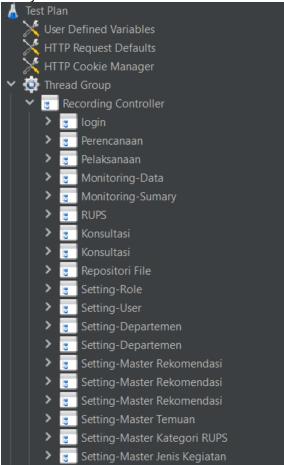
II. RUANG LINGKUP

Pengujian performance & load test ini dilakukan dengan beberapa metode berikut:

- 1. Melakukan recording skenario *loadtest* terhadap seluruh fitur pada aplikasi menggunakan *credential*/hak akses yang telah diberikan.
- 2. Menyesuaikan jumlah *user* untuk uji *loadtest* berdasarkan permintaan dari user.
- 3. Melakukan pengubahan nama pada fitur *http request* dengan cara menyesuaikan parameter website yang akan diuji.
- 4. Melakukan *disable* pada *middleware framework* Laravel jika dibutuhkan agar dapat memproses permintaan HTTP skenario yang sudah dibuat.

III. TAHAP PERSIAPAN

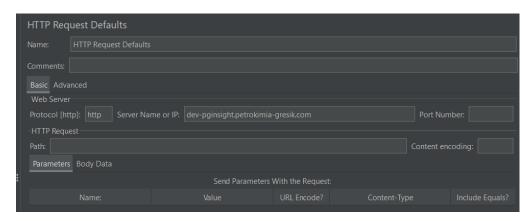
1. Menyusun skenario loadtest.



- 2. Menentukan alamat domain pada fitur HTTP Request Defaultd dan HTTP Request
 - HTTP Request Defaults



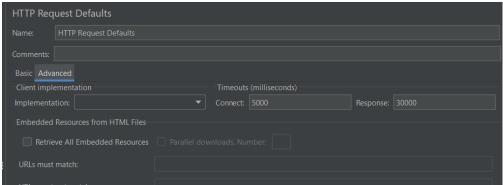
Tanggal	: 22 Januari 2024
Klasifikas	i : RAHASIA
Terbitan	:1
Revisi	: 0
Halaman	: 4 dari 18



HTTP Request



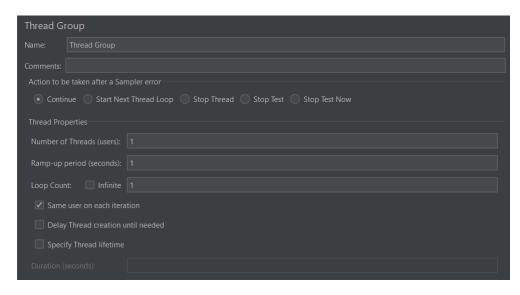
3. Menentukan waktu pengujian akses beberapa halaman website dengan *timeout* 30 detik (*read*) dan 5 detik (*connect*).



4. Menentukan jumlah user pada fitur HTTP Request Default



Tanggal	: 22 Januari 2024
Klasifikas	i : RAHASIA
Terbitan	:1
Revisi	: 0
Halaman	: 5 dari 18

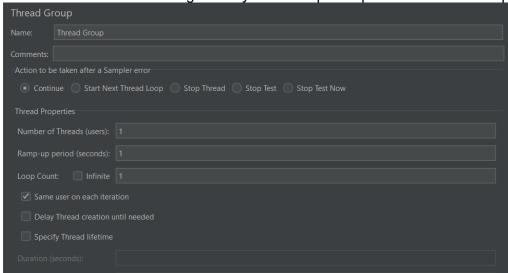


IV. TAHAP PENGUJIAN

1. Melakukan pengujian awal dengan 1 user pada tampilan GUI

Adapun tahap pengujian melalui GUI sebagai berikut:

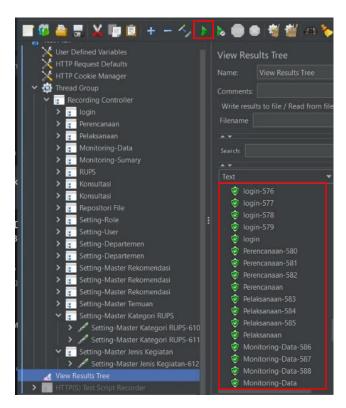
a. Menentukan 1 user dan dengan delay 1 detik tiap user pada fitur Tread Group.



b. Selanjutnya *start* pengujian loadtest, jika terdapat centang warna hijau pada gambar dibawah tandanya pengujian sudah berhasil.



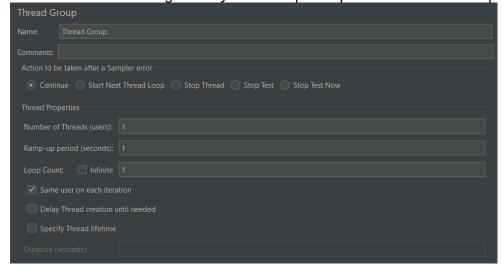
Tanggal : 22 Januari 2024			
Klasifikasi : RAHASIA			
Terbitan	:1		
Revisi	: 0		
Halaman	: 6 dari 18		



2. Melakukan pengujian akhir dengan jumlah 1 user melalui CLI

Adapun tahap pengujian loadtest melalui CLI sebagai berikut:

a. Menentukan 1 user dengan delay 1 detik tiap user pada fitur Thread Group



- Selanjutnya melakukan loadtesting melalui CLI dengan mengarahkan folder jmeter di bin. Sesuaikan folder penyimpanan file.jmx dan folder untuk hasil resultnya.
 - Perintah CLI di windows



Tanggal : 22 Januari 2024
Klasifikasi : RAHASIA
Terbitan : 1
Revisi : 0
Halaman : 7 dari 18

Microsoft Windows [Version 10.0.22621.3007]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Dany\Music\XII TKJ 6\PRAKERIN\LOADTEST\apache-jmeter-5.6.2\bin>jmeter -n -t "C:\Users\Dany\Music\XII TKJ 6\PRAKERIN\LOADTEST\Project\plan\PGINSIGHT.jmx" -l "C:\Users\Dany\Music\XII TKJ 6\PRAKERIN\LOADTEST\Project\Project\result\PGINSIGHT.csv" -e -o "C:\Users\Dany\Music\XII TKJ 6\PRAKERIN\LOADTEST\Project\Projec

V. HASIL PENGUJIAN

1. APDEX (Application Performance Index)

Apdex adalah standar yang dikembangkan oleh aliansi perusahaan untuk mengukur kinerja aplikasi perangkat lunak dalam komputasi. Bobot nilai standar saat ini dari 0.5 sampai 1.0.

APDEX (Application Performance Index)

Apdex	T (Toleration threshold)	F (Frustration threshold)	Label \$
0.935	500 ms	1 sec 500 ms	Total
0.000	500 ms	1 sec 500 ms	Konsultasi
0.000	500 ms	1 sec 500 ms	Repositori File-600
0.000	500 ms	1 sec 500 ms	login
0.000	500 ms	1 sec 500 ms	Repositori File
0.000	500 ms	1 sec 500 ms	Konsultasi-597
0.000	500 ms	1 sec 500 ms	Setting-Departemen- 605
0.000	500 ms	1 sec 500 ms	RUPS-594
0.500	500 ms	1 sec 500 ms	Setting-Departemen
0.500	500 ms	1 sec 500 ms	Setting-Master Rekomendasi-608
0.833	500 ms	1 sec 500 ms	Setting-Master Rekomendasi
1.000	500 ms	1 sec 500 ms	login-579
1.000	500 ms	1 sec 500 ms	login-578
1.000	500 ms	1 sec 500 ms	login-577
1.000	500 ms	1 sec 500 ms	login-576
1.000	500 ms	1 sec 500 ms	Setting-Master Jenis Kegiatan
1.000	500 ms	1 sec 500 ms	login-571
1.000	500 ms	1 sec 500 ms	login-575



Tanggal: 22 Januari 2024

Klasifikasi : RAHASIA

Terbitan : 1

Revisi : 0
Halaman : 8 dari 18

1.000	500 ms	1 sec 500 ms	login-574
1.000	500 ms	1 sec 500 ms	login-573
1.000	500 ms	1 sec 500 ms	login-572
1.000	500 ms	1 sec 500 ms	login-568
1.000	500 ms	1 sec 500 ms	login-567
1.000	500 ms	1 sec 500 ms	login-566
1.000	500 ms	1 sec 500 ms	login-565
1.000	500 ms	1 sec 500 ms	Setting-Master Temuan-609
1.000	500 ms	1 sec 500 ms	Setting-Master Temuan
1.000	500 ms	1 sec 500 ms	Setting-Master Kategori RUPS
1.000	500 ms	1 sec 500 ms	Setting-Master Kategori RUPS-611
1.000	500 ms	1 sec 500 ms	login-560
1.000	500 ms	1 sec 500 ms	Setting-Master Kategori RUPS-610
1.000	500 ms	1 sec 500 ms	login-564
1.000	500 ms	1 sec 500 ms	login-563
1.000	500 ms	1 sec 500 ms	login-562
1.000	500 ms	1 sec 500 ms	login-561
1.000	500 ms	1 sec 500 ms	login-557
1.000	500 ms	1 sec 500 ms	login-556
1.000	500 ms	1 sec 500 ms	login-555
1.000	500 ms	1 sec 500 ms	login-554



Tanggal: 22 Januari 2024

Klasifikasi : RAHASIA

Terbitan : 1

Revisi

Halaman : 9 dari 18

1.000 500 ms 1 sec 500 ms login-559 1.000 500 ms 1 sec 500 ms Perencanaan 1.000 500 ms 1 sec 500 ms Monitoring-Data-586 1.000 500 ms 1 sec 500 ms Monitoring-Data-588 1.000 500 ms 1 sec 500 ms Monitoring-Data-587 1.000 500 ms 1 sec 500 ms login-553 1.000 500 ms 1 sec 500 ms login-552 1.000 500 ms 1 sec 500 ms login-551 1.000 500 ms 1 sec 500 ms login-550 1.000 500 ms 1 sec 500 ms login-546 1.000 500 ms 1 sec 500 ms login-545 1.000 500 ms 1 sec 500 ms login-544 1.000 500 ms 1 sec 500 ms login-543 1.000 500 ms 1 sec 500 ms login-548 1.000 500 ms 1 sec 500 ms login-547 1.000 500 ms 1 sec 500 ms login-542 1.000 500 ms 1 sec 500 ms login-541 1.000 500 ms<				
1.000 500 ms 1 sec 500 ms Perencanaan 1.000 500 ms 1 sec 500 ms Monitoring-Data-586 1.000 500 ms 1 sec 500 ms Monitoring-Data-588 1.000 500 ms 1 sec 500 ms Monitoring-Data-587 1.000 500 ms 1 sec 500 ms login-553 1.000 500 ms 1 sec 500 ms login-552 1.000 500 ms 1 sec 500 ms login-551 1.000 500 ms 1 sec 500 ms login-550 1.000 500 ms 1 sec 500 ms login-546 1.000 500 ms 1 sec 500 ms login-545 1.000 500 ms 1 sec 500 ms login-544 1.000 500 ms 1 sec 500 ms login-543 1.000 500 ms 1 sec 500 ms login-548 1.000 500 ms 1 sec 500 ms login-547 1.000 500 ms 1 sec 500 ms login-542 1.000 500 ms 1 sec 500 ms login-541 1.000 500 ms 1 sec 500 ms login-540 1.000 500 ms<	1.000	500 ms	1 sec 500 ms	login-559
1.000 500 ms 1 sec 500 ms Monitoring-Data-586 1.000 500 ms 1 sec 500 ms Monitoring-Data-588 1.000 500 ms 1 sec 500 ms Monitoring-Data-587 1.000 500 ms 1 sec 500 ms login-553 1.000 500 ms 1 sec 500 ms login-552 1.000 500 ms 1 sec 500 ms login-551 1.000 500 ms 1 sec 500 ms login-550 1.000 500 ms 1 sec 500 ms login-550 1.000 500 ms 1 sec 500 ms login-546 1.000 500 ms 1 sec 500 ms login-545 1.000 500 ms 1 sec 500 ms login-544 1.000 500 ms 1 sec 500 ms login-543 1.000 500 ms 1 sec 500 ms login-549 1.000 500 ms 1 sec 500 ms login-548 1.000 500 ms 1 sec 500 ms login-547 1.000 500 ms 1 sec 500 ms login-547 1.000 500 ms 1 sec 500 ms login-542 1.000 500 ms 1 sec 500 ms login-541 1.000 500 ms 1 sec 500 ms login-541 1.000 500 ms 1 sec 500 ms login-542 1.000 500 ms 1 sec 500 ms login-541 1.000 500 ms 1 sec 500 ms login-541 1.000 500 ms 1 sec 500 ms login-541 1.000 500 ms 1 sec 500 ms Repositori File-598 1.000 500 ms 1 sec 500 ms Repositori File-599 1.000 500 ms 1 sec 500 ms Repositori File-599 1.000 500 ms 1 sec 500 ms Repositori File-599 1.000 500 ms 1 sec 500 ms Repositori File-599	1.000	500 ms	1 sec 500 ms	login-558
1.000 500 ms 1 sec 500 ms Monitoring-Data-588 1.000 500 ms 1 sec 500 ms Monitoring-Data-587 1.000 500 ms 1 sec 500 ms login-553 1.000 500 ms 1 sec 500 ms login-552 1.000 500 ms 1 sec 500 ms login-551 1.000 500 ms 1 sec 500 ms login-550 1.000 500 ms 1 sec 500 ms login-546 1.000 500 ms 1 sec 500 ms login-545 1.000 500 ms 1 sec 500 ms login-544 1.000 500 ms 1 sec 500 ms login-543 1.000 500 ms 1 sec 500 ms login-549 1.000 500 ms 1 sec 500 ms login-548 1.000 500 ms 1 sec 500 ms login-547 1.000 500 ms 1 sec 500 ms login-542 1.000 500 ms 1 sec 500 ms login-541 1.000 500 ms 1 sec 500 ms login-540 1.000 500 ms 1 sec 500 ms Repositori File-599 1.000 500 ms <td>1.000</td> <td>500 ms</td> <td>1 sec 500 ms</td> <td>Perencanaan</td>	1.000	500 ms	1 sec 500 ms	Perencanaan
1.000 500 ms 1 sec 500 ms Monitoring-Data-587 1.000 500 ms 1 sec 500 ms login-553 1.000 500 ms 1 sec 500 ms login-552 1.000 500 ms 1 sec 500 ms login-551 1.000 500 ms 1 sec 500 ms login-550 1.000 500 ms 1 sec 500 ms login-546 1.000 500 ms 1 sec 500 ms login-545 1.000 500 ms 1 sec 500 ms login-544 1.000 500 ms 1 sec 500 ms login-543 1.000 500 ms 1 sec 500 ms login-549 1.000 500 ms 1 sec 500 ms login-548 1.000 500 ms 1 sec 500 ms login-547 1.000 500 ms 1 sec 500 ms login-542 1.000 500 ms 1 sec 500 ms login-541 1.000 500 ms 1 sec 500 ms login-540 1.000 500 ms 1 sec 500 ms Repositori File-599 1.000 500 ms 1 sec 500 ms login-535	1.000	500 ms	1 sec 500 ms	Monitoring-Data-586
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1.000 500 ms 1 sec 500 ms login-551 1.000 500 ms 1 sec 500 ms login-550 1.000 500 ms 1 sec 500 ms login-546 1.000 500 ms 1 sec 500 ms login-545 1.000 500 ms 1 sec 500 ms login-544 1.000 500 ms 1 sec 500 ms login-543 1.000 500 ms 1 sec 500 ms login-549 1.000 500 ms 1 sec 500 ms login-548 1.000 500 ms 1 sec 500 ms login-547 1.000 500 ms 1 sec 500 ms login-542 1.000 500 ms 1 sec 500 ms login-541 1.000 500 ms 1 sec 500 ms login-540 1.000 500 ms 1 sec 500 ms Repositori File-599 1.000 500 ms 1 sec 500 ms login-535	1.000	500 ms	1 sec 500 ms	login-553
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1.000 500 ms 1 sec 500 ms login-549 1.000 500 ms 1 sec 500 ms login-548 1.000 500 ms 1 sec 500 ms login-547 1.000 500 ms 1 sec 500 ms login-542 1.000 500 ms 1 sec 500 ms Repositori File-598 1.000 500 ms 1 sec 500 ms login-541 1.000 500 ms 1 sec 500 ms login-540 1.000 500 ms 1 sec 500 ms Repositori File-599 1.000 500 ms 1 sec 500 ms login-535	1.000	500 ms	1 sec 500 ms	login-544
1.000 500 ms 1 sec 500 ms login-548 1.000 500 ms 1 sec 500 ms login-547 1.000 500 ms 1 sec 500 ms login-542 1.000 500 ms 1 sec 500 ms Repositori File-598 1.000 500 ms 1 sec 500 ms login-541 1.000 500 ms 1 sec 500 ms login-540 1.000 500 ms 1 sec 500 ms Repositori File-599 1.000 500 ms 1 sec 500 ms login-535	1.000	500 ms	1 sec 500 ms	login-543
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1.000 500 ms 1 sec 500 ms login-541 1.000 500 ms 1 sec 500 ms login-540 1.000 500 ms 1 sec 500 ms Repositori File-599 1.000 500 ms 1 sec 500 ms login-535	1.000	500 ms	1 sec 500 ms	login-542
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1.000 500 ms 1 sec 500 ms Repositori File-599 1.000 500 ms 1 sec 500 ms login-535	1.000	500 ms	1 sec 500 ms	login-541
1.000 500 ms 1 sec 500 ms login-535	1.000	500 ms	1 sec 500 ms	login-540
	1.000	500 ms	1 sec 500 ms	Repositori File-599
1.000 500 ms 1 sec 500 ms login-534	1.000	500 ms	1 sec 500 ms	login-535
	1.000	500 ms	1 sec 500 ms	login-534



Tanggal: 22 Januari 2024

Klasifikasi : RAHASIA

Terbitan : 1

Revisi : 0
Halaman : 10 dari 18

1.000	500 ms	1 sec 500 ms	Setting-User-603
1.000	500 ms	1 sec 500 ms	login-533
1.000	500 ms	1 sec 500 ms	login-499
1.000	500 ms	1 sec 500 ms	login-532
1.000	500 ms	1 sec 500 ms	login-538
1.000	500 ms	1 sec 500 ms	login-537
1.000	500 ms	1 sec 500 ms	Setting-User-602
1.000	500 ms	1 sec 500 ms	login-536
1.000	500 ms	1 sec 500 ms	Setting-Master Jenis Kegiatan-612
1.000	500 ms	1 sec 500 ms	login-490
1.000	500 ms	1 sec 500 ms	login-494
1.000	500 ms	1 sec 500 ms	login-493
1.000	500 ms	1 sec 500 ms	login-492
1.000	500 ms	1 sec 500 ms	Monitoring-Sumary- 589
1.000	500 ms	1 sec 500 ms	login-491
1.000	500 ms	1 sec 500 ms	login-498
1.000	500 ms	1 sec 500 ms	login-531
1.000	500 ms	1 sec 500 ms	login-497
1.000	500 ms	1 sec 500 ms	login-530
1.000	500 ms	1 sec 500 ms	login-496
1.000	500 ms	1 sec 500 ms	login-495
1.000	500 ms	1 sec 500 ms	login-524



Tanggal: 22 Januari 2024

Klasifikasi : RAHASIA

Terbitan : 1

Revisi : 0

Halaliali . H uali lu	Halaman	- : :	11	dari 18	
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1.000	500 ms	1 sec 500 ms	RUPS
1.000	500 ms	1 sec 500 ms	login-523
1.000	500 ms	1 sec 500 ms	login-489
1.000	500 ms	1 sec 500 ms	login-522
1.000	500 ms	1 sec 500 ms	login-488
1.000	500 ms	1 sec 500 ms	login-521
1.000	500 ms	1 sec 500 ms	Setting-User
1.000	500 ms	1 sec 500 ms	login-528
1.000	500 ms	1 sec 500 ms	login-527
1.000	500 ms	1 sec 500 ms	login-526
1.000	500 ms	1 sec 500 ms	login-525
1.000	500 ms	1 sec 500 ms	login-529
1.000	500 ms	1 sec 500 ms	Pelaksanaan
1.000	500 ms	1 sec 500 ms	Setting-Role-601
1.000	500 ms	1 sec 500 ms	Monitoring-Sumary- 590
1.000	500 ms	1 sec 500 ms	Monitoring-Sumary- 591
1.000	500 ms	1 sec 500 ms	login-483
1.000	500 ms	1 sec 500 ms	login-482
1.000	500 ms	1 sec 500 ms	login-481
1.000	500 ms	1 sec 500 ms	login-480
1.000	500 ms	1 sec 500 ms	login-487
1.000	500 ms	1 sec 500 ms	login-520
1 000	500 mg	1 000 500 mg	login 496



Tanggal: 22 Januari 2024

Klasifikasi : RAHASIA

Terbitan : 1

Revisi

Halaman : 12 dari 18

1.000 500 ms 1 sec 500 ms login-484 1.000 500 ms 1 sec 500 ms login-513 1.000 500 ms 1 sec 500 ms login-479 1.000 500 ms 1 sec 500 ms login-512 1.000 500 ms 1 sec 500 ms login-512 1.000 500 ms 1 sec 500 ms login-478 1.000 500 ms 1 sec 500 ms login-511 1.000 500 ms 1 sec 500 ms login-510 1.000 500 ms 1 sec 500 ms login-517 1.000 500 ms 1 sec 500 ms login-516 1.000 500 ms 1 sec 500 ms login-516 1.000 500 ms 1 sec 500 ms login-515 1.000 500 ms 1 sec 500 ms login-514 1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms	1.000	500 ms	1 sec 500 ms	login-486
1.000 500 ms 1 sec 500 ms login-513 1.000 500 ms 1 sec 500 ms login-479 1.000 500 ms 1 sec 500 ms login-512 1.000 500 ms 1 sec 500 ms Konsultasi-596 1.000 500 ms 1 sec 500 ms login-478 1.000 500 ms 1 sec 500 ms login-511 1.000 500 ms 1 sec 500 ms login-510 1.000 500 ms 1 sec 500 ms login-517 1.000 500 ms 1 sec 500 ms login-516 1.000 500 ms 1 sec 500 ms login-516 1.000 500 ms 1 sec 500 ms login-515 1.000 500 ms 1 sec 500 ms login-514 1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departemen	1.000	500 ms	1 sec 500 ms	login-485
1.000 500 ms 1 sec 500 ms login-479 1.000 500 ms 1 sec 500 ms login-512 1.000 500 ms 1 sec 500 ms Konsultasi-596 1.000 500 ms 1 sec 500 ms login-478 1.000 500 ms 1 sec 500 ms login-511 1.000 500 ms 1 sec 500 ms login-510 1.000 500 ms 1 sec 500 ms login-517 1.000 500 ms 1 sec 500 ms login-516 1.000 500 ms 1 sec 500 ms login-516 1.000 500 ms 1 sec 500 ms login-515 1.000 500 ms 1 sec 500 ms login-514 1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departemen	1.000	500 ms	1 sec 500 ms	login-484
1.000 500 ms 1 sec 500 ms login-512 1.000 500 ms 1 sec 500 ms Konsultasi-596 1.000 500 ms 1 sec 500 ms login-478 1.000 500 ms 1 sec 500 ms login-511 1.000 500 ms 1 sec 500 ms login-510 1.000 500 ms 1 sec 500 ms Perencanaan-581 1.000 500 ms 1 sec 500 ms Perencanaan-581 1.000 500 ms 1 sec 500 ms Perencanaan-580 1.000 500 ms 1 sec 500 ms login-515 1.000 500 ms 1 sec 500 ms login-514 1.000 500 ms 1 sec 500 ms Perencanaan-582 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departemen	1.000	500 ms	1 sec 500 ms	login-513
1.000 500 ms 1 sec 500 ms Konsultasi-596 1.000 500 ms 1 sec 500 ms login-478 1.000 500 ms 1 sec 500 ms login-511 1.000 500 ms 1 sec 500 ms login-510 1.000 500 ms 1 sec 500 ms login-517 1.000 500 ms 1 sec 500 ms Perencanaan-581 1.000 500 ms 1 sec 500 ms Perencanaan-580 1.000 500 ms 1 sec 500 ms login-516 1.000 500 ms 1 sec 500 ms login-515 1.000 500 ms 1 sec 500 ms Perencanaan-582 1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departemen	1.000	500 ms	1 sec 500 ms	login-479
1.000 500 ms 1 sec 500 ms login-478 1.000 500 ms 1 sec 500 ms login-511 1.000 500 ms 1 sec 500 ms login-510 1.000 500 ms 1 sec 500 ms login-517 1.000 500 ms 1 sec 500 ms Perencanaan-581 1.000 500 ms 1 sec 500 ms login-516 1.000 500 ms 1 sec 500 ms login-515 1.000 500 ms 1 sec 500 ms login-514 1.000 500 ms 1 sec 500 ms Perencanaan-582 1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departemen	1.000	500 ms	1 sec 500 ms	login-512
1.000 500 ms 1 sec 500 ms login-511 1.000 500 ms 1 sec 500 ms login-510 1.000 500 ms 1 sec 500 ms login-517 1.000 500 ms 1 sec 500 ms Perencanaan-581 1.000 500 ms 1 sec 500 ms login-516 1.000 500 ms 1 sec 500 ms login-515 1.000 500 ms 1 sec 500 ms login-514 1.000 500 ms 1 sec 500 ms Perencanaan-582 1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departemen	1.000	500 ms	1 sec 500 ms	Konsultasi-596
1.000 500 ms 1 sec 500 ms login-510 1.000 500 ms 1 sec 500 ms login-517 1.000 500 ms 1 sec 500 ms Perencanaan-581 1.000 500 ms 1 sec 500 ms login-516 1.000 500 ms 1 sec 500 ms Perencanaan-580 1.000 500 ms 1 sec 500 ms login-515 1.000 500 ms 1 sec 500 ms Perencanaan-582 1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departemen	1.000	500 ms	1 sec 500 ms	login-478
1.000 500 ms 1 sec 500 ms login-517 1.000 500 ms 1 sec 500 ms Perencanaan-581 1.000 500 ms 1 sec 500 ms login-516 1.000 500 ms 1 sec 500 ms Perencanaan-580 1.000 500 ms 1 sec 500 ms login-515 1.000 500 ms 1 sec 500 ms Perencanaan-582 1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departemen	1.000	500 ms	1 sec 500 ms	login-511
1.000 500 ms 1 sec 500 ms Perencanaan-581 1.000 500 ms 1 sec 500 ms login-516 1.000 500 ms 1 sec 500 ms Perencanaan-580 1.000 500 ms 1 sec 500 ms login-515 1.000 500 ms 1 sec 500 ms Perencanaan-582 1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departemen	1.000	500 ms	1 sec 500 ms	login-510
1.000 500 ms 1 sec 500 ms login-516 1.000 500 ms 1 sec 500 ms Perencanaan-580 1.000 500 ms 1 sec 500 ms login-515 1.000 500 ms 1 sec 500 ms login-514 1.000 500 ms 1 sec 500 ms Perencanaan-582 1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departemen	1.000	500 ms	1 sec 500 ms	login-517
1.000 500 ms 1 sec 500 ms Perencanaan-580 1.000 500 ms 1 sec 500 ms login-515 1.000 500 ms 1 sec 500 ms login-514 1.000 500 ms 1 sec 500 ms Perencanaan-582 1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departemen	1.000	500 ms	1 sec 500 ms	Perencanaan-581
1.000 500 ms 1 sec 500 ms login-515 1.000 500 ms 1 sec 500 ms login-514 1.000 500 ms 1 sec 500 ms Perencanaan-582 1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departement	1.000	500 ms	1 sec 500 ms	login-516
1.000 500 ms 1 sec 500 ms login-514 1.000 500 ms 1 sec 500 ms Perencanaan-582 1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departemen	1.000	500 ms	1 sec 500 ms	Perencanaan-580
1.000 500 ms 1 sec 500 ms Perencanaan-582 1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departement	1.000	500 ms	1 sec 500 ms	login-515
1.000 500 ms 1 sec 500 ms login-519 1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departement	1.000	500 ms	1 sec 500 ms	login-514
1.000 500 ms 1 sec 500 ms login-518 1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departement	1.000	500 ms	1 sec 500 ms	Perencanaan-582
1.000 500 ms 1 sec 500 ms Konsultasi-595 1.000 500 ms 1 sec 500 ms Monitoring-Sumary 1.000 500 ms 1 sec 500 ms Setting-Departement	1.000	500 ms	1 sec 500 ms	login-519
1.000500 ms1 sec 500 msMonitoring-Sumary1.000500 ms1 sec 500 msSetting-Departement	1.000	500 ms	1 sec 500 ms	login-518
1.000 500 ms 1 sec 500 ms Setting-Departemen	1.000	500 ms	1 sec 500 ms	Konsultasi-595
· ·	1.000	500 ms	1 sec 500 ms	Monitoring-Sumary
OOT CONTRACTOR OF THE PROPERTY	1.000	500 ms	1 sec 500 ms	Setting-Departemen- 604
1.000 500 ms 1 sec 500 ms Setting-Role	1.000	500 ms	1 sec 500 ms	Setting-Role



Tanggal: 22 Januari 2024 Klasifikasi: RAHASIA

Terbitan : 1

Revisi

Halaman : 13 dari 18

1.000	500 ms	1 sec 500 ms	login-502
1.000	500 ms	1 sec 500 ms	login-468
1.000	500 ms	1 sec 500 ms	login-501
1.000	500 ms	1 sec 500 ms	login-467
1.000	500 ms	1 sec 500 ms	login-500
1.000	500 ms	1 sec 500 ms	Pelaksanaan-584
1.000	500 ms	1 sec 500 ms	Pelaksanaan-583
1.000	500 ms	1 sec 500 ms	Monitoring-Data
1.000	500 ms	1 sec 500 ms	login-506
1.000	500 ms	1 sec 500 ms	login-505
1.000	500 ms	1 sec 500 ms	Pelaksanaan-585
1.000	500 ms	1 sec 500 ms	login-504
1.000	500 ms	1 sec 500 ms	login-503
1.000	500 ms	1 sec 500 ms	login-509
1.000	500 ms	1 sec 500 ms	login-508
1.000	500 ms	1 sec 500 ms	login-507
1.000	500 ms	1 sec 500 ms	RUPS-593
1.000	500 ms	1 sec 500 ms	Setting-Master Rekomendasi-607
1.000	500 ms	1 sec 500 ms	Setting-Master Rekomendasi-606
1.000	500 ms	1 sec 500 ms	RUPS-592

Tabel 1. APDEX

2. STATISTICS

Pada tabel statistik ini untuk mengukur transactions/s, received dan sent.



Tanggal: 22 Januari 2024

Klasifikasi : RAHASIA

Terbitan : 1

Revisi : 0

Halaman : 14 dari 18

Statistics

Requests Executions						R	Throughput	Network (KB/sec)						
Label 4	#Samples	,	FAIL \$	Error % \$	Average \$	Min ÷	Max \$	Median ‡	90th pct \$	95th pct \$	99th pct \$	Transactions/s \$	Received \$	Sent \$
Total	134		4	2.99%	60.22	6	1388	22.00	140.50	218.00	1223.50	16.08	590.63	72.01
Konsultasi	2		2	100.00%	579.50	166	993	579.50	993.00	993.00	993.00	1.71	4.58	9.06
Konsultasi-595	1		0	0.00%	35.00	35	35	35.00	35.00	35.00	35.00	28.57	65.32	134.18
Konsultasi-596	1		0	0.00%	40.00	40	40	40.00	40.00	40.00	40.00	25.00	53.64	117.82
Konsultasi-597	1		1	100.00%	166.00	166	166	166.00	166.00	166.00	166.00	6.02	2.75	3.50
login	1		0	0.00%	3078.00	3078	3078	3078.00	3078.00	3078.00	3078.00	0.32	1546.36	153.98
login-467	1		0	0.00%	198.00	198	198	198.00	198.00	198.00	198.00	5.05	27.00	2.55
login-468	1		0	0.00%	24.00	24	24	24.00	24.00	24.00	24.00	41.67	64.05	199.38
login-478	1		0	0.00%	38.00	38	38	38.00	38.00	38.00	38.00	26.32	133.02	124.28
login-479	1		0	0.00%	34.00	34	34	34.00	34.00	34.00	34.00	29.41	2297.31	139.05
login-480	1		0	0.00%	14.00	14	14	14.00	14.00	14.00	14.00	71.43	926.41	337.96
login-481	1		0	0.00%	35.00	35	35	35.00	35.00	35.00	35.00	28.57	4107.95	135.04
login-482	1		0	0.00%	22.00	22	22	22.00	22.00	22.00	22.00	45.45	557.66	215.64
login-483	1		0	0.00%	12.00	12	12	12.00	12.00	12.00	12.00	83.33	680.50	396.24
login-484	1		0	0.00%	18.00	18	18	18.00	18.00	18.00	18.00	55.56	3202.37	263.40
login-485	1		0	0.00%	22.00	22	22	22.00	22.00	22.00	22.00	45.45	191.67	215.78
login-486	1		0	0.00%	11.00	11	11	11.00	11.00	11.00	11.00	90.91	2491.03	431.37
login-487	1		0	0.00%	14.00	14	14	14.00	14.00	14.00	14.00	71.43	1569.68	339.49
login-488	1		0	0.00%	10.00	10	10	10.00	10.00	10.00	10.00	100.00	1769.92	474.41
login-489	1		0	0.00%	8.00	8	8	8.00	8.00	8.00	8.00	125.00	304.44	592.41
login-490	1		0	0.00%	26.00	26	26	26.00	26.00	26.00	26.00	38.46	1169.21	182.43
login-491	1		0	0.00%	29.00	29	29	29.00	29.00	29.00	29.00	34.48	3359.98	162.98
login-492	1		0	0.00%	9.00	9	9	9.00	9.00	9.00	9.00	111.11	340.71	528.54
login-493	1		0	0.00%	10.00	10	10	10.00	10.00	10.00	10.00	100.00	377.93	474.41
login-494	1		0	0.00%	24.00	24	24	24.00	24.00	24.00	24.00	41.67	180.70	197.88
login-495	1		0	0.00%	10.00	10	10	10.00	10.00	10.00	10.00	100.00	612.11	476.27
login-496	1		0	0.00%	11.00	11	11	11.00	11.00	11.00	11.00	90.91	1606.71	431.82
login-497	1		0	0.00%	10.00	10	10	10.00	10.00	10.00	10.00	100.00	1416.70	473.54
login-498	1		0	0.00%	10.00	10	10	10.00	10.00	10.00	10.00	100.00	1166.21	475.59
login-499	1		0	0.00%	12.00	12	12	12.00	12.00	12.00	12.00	83.33	1463.46	395.26
login-500	1		0	0.00%	11.00	11	11	11.00	11.00	11.00	11.00	90.91	1151.37	431.91
login-501	1		0	0.00%	22.00	22	22	22.00	22.00	22.00	22.00	45.45	422.63	215.38
login-502	1		0	0.00%	16.00	16	16	16.00	16.00	16.00	16.00	62.50	488.83	296.14
login-503	1		0	0.00%	10.00	10	10	10.00	10.00	10.00	10.00	100.00	906.05	474.12
login-504	1		0	0.00%	13.00	13	13	13.00	13.00	13.00	13.00	76.92	1327.45	363.81
login-505	1		0	0.00%	15.00	15	15	15.00	15.00	15.00	15.00	66.67	301.95	316.08
login-506	1		0	0.00%	11.00	11	11	11.00	11.00	11.00	11.00	90.91	3170.81	430.58
login-507	1		0	0.00%	55.00	55	55	55.00	55.00	55.00	55.00	18.18	5631.61	85.81
login-508	1		0	0.00%	8.00	8	8	8.00	8.00	8.00	8.00	125.00	443.97	590.21
login-509	1		0	0.00%	37.00	37	37	37.00	37.00	37.00	37.00	27.03	7151.39	127.72
login-510	1		0	0.00%	36.00	36	36	36.00	36.00	36.00	36.00	27.78	5993.68	131.29
login-511	1		0	0.00%	52.00	52	52	52.00	52.00	52.00	52.00	19.23	492.26	90.90
login-512	1		0	0.00%	10.00	10	10	10.00	10.00	10.00	10.00	100.00	920.31	473.93
login-513	1		0	0.00%	15.00	15	15	15.00	15.00	15.00	15.00	66.67	154.36	314.97



Tanggal: 22 Januari 2024

Klasifikasi : RAHASIA

Terbitan : 1

Revisi : 0

Halaman : 15 dari 18

login-514	1	0	0.00%	12.00	12	12	12.00	12.00	12.00	12.00	83.33	493.08	394.04
login-515	1	0	0.00%	8.00	8	8	8.00	8.00	8.00	8.00	125.00	768.19	592.53
login-516	1	0	0.00%	8.00	8	8	8.00	8.00	8.00	8.00	125.00	897.34	592.90
login-517	1	0	0.00%	12.00	12	12	12.00	12.00	12.00	12.00	83.33	4175.86	395.43
login-517	1	0	0.00%	23.00	23	23	23.00	23.00	23.00	23.00	43.48	296.49	206.05
login-519	1	0	0.00%	24.00	24	24	24.00	24.00	24.00	24.00	41.67	646.04	197.31
login-520	1	0	0.00%	9.00	9	9	9.00	9.00	9.00	9.00	111.11	264.21	525.72
	1	0	0.00%	17.00	17	17	17.00	17.00	17.00	17.00	58.82	349.15	278.95
login-521 login-522	1	0	0.00%	9.00	9	9	9.00	9.00	9.00	9.00	111.11	778.43	524.96
	1	0	0.00%	46.00	46	46	46.00	46.00	46.00				
login-523	1	0		27.00	27	27		27.00	27.00	46.00	21.74 37.04	4296.15	102.79
login-524			0.00%				27.00			27.00		319.41	175.56
login-525	1	0	0.00%	10.00	10	10	10.00	10.00	10.00	10.00	100.00	1818.26	473.34
login-526	1	0	0.00%	6.00	6	6	6.00	6.00	6.00	6.00	166.67	389.65	789.71
login-527	1	0	0.00%	36.00	36	36	36.00	36.00	36.00	36.00	27.78	59.22	131.02
login-528	1	0	0.00%	10.00	10	10	10.00	10.00	10.00	10.00	100.00	364.55	472.95
login-529	1	0	0.00%	34.00	34	34	34.00	34.00	34.00	34.00	29.41	4546.67	139.22
login-530	1	0	0.00%	16.00	16	16	16.00	16.00	16.00	16.00	62.50	1368.47	295.10
login-531	1	0	0.00%	19.00	19	19	19.00	19.00	19.00	19.00	52.63	456.62	248.61
login-532	1	0	0.00%	10.00	10	10	10.00	10.00	10.00	10.00	100.00	829.88	473.14
login-533	1	0	0.00%	14.00	14	14	14.00	14.00	14.00	14.00	71.43	352.89	337.61
login-534	1	0	0.00%	7.00	7	7	7.00	7.00	7.00	7.00	142.86	331.89	674.94
login-535	1	0	0.00%	18.00	18	18	18.00	18.00	18.00	18.00	55.56	3396.70	262.53
login-536	1	0	0.00%	83.00	83	83	83.00	83.00	83.00	83.00	12.05	84.40	56.99
login-537	1	0	0.00%	20.00	20	20	20.00	20.00	20.00	20.00	50.00	3730.42	236.38
login-538	1	0	0.00%	24.00	24	24	24.00	24.00	24.00	24.00	41.67	155.15	197.14
login-540	1	0	0.00%	126.00	126	126	126.00	126.00	126.00	126.00	7.94	4729.60	37.56
login-541	1	0	0.00%	10.00	10	10	10.00	10.00	10.00	10.00	100.00	1057.91	475.88
login-542	1	0	0.00%	9.00	9	9	9.00	9.00	9.00	9.00	111.11	1023.98	525.39
login-543	1	0	0.00%	24.00	24	24	24.00	24.00	24.00	24.00	41.67	1255.94	197.02
login-544	1	0	0.00%	8.00	8	8	8.00	8.00	8.00	8.00	125.00	309.20	591.43
login-545	1	0	0.00%	496.00	496	496	496.00	496.00	496.00	496.00	2.02	869.72	9.53
login-546	1	0	0.00%	9.00	9	9	9.00	9.00	9.00	9.00	111.11	262.37	527.24
login-547	1	0	0.00%	8.00	8	8	8.00	8.00	8.00	8.00	125.00	243.29	593.51
login-548	1	0	0.00%	11.00	11	11	11.00	11.00	11.00	11.00	90.91	415.31	429.51
login-549	1	0	0.00%	21.00	21	21	21.00	21.00	21.00	21.00	47.62	165.36	226.14
login-550	1	0	0.00%	21.00	21	21	21.00	21.00	21.00	21.00	47.62	172.25	225.73
login-551	1	0	0.00%	11.00	11	11	11.00	11.00	11.00	11.00	90.91	1859.91	430.31
login-552	1	0	0.00%	9.00	9	9	9.00	9.00	9.00	9.00	111.11	260.09	527.13
login-553	1	0	0.00%	8.00	8	8	8.00	8.00	8.00	8.00	125.00	347.66	593.63
login-554	1	0	0.00%	14.00	14	14	14.00	14.00	14.00	14.00	71.43	422.71	338.03
login-555	1	0	0.00%	11.00	11	11	11.00	11.00	11.00	11.00	90.91	776.46	431.73
login-556	1	0	0.00%	7.00	7	7	7.00	7.00	7.00	7.00	142.86	725.59	676.06
login-557	1	0	0.00%	8.00	8	8	8.00	8.00	8.00	8.00	125.00	264.28	590.70
login-558	1	0	0.00%	37.00	37	37	37.00	37.00	37.00	37.00	27.03	65.03	127.85
login-559	1	0	0.00%	119.00	119	119	119.00	119.00	119.00	119.00	8.40	1683.95	39.68
login-560	1	0	0.00%	12.00	12	12	12.00	12.00	12.00	12.00	83.33	355.22	395.75
login-561	1	0	0.00%	11.00	11	11	11.00	11.00	11.00	11.00	90.91	4271.48	430.93
login-562	1	0	0.00%	157.00	157	157	157.00	157.00	157.00	157.00	6.37	6319.26	30.05
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Tanggal: 22 Januari 2024

Klasifikasi : RAHASIA

Terbitan : 1

Revisi : 0

Halaman : 16 dari 18

login-563	1	0	0.00%	10.00	10	10	10.00	10.00	10.00	10.00	100.00	1173.83	473.54
login-564	1	0	0.00%	13.00	13	13	13.00	13.00	13.00	13.00	76.92	192.98	364.11
login-565	1	0	0.00%	41.00	41	41	41.00	41.00	41.00	41.00	24.39	243.88	115.97
login-566	1	0	0.00%	9.00	9	9	9.00	9.00	9.00	9.00	111.11	260.31	526.80
login-567	1	0	0.00%	52.00	52	52	52.00	52.00	52.00	52.00	19.23	2177.70	90.90
login-568	1	0	0.00%	58.00	58	58	58.00	58.00	58.00	58.00	17.24	73.98	83.01
login-571	1	0	0.00%	79.00	79	79	79.00	79.00	79.00	79.00	12.66	12.60	59.50
login-572	1	0	0.00%	29.00	29	29	29.00	29.00	29.00	29.00	34.48	31.05	162.11
login-573	1	0	0.00%	31.00	31	31	31.00	31.00	31.00	31.00	32.26	31.91	151.56
login-574	1	0	0.00%	37.00	37	37	37.00	37.00	37.00	37.00	27.03	26.90	127.03
login-575	1	0	0.00%	35.00	35	35	35.00	35.00	35.00	35.00	28.57	25.70	134.74
login-576	1	0	0.00%	21.00	21	21	21.00	21.00	21.00	21.00	47.62	47.11	223.73
login-577	1	0	0.00%	38.00	38	38	38.00	38.00	38.00	38.00	26.32	26.16	123.51
login-578	1	0	0.00%	34.00	34	34	34.00	34.00	34.00	34.00	29.41	26.40	138.50
login-579	1	0	0.00%	20.00	20	20	20.00	20.00	20.00	20.00	50.00	49.71	234.67
Monitoring-Data	1	0	0.00%	178.00	178	178	178.00	178.00	178.00	178.00	5.62	96.83	79.24
Monitoring-Data- 586	1	0	0.00%	53.00	53	53	53.00	53.00	53.00	53.00	18.87	26.33	88.63
Monitoring-Data- 587	1	0	0.00%	25.00	25	25	25.00	25.00	25.00	25.00	40.00	91.45	187.85
Monitoring-Data- 588	1	0	0.00%	100.00	100	100	100.00	100.00	100.00	100.00	10.00	135.55	47.12
Monitoring- Sumary	1	0	0.00%	127.00	127	127	127.00	127.00	127.00	127.00	7.87	32.69	111.47
Monitoring- Sumary-589	1	0	0.00%	21.00	21	21	21.00	21.00	21.00	21.00	47.62	50.32	224.52
Monitoring- Sumary-590	1	0	0.00%	53.00	53	53	53.00	53.00	53.00	53.00	18.87	32.06	89.38
Monitoring- Sumary-591	1	0	0.00%	53.00	53	53	53.00	53.00	53.00	53.00	18.87	26.33	88.78
Pelaksanaan	1	0	0.00%	301.00	301	301	301.00	301.00	301.00	301.00	3.32	17.64	46.90
Pelaksanaan- 583	1	0	0.00%	52.00	52	52	52.00	52.00	52.00	52.00	19.23	26.84	90.35
Pelaksanaan- 584	1	0	0.00%	230.00	230	230	230.00	230.00	230.00	230.00	4.35	12.43	20.49
Pelaksanaan- 585	1	0	0.00%	19.00	19	19	19.00	19.00	19.00	19.00	52.63	55.61	247.79
Perencanaan	1	0	0.00%	294.00	294	294	294.00	294.00	294.00	294.00	3.40	18.06	48.02
Perencanaan- 580	1	0	0.00%	67.00	67	67	67.00	67.00	67.00	67.00	14.93	20.83	70.12
Perencanaan- 581	1	0	0.00%	205.00	205	205	205.00	205.00	205.00	205.00	4.88	13.94	22.98
Perencanaan- 582	1	0	0.00%	22.00	22	22	22.00	22.00	22.00	22.00	45.45	48.03	214.00
Repositori File	1	1	100.00%	220.00	220	220	220.00	220.00	220.00	220.00	4.55	22.22	45.41
Repositori File- 598	1	0	0.00%	22.00	22	22	22.00	22.00	22.00	22.00	45.45	103.92	213.47
Repositori File- 599	1	0	0.00%	20.00	20	20	20.00	20.00	20.00	20.00	50.00	107.28	235.64
Repositori File- 600	1	1	100.00%	178.00	178	178	178.00	178.00	178.00	178.00	5.62	2.57	3.26
RUPS	1	0	0.00%	136.00	136	136	136.00	136.00	136.00	136.00	7.35	52.98	69.19
RUPS-592	1	0	0.00%	30.00	30	30	30.00	30.00	30.00	30.00	33.33	42.35	156.58
RUPS-593	1	0	0.00%	106.00	106	106	106.00	106.00	106.00	106.00	9.43	55.99	44.45



Tanggal : 22 Januari 2024

Klasifikasi : RAHASIA

Terbitan : 1

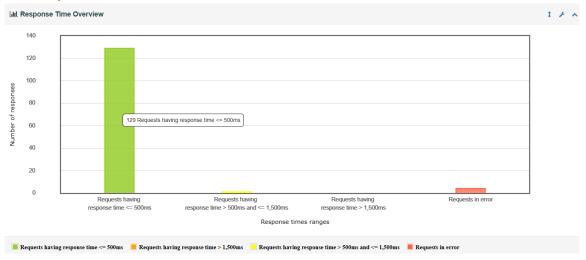
Revisi : 0

Halaman: 17 dari 18

RUPS-594	1	1	100.00%	918.00	918	918	918.00	918.00	918.00	918.00	1.09	0.50	0.63
Setting- Departemen	2	1	50.00%	93.00	31	155	93.00	155.00	155.00	155.00	10.64	14.59	28.21
Setting- Departemen-604	1	0	0.00%	31.00	31	31	31.00	31.00	31.00	31.00	32.26	73.75	152.31
Setting- Departemen-605	1	1	100.00%	155.00	155	155	155.00	155.00	155.00	155.00	6.45	2.95	3.75
Setting-Master Jenis Kegiatan	1	0	0.00%	60.00	60	60	60.00	60.00	60.00	60.00	16.67	25.39	78.52
Setting-Master Jenis Kegiatan- 612	1	0	0.00%	60.00	60	60	60.00	60.00	60.00	60.00	16.67	25.39	78.52
Setting-Master Kategori RUPS	1	0	0.00%	264.00	264	264	264.00	264.00	264.00	264.00	3.79	6.53	20.25
Setting-Master Kategori RUPS- 610	1	0	0.00%	50.00	50	50	50.00	50.00	50.00	50.00	20.00	23.07	94.12
Setting-Master Kategori RUPS- 611	1	0	0.00%	214.00	214	214	214.00	214.00	214.00	214.00	4.67	2.67	2.99
Setting-Master Rekomendasi	3	0	0.00%	574.67	22	1388	314.00	1388.00	1388.00	1388.00	1.74	1.20	3.17
Setting-Master Rekomendasi- 606	1	0	0.00%	22.00	22	22	22.00	22.00	22.00	22.00	45.45	53.93	214.80
Setting-Master Rekomendasi- 607	1	0	0.00%	314.00	314	314	314.00	314.00	314.00	314.00	3.18	0.85	0.81
Setting-Master Rekomendasi- 608	1	0	0.00%	1388.00	1388	1388	1388.00	1388.00	1388.00	1388.00	0.72	0.45	0.35
Setting-Master Temuan	1	0	0.00%	28.00	28	28	28.00	28.00	28.00	28.00	35.71	48.06	168.42
Setting-Master Temuan-609	1	0	0.00%	28.00	28	28	28.00	28.00	28.00	28.00	35.71	48.06	168.42
Setting-Role	1	0	0.00%	21.00	21	21	21.00	21.00	21.00	21.00	47.62	63.15	223.31
Setting-Role-601	1	0	0.00%	21.00	21	21	21.00	21.00	21.00	21.00	47.62	63.15	223.31
Setting-User	1	0	0.00%	294.00	294	294	294.00	294.00	294.00	294.00	3.40	346.35	31.99
Setting-User-602	1	0	0.00%	23.00	23	23	23.00	23.00	23.00	23.00	43.48	57.66	204.57
Setting-User-603	1	0	0.00%	271.00	271	271	271.00	271.00	271.00	271.00	3.69	370.85	17.35

Tabel 2. Statistik Hasil Pengujian

3. Response Time



Grafik 1. Response Time



Tanggal : 22 Januari 2024
Klasifikasi : RAHASIA
Terbitan : 1
Revisi : 0
Halaman : 18 dari 18

4. ERROR

Berikut error yang didapatkan setelah melakukan *loadtest* dengan 1 user secara concurrent

Top 5 Errors by sampler												
Sample 🏝	#Samples ◆	#Errors ♦	Error \$	#Errors \$	Error \$	#Errors \$	Error \$	#Errors \$	Error \$	#Errors \$	Error \$	#Errors \$
Total	134	4	400/Bad Request	4								
Konsultasi-597	1	1	400/Bad Request	1								
Repositori File- 600	1	1	400/Bad Request	1								
RUPS-594	1	1	400/Bad Request	1								
Setting- Departemen- 605	1	1	400/Bad Request	1								

Tabel 3. Top Errors by Sampler

VI. KESIMPULAN DAN REKOMENDASI

Dari hasil pengujian *Load Test* diketahui bahwa server dari aplikasi mendapatkan nilai **APDEX 0.935** dan mampu melayani total **16.08** transaksi dalam 1 detik dengan skenario 1 akses user secara simultan/concurrent dengan besaran transmit data total **590.63 KB/sec** received dan **72.01 KB/sec** sent yang juga dapat diartikan bahwa spesifikasi existing dari server yang telah disepakati oleh BPO dan tim TI telah sesuai dengan kebutuhan aplikasi.

Untuk beberapa error pada proses pengujian sesuai dengan tabel 3, direkomendasikan untuk melakukan optimasi pada query database dan cleaning code agar proses transaksi pada aplikasi dapat berjalan dengan lebih efisien.