PAPARAN TEKNIS APPLIKASI ANBK

Hotel Harper Purwakarta

Kamis s.d Sabtu, 4 s.d 6 Maret 2021

PUSAT ASESMEN DAN PEMBELAJARAN

KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN

KEMENTERIAN
PENDIDIKAN DAN KEBUDAYAAN

Persiapan Tempat Pelaksana ANBK

- Komputer/PC Proktor
- Komputer/PC/Laptop Klien
- WebCam (Optional)
- Mengkonfigurasi jaringan local untuk klien menggunakan kabel (LAN)
- Mengkonfigurasi jaringan internet untuk PC Proktor (WIFI/LAN)

Hardware

- Aplikasi VirtualBox 6.1.18
- Aplikasi VHD versi 12.9.9.2 (FRESH)
- Aplikasi Browser Google Chrome
- Aplikasi Exambrowser Klien versi 21.0303
- Aplikasi ExambroAdmin versi 27.11.19

Prerequisites

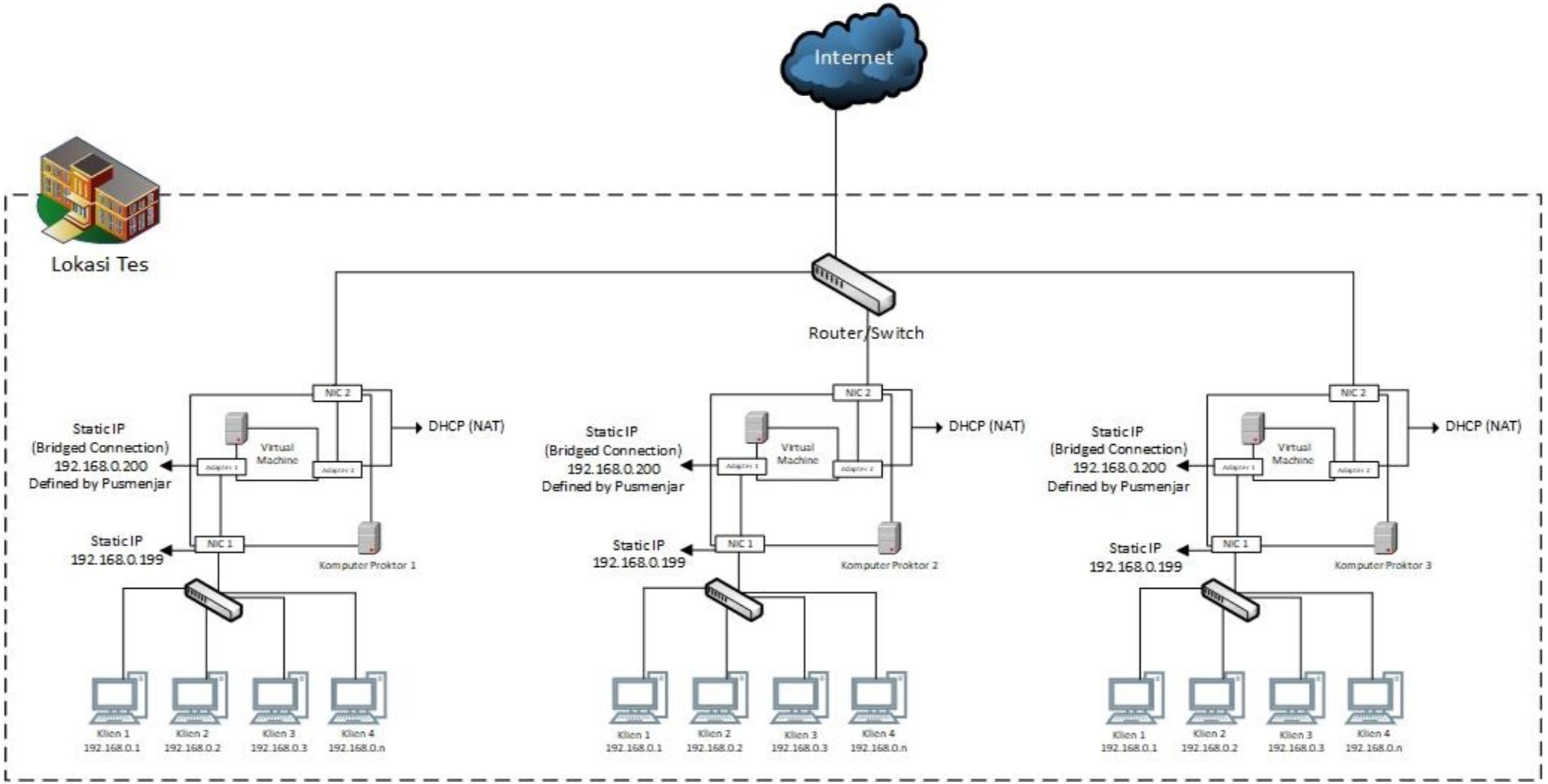
SPESIFIKASI MINIMUM KOMPUTER PROKTOR

- PC/Tower/Desktop (bukan laptop)
- Processor dengan 4 core dan frekuensi clock 1.6 GHz 64 Bit
- RAM 8 GB (Dengan VM RAM 4 GB)
- Harddisk 250 GB
- Browser Chrome versi 67 (ExambroAdmin)
- Operating System (64 bit): *Windows 7(tidak di rekomendasikan)/Windows 8.1/Windows 10*
- *LAN CARD dua unit (satu ke jaringan internet dan satu ke Jaringan lokal)*
- *UPS (tahan 15 menit)*
- Jumlah server mengikuti rasio 1 : 15 Cadangan 1 *server*

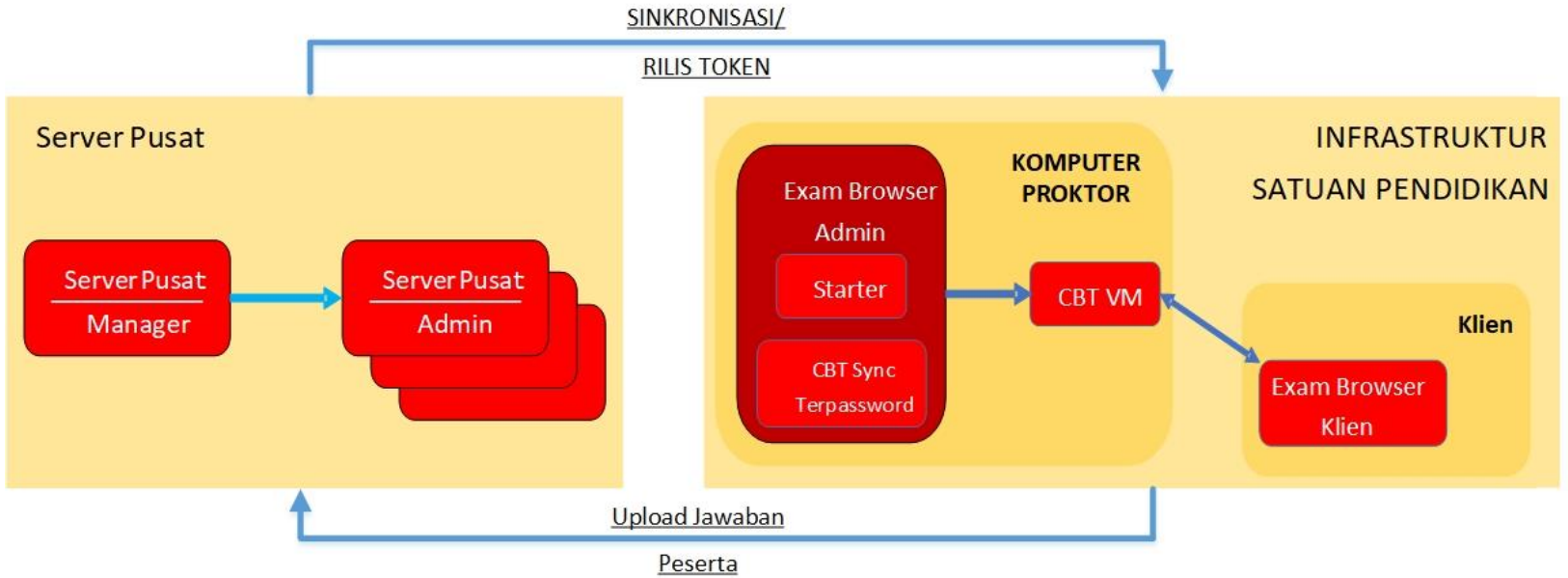
SPESIFIKASI MINIMUM KOMPUTER KLIEN

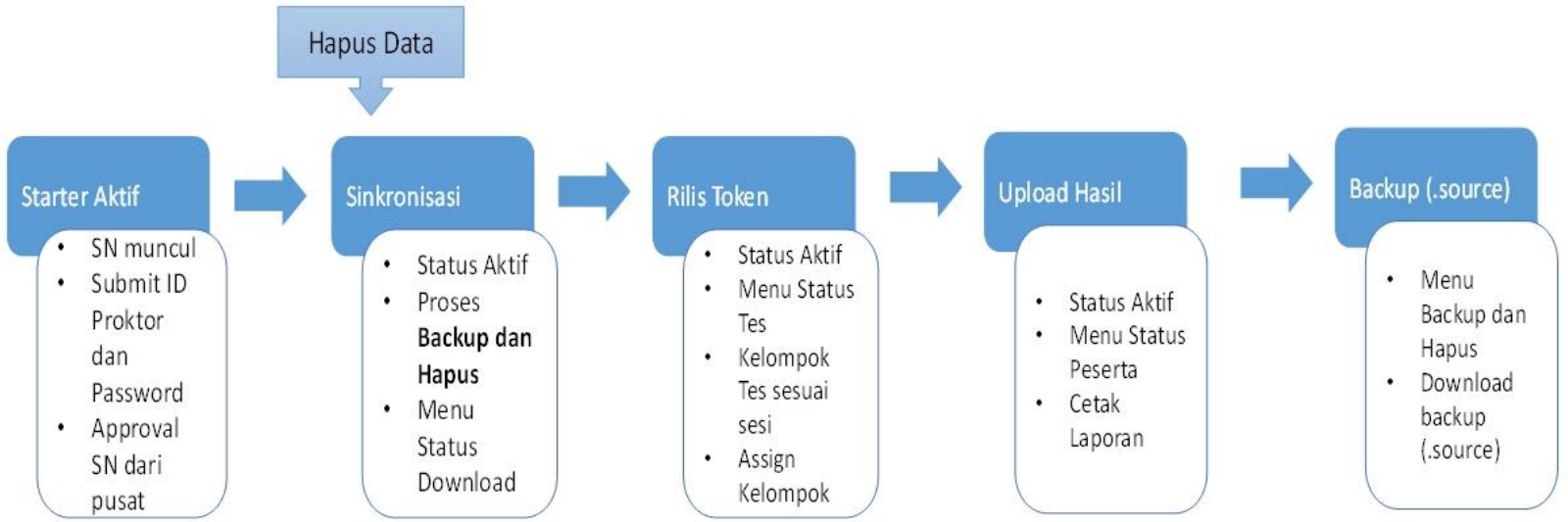
- PC, Laptop
- Monitor minimal 12 inch
- Processor Single core dengan frekuensi clock 400 MHz
- RAM minimal 512 MB
- Resolusi Layar Minimal 1024 x 720 pixel
- WebCam (Optional)
- Operating System: *Windows 7/Windows 8.1/Windows 10/Linux/MacOs*
- *Hardisk minimal tersedia 10 GB (free space)*
- *LAN Card*
- Jumlah *client* mengikuti rasio 1 : 2 (1 *client* untuk 2 peserta)
- cadangan minimal 10%.

TOPOLOGI APLIKASI ANBK

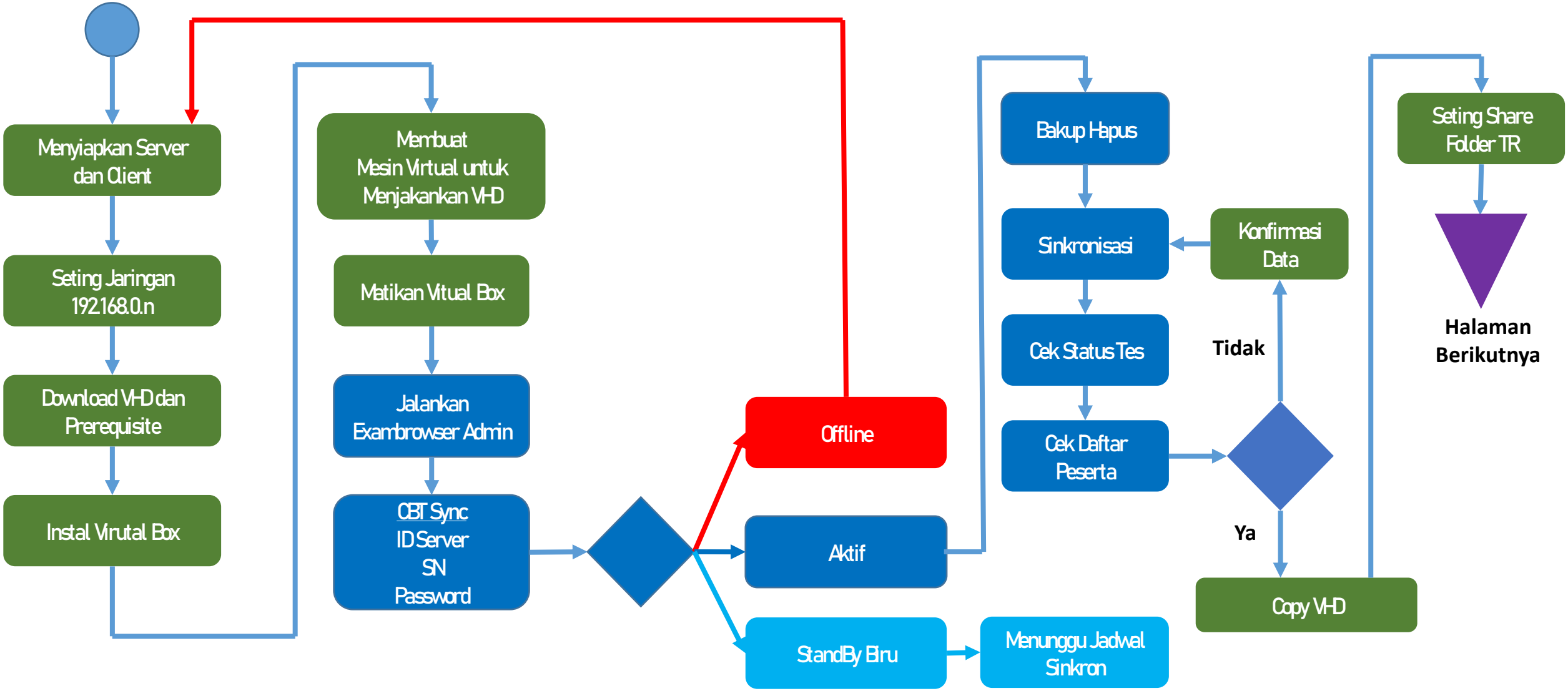


MEKANISME MENJALANKAN APLIKASI ANBK

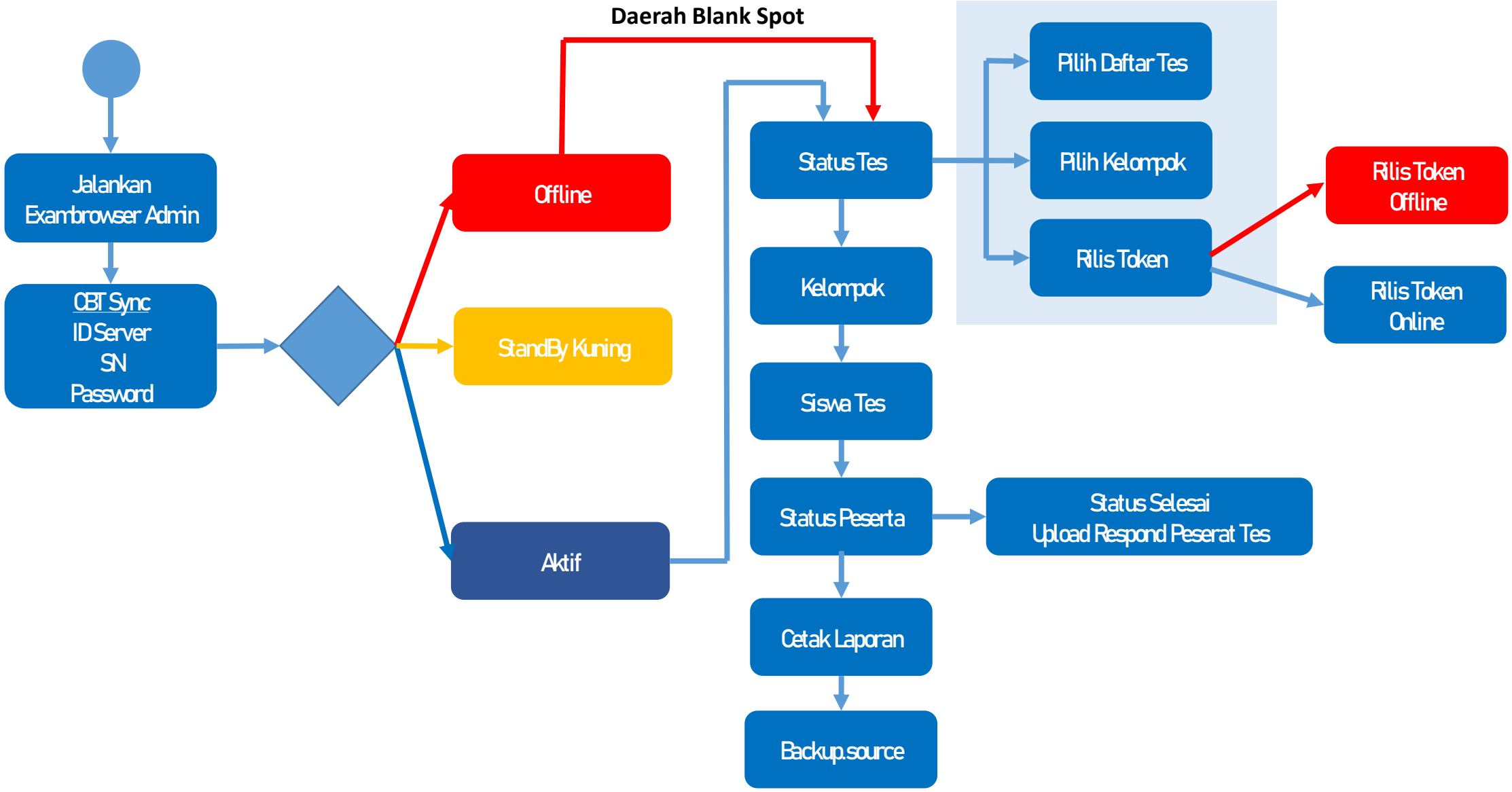




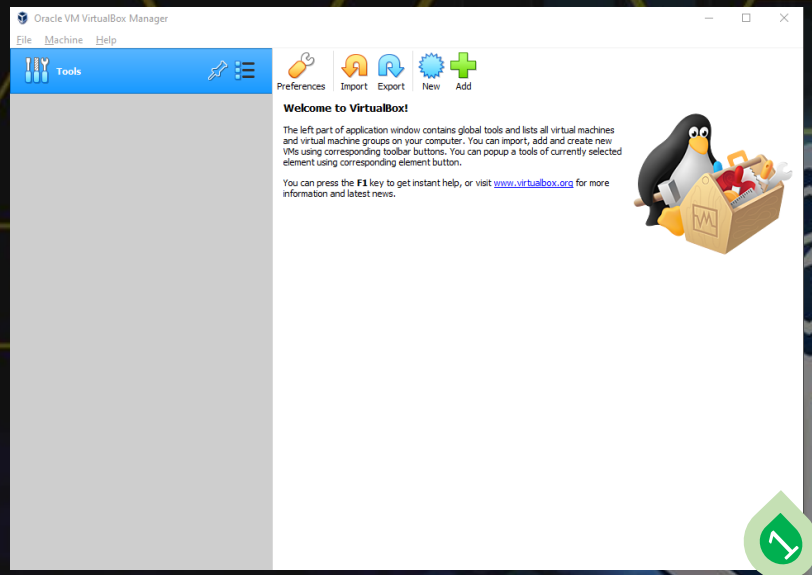
Flow Chart Menjalankan Applikasi ANBK

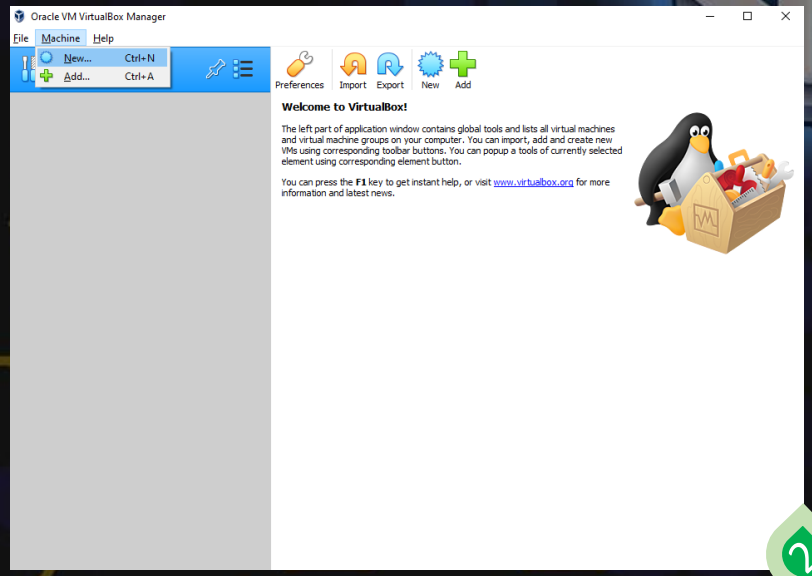


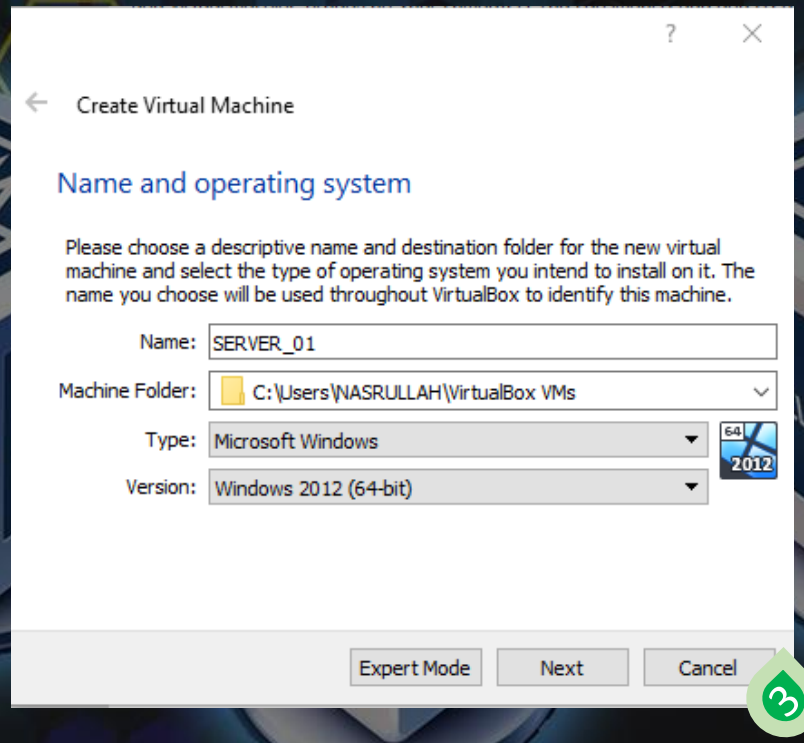
Flow Chart Menjalankan Applikasi ANBK

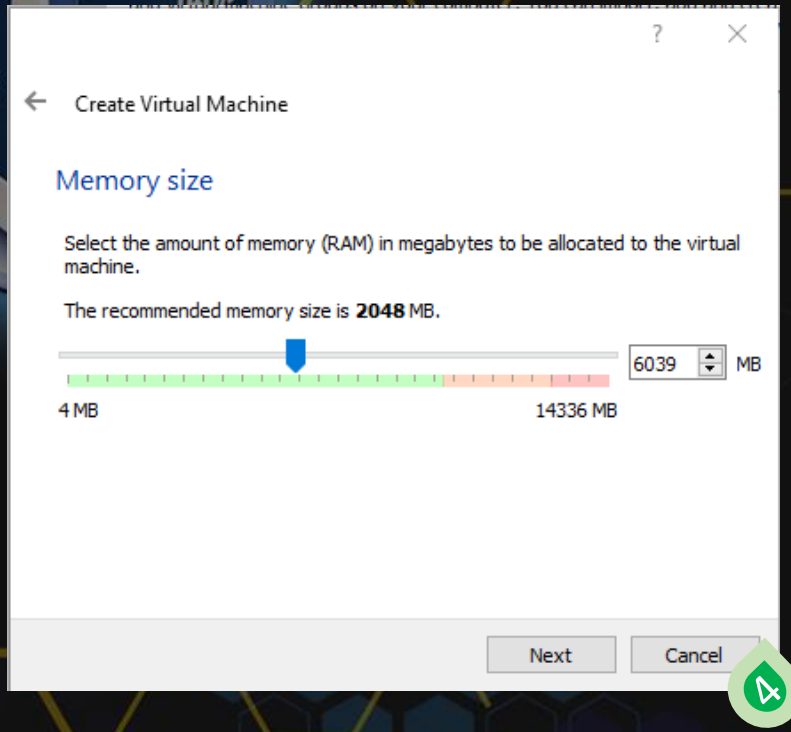


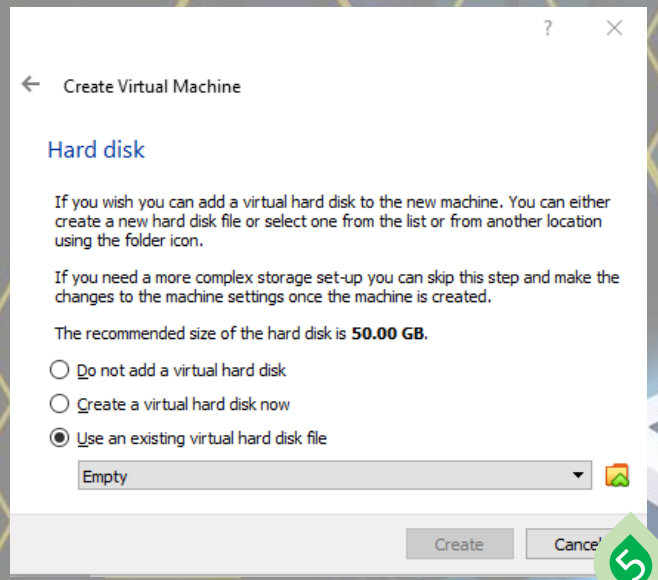
MEMBUAT VIRTUAL MACHINE VIRTUAL BOX



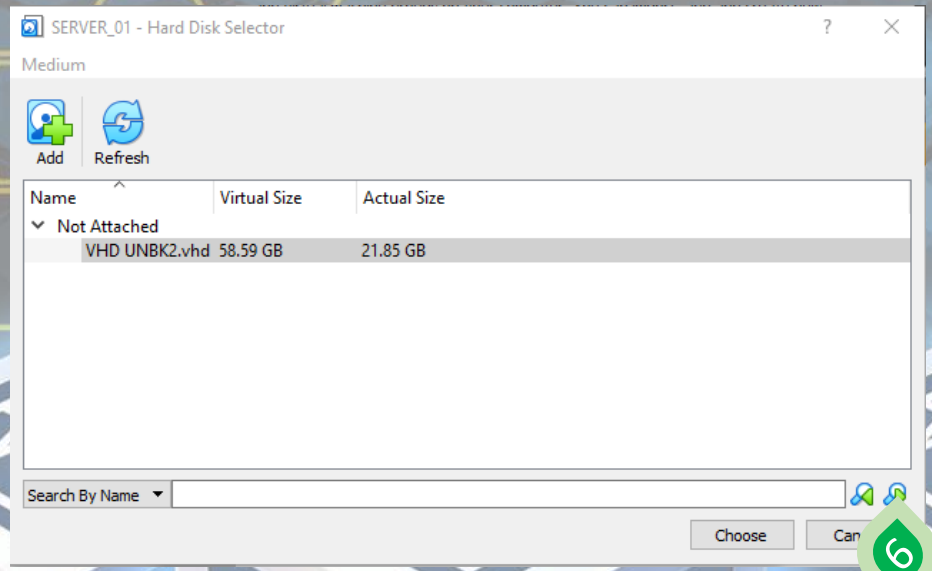




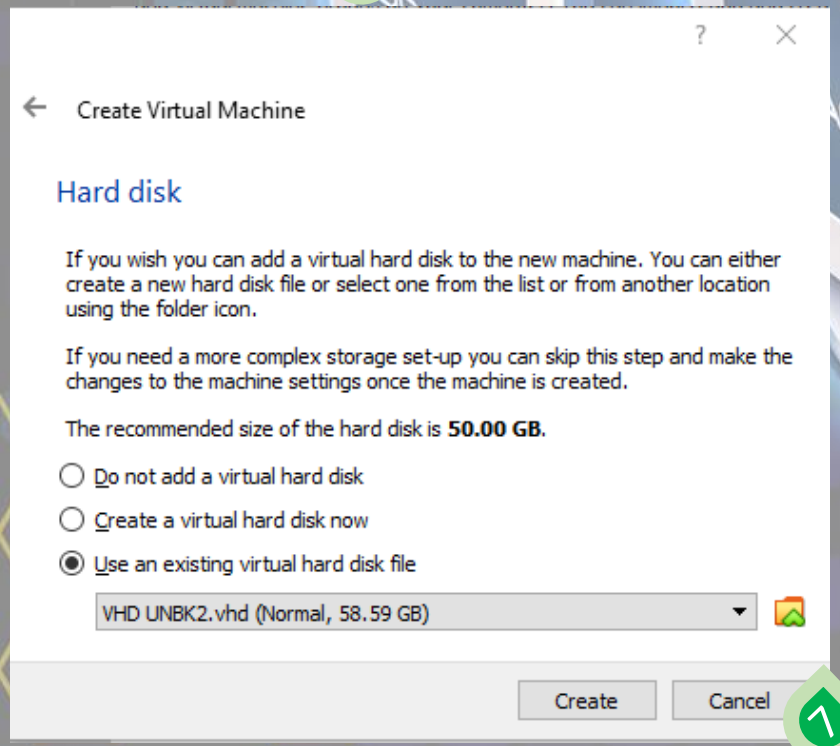



Create Virtual Machine
Hard disk
If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select one from the list or from another location using the folder icon.
If you need a more complex storage set-up you can skip this step and make the changes to the machine settings once the machine is created.
The recommended size of the hard disk is 50.00 GB.
Do not add a virtual hard disk
Create a virtual hard disk now
Use an existing virtual hard disk file
Empty
Create
Cance

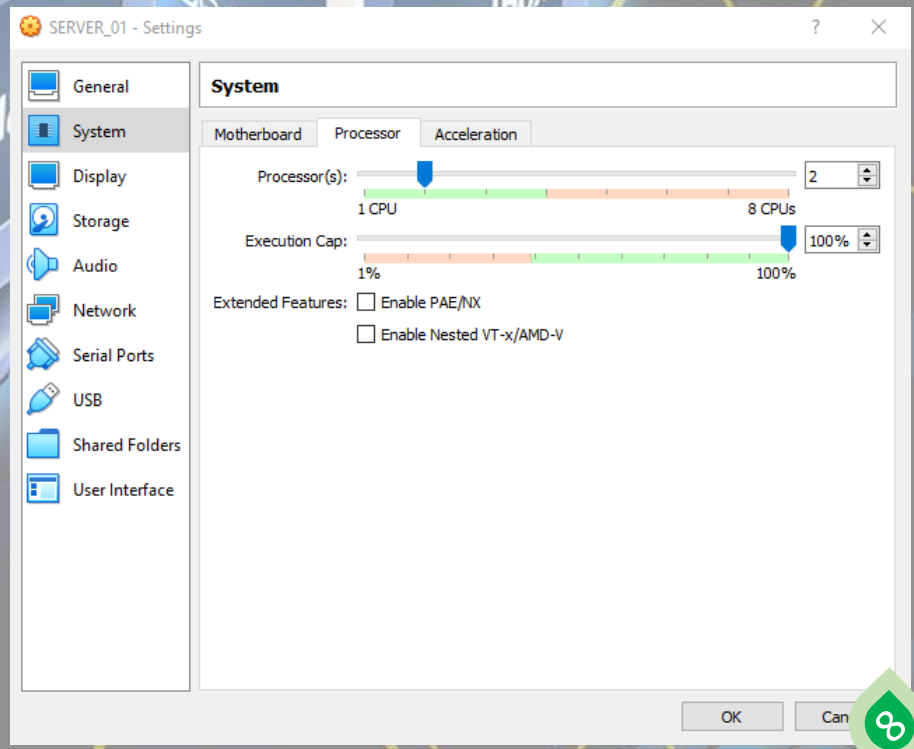
5


SERVER_01 - Hard Disk Selector
Medium
Add
Refresh
Name
Virtual Size
Actual Size
Not Attached
VHD UNBK2.vhd 58.59 GB 21.85 GB
Search By Name
Choose
Can

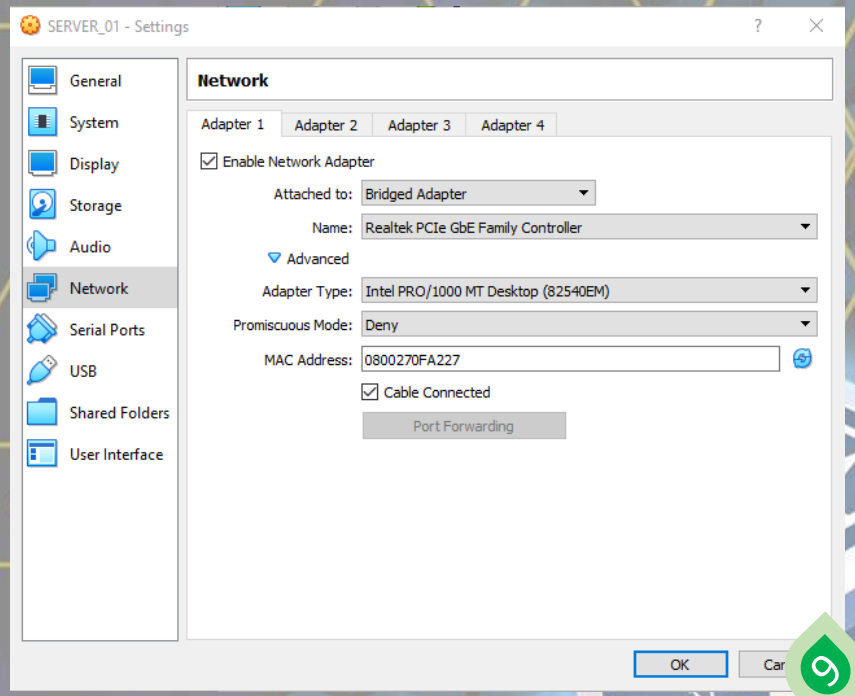
6

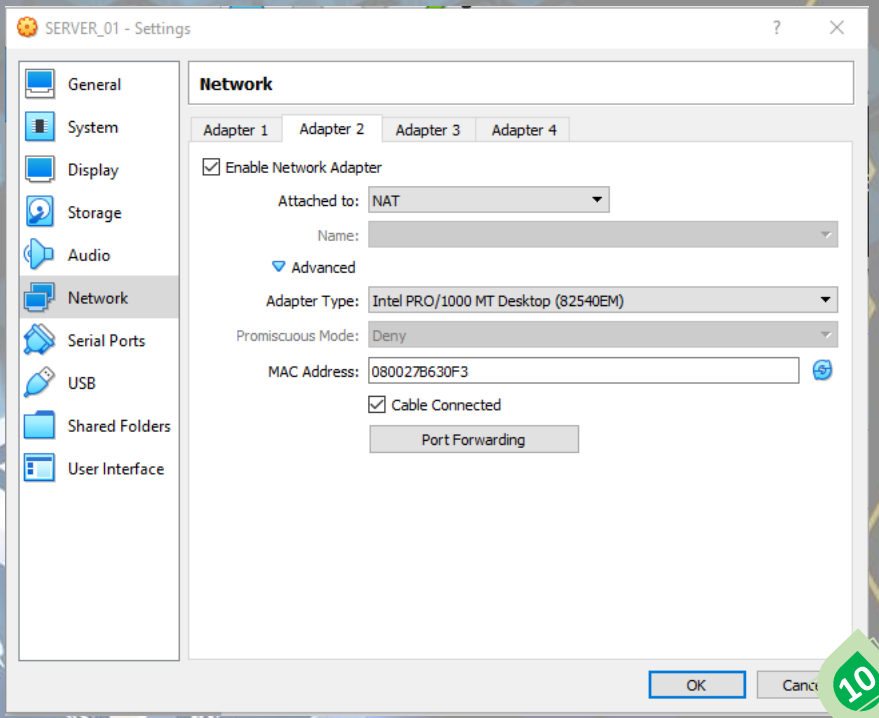

Create Virtual Machine
Hard disk
If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select one from the list or from another location using the folder icon.
If you need a more complex storage set-up you can skip this step and make the changes to the machine settings once the machine is created.
The recommended size of the hard disk is 50.00 GB.
Do not add a virtual hard disk
Create a virtual hard disk now
Use an existing virtual hard disk file
VHD UNBK2.vhd (Normal, 58.59 GB)
Create
Cancel

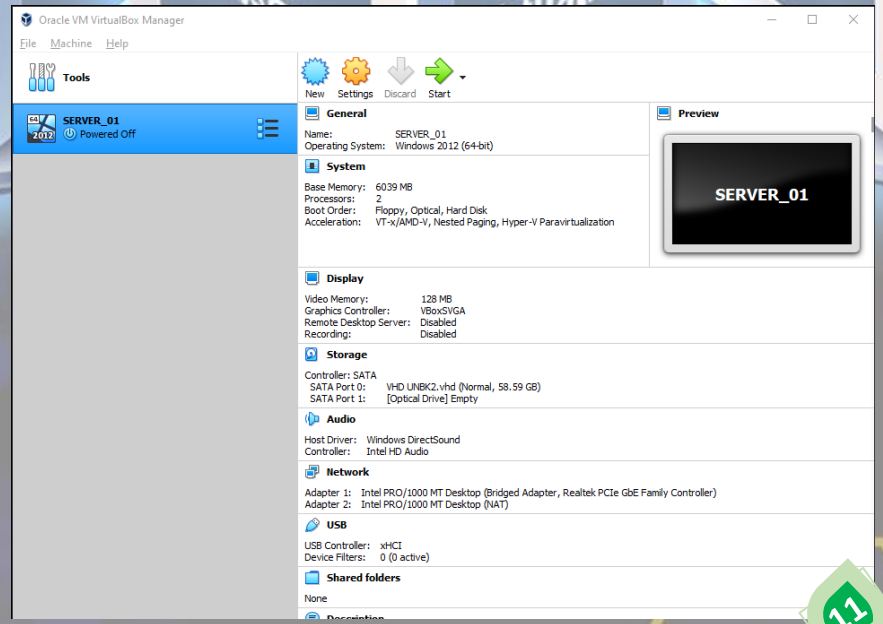
7


SERVER_01 - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
System
Motherboard
Processor
Acceleration
Processor(s):
2
1 CPU
8 CPUs
Execution Cap:
100%
1%
100%
Extended Features:
Enable PAE/NX
Enable Nested VT-x/AMD-V
OK
Can

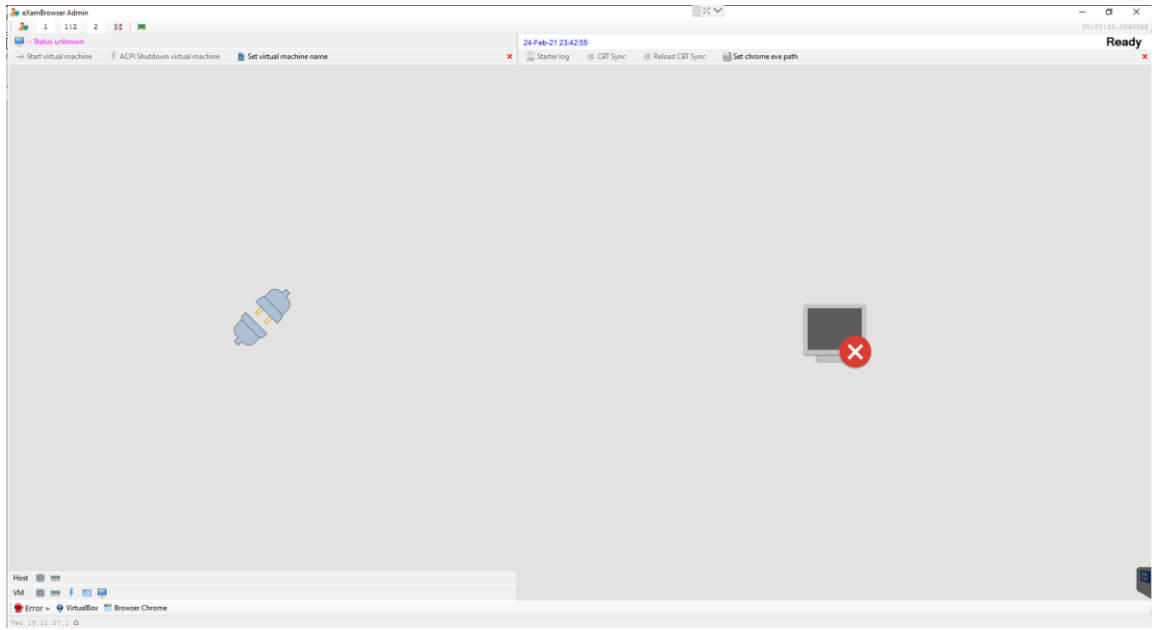
8

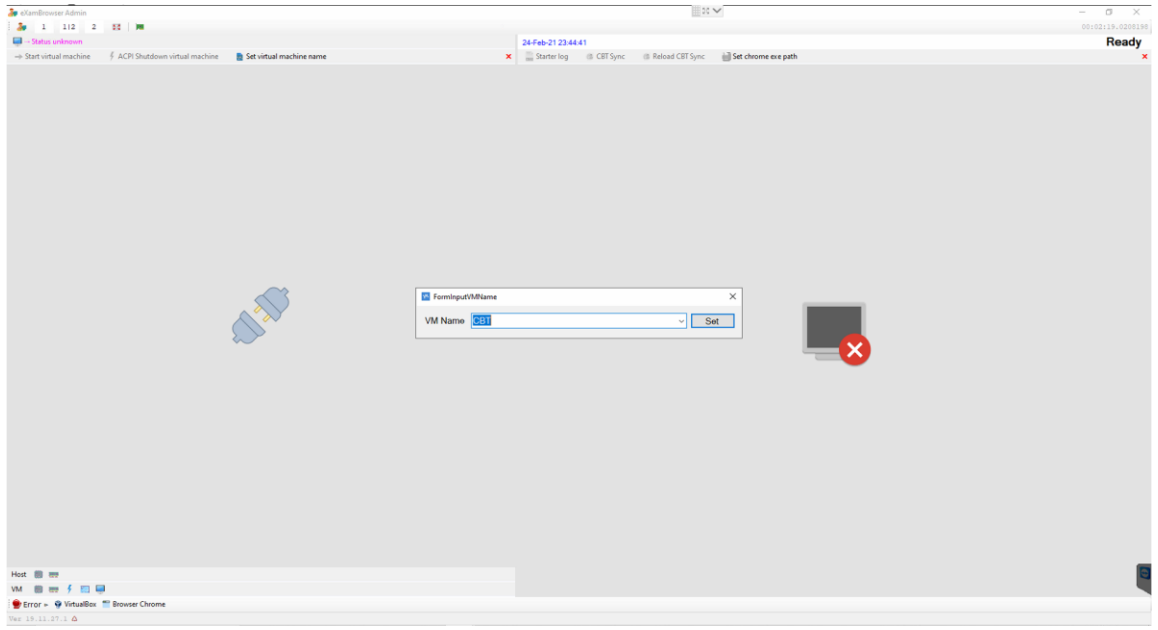

SERVER_01 - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
Network
Adapter 1
Adapter 2
Adapter 3
Adapter 4
Enable Network Adapter
Attached to: Bridged Adapter
Name: Realtek PCIe GbE Family Controller
Advanced
Adapter Type: Intel PRO/1000 MT Desktop (82540EM)
Promiscuous Mode: Deny
MAC Address: 0800270FA227
Cable Connected
Port Forwarding
OK
9

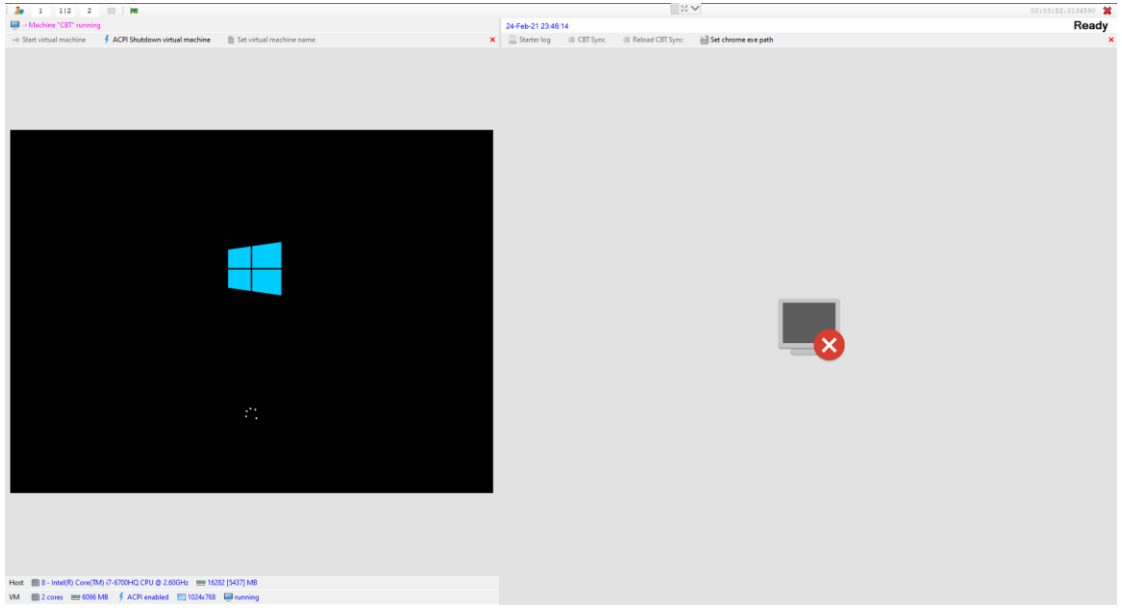

SERVER_01 - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
Network
Adapter 1
Adapter 2
Adapter 3
Adapter 4
Enable Network Adapter
Attached to: NAT
Name:
Advanced
Adapter Type: Intel PRO/1000 MT Desktop (82540EM)
Promiscuous Mode: Deny
MAC Address: 080027B630F3
Cable Connected
Port Forwarding
OK
10

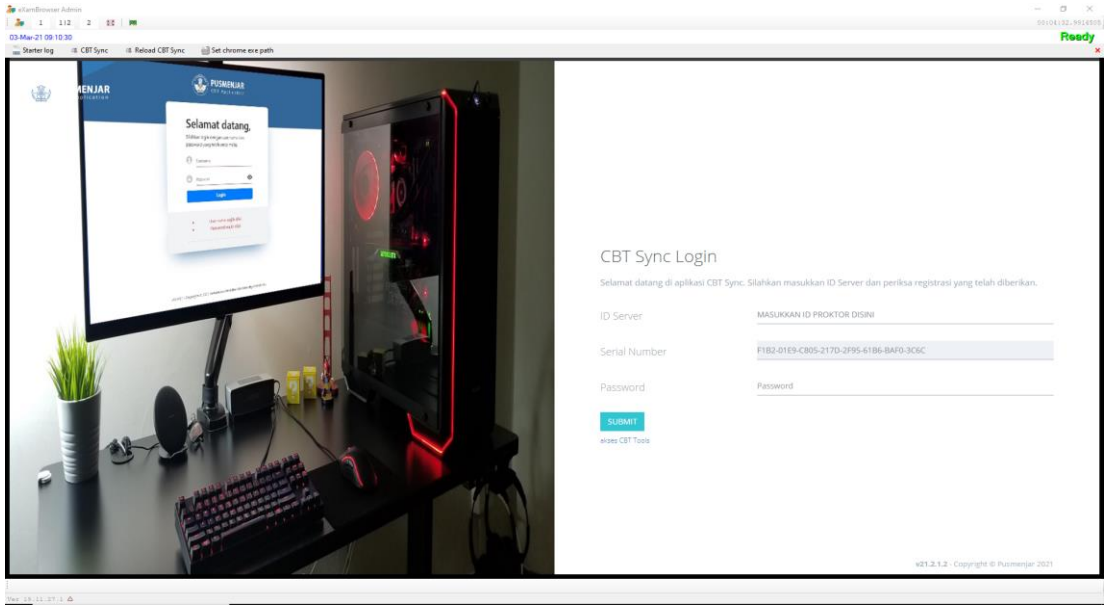

Oracle VM VirtualBox Manager
File Machine Help
Tools
New Settings Discard Start
SERVER_01
Powered Off
General
Name: SERVER_01
Operating System: Windows 2012 (64-bit)
System
Base Memory: 6039 MB
Processors: 2
Boot Order: Floppy, Optical, Hard Disk
Acceleration: VT-x/AMD-V, Nested Paging, Hyper-V Paravirtualization
Preview
SERVER_01
Display
Video Memory: 128 MB
Graphics Controller: VBoxSVGA
Remote Desktop Server: Disabled
Recording: Disabled
Storage
Controller: SATA
SATA Port 0: VHD UNBK2.vhd (Normal, 58.59 GB)
SATA Port 1: [Optical Drive] Empty
Audio
Host Driver: Windows DirectSound
Controller: Intel HD Audio
Network
Adapter 1: Intel PRO/1000 MT Desktop (Bridged Adapter, Realtek PCIe GbE Family Controller)
Adapter 2: Intel PRO/1000 MT Desktop (NAT)
USB
USB Controller: xHCI
Device Filters: 0 (0 active)
Shared folders
None
11

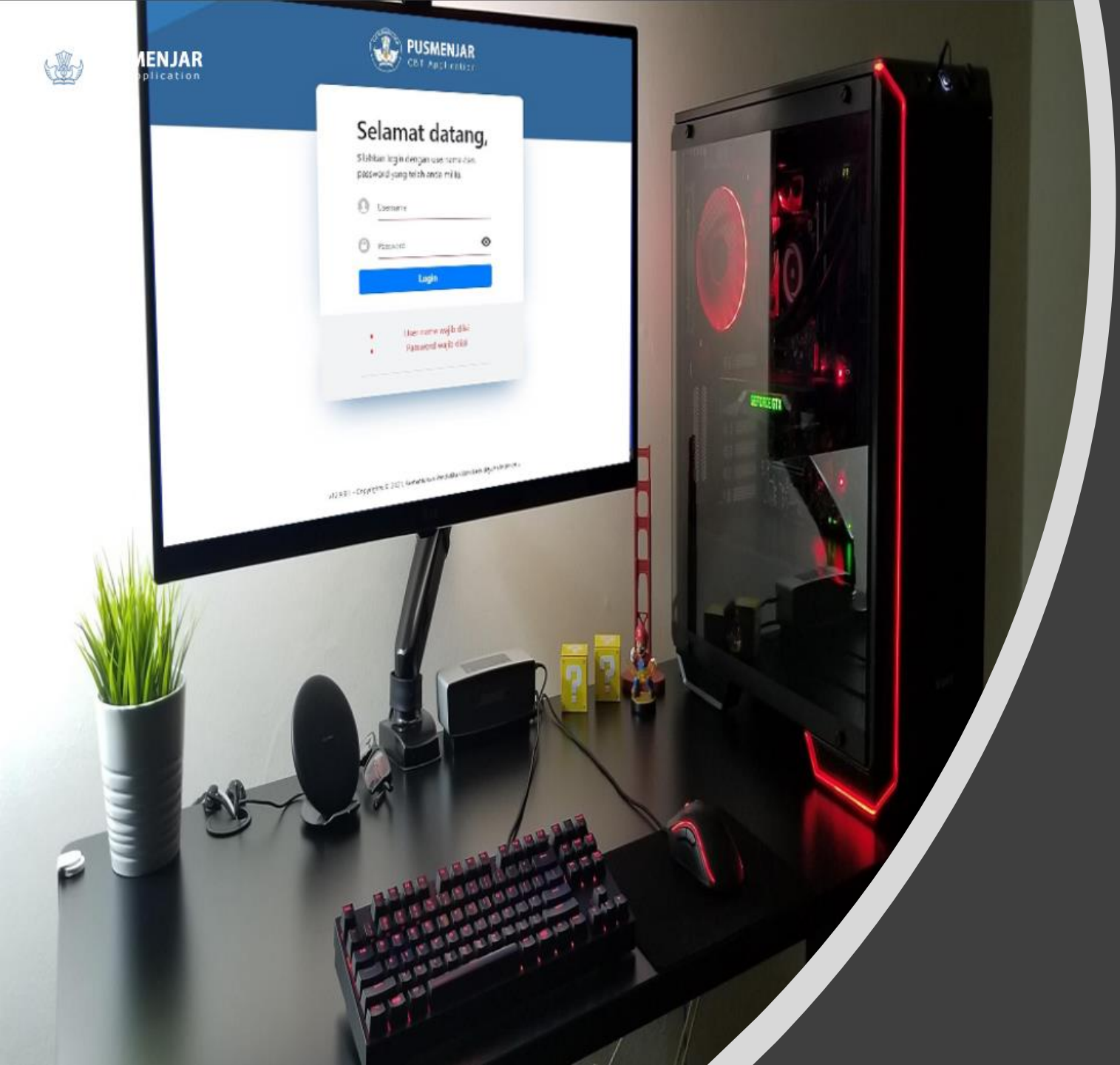
ExamBrowser Admin






Ready
Start virtual machine
ACPI Shutdown virtual machine
Set virtual machine name
Starter log
CBT Sync
Reload CBT Sync
Set chrome exe path


Ready
Starter log
CBT Sync
Reload CBT Sync
Set chrome exe path
Selamat datang,
CBT Sync Login
Selamat datang di aplikasi CBT Sync. Silahkan masukkan ID Server dan periksa registrasi yang telah diberikan.
ID Server
MASUKKAN ID PROKTOR DISINI
Serial Number
Password
SUBMIT



CBTSYNC ADMIN

Dashboard

STANDBY

Akses ke Server Pusat Ditutup SN sudah terdaftar di server pusat

ID SERVER : K35350001-A55K

Dashboard

STANDBY

ID Server / SN tidak sesuai dengan data server pusat

ID SERVER : K35350001-A55K

Dashboard

OFFLINE

CBTSync tidak terkoneksi ke server pusat

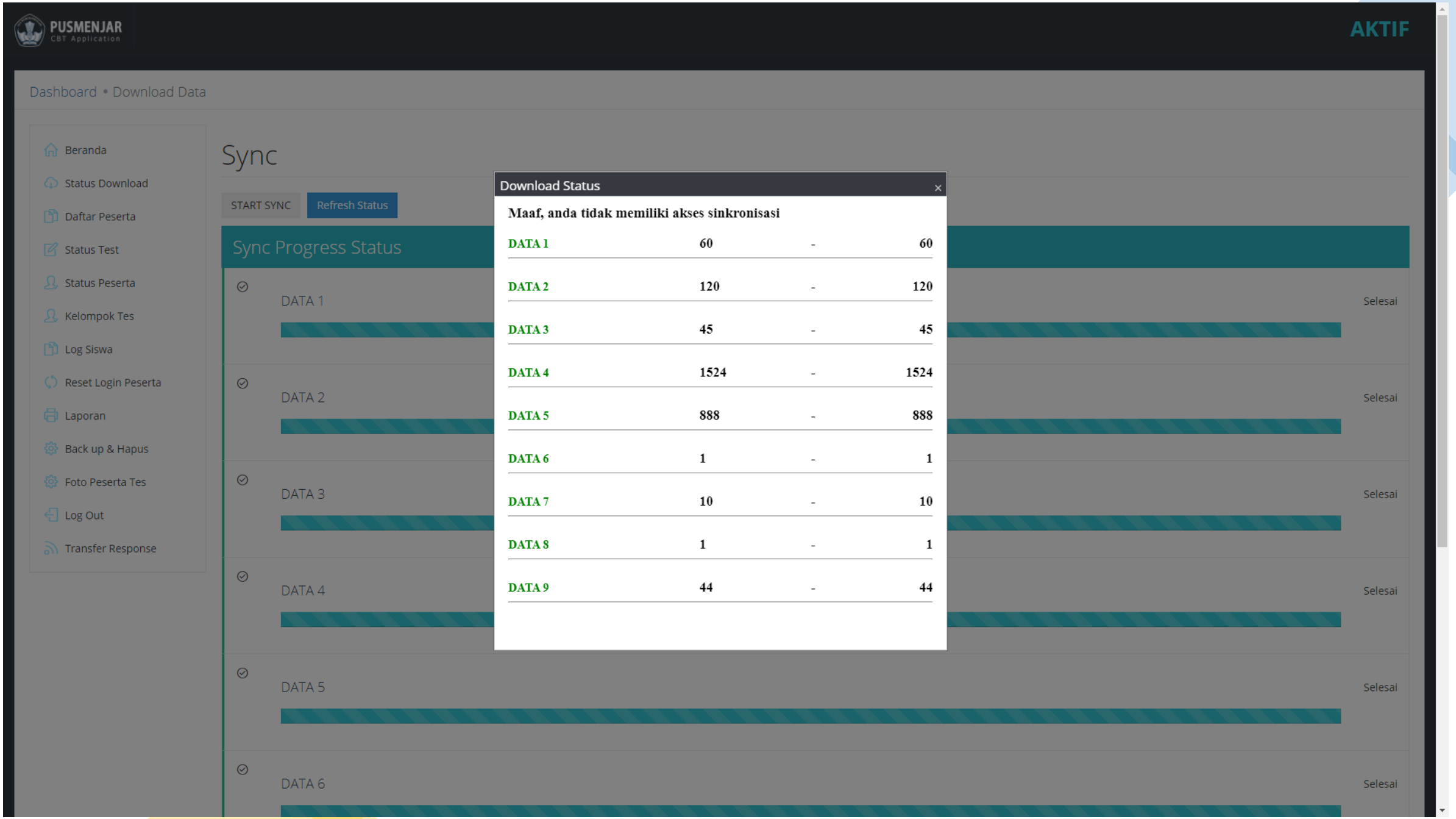
ID SERVER : K35350001-A55K

Dashboard

AKTIF

CBTSync siap digunakan

ID SERVER : K35350001-A55K


PUSMENJAR
CBT Application
AKTIF
Dashboard • Download Data
Beranda
Status Download
Daftar Peserta
Status Test
Status Peserta
Kelompok Tes
Log Siswa
Reset Login Peserta
Laporan
Back up & Hapus
Foto Peserta Tes
Log Out
Transfer Response
Sync
START SYNC
Refresh Status
Sync Progress Status
DATA 1
Selesai
DATA 2
Selesai
DATA 3
Selesai
DATA 4
Selesai
DATA 5
Selesai
DATA 6
Selesai
Download Status
Maaf, anda tidak memiliki akses sinkronisasi
DATA 1 60 - 60
DATA 2 120 - 120
DATA 3 45 - 45
DATA 4 1524 - 1524
DATA 5 888 - 888
DATA 6 1 - 1
DATA 7 10 - 10
DATA 8 1 - 1
DATA 9 44 - 44

PUSMENJAR
CBT Application

AKTIF

Dashboard • Daftar Peserta

- Beranda
- Status Download
- Daftar Peserta
- Status Test
- Status Peserta
- Kelompok Tes
- Log Siswa
- Reset Login Peserta
- Laporan
- Back up & Hapus
- Foto Peserta Tes
- Log Out
- Transfer Response

Daftar Peserta

No	User name	Nama	Kelompok	NIK
238424	3353500010059	Peserta 59	1, 1	3353500010059
238425	3353500010060	Peserta 60	1, 1	3353500010060
238426	3353500010001	Peserta 01	1, 1	3353500010001
238427	3353500010002	Peserta 02	1, 1	3353500010002
238428	3353500010003	Peserta 03	1, 1	3353500010003
238429	3353500010004	Peserta 04	1, 1	3353500010004
238430	3353500010005	Peserta 05	1, 1	3353500010005
238431	3353500010006	Peserta 06	1, 1	3353500010006
238432	3353500010007	Peserta 07	1, 1	3353500010007
238433	3353500010008	Peserta 08	1, 1	3353500010008
238434	3353500010009	Peserta 09	1, 1	3353500010009
238435	3353500010010	Peserta 10	1, 1	3353500010010
238436	3353500010011	Peserta 11	1, 1	3353500010011
238437	3353500010012	Peserta 12	1, 1	3353500010012
238438	3353500010013	Peserta 13	1, 1	3353500010013
238439	3353500010014	Peserta 14	1, 1	3353500010014
238440	3353500010015	Peserta 15	1, 1	3353500010015
238441	3353500010016	Peserta 16	1, 1	3353500010016
238442	3353500010017	Peserta 17	1, 1	3353500010017
238443	3353500010018	Peserta 18	1, 1	3353500010018
238444	3353500010019	Peserta 19	1, 1	3353500010019
238445	3353500010020	Peserta 20	1, 1	3353500010020
238446	3353500010021	Peserta 21	1, 1	3353500010021

PUSMENJAR
CBT Application

AKTIF

Dashboard • Status Tes

- Beranda
- Status Download
- Daftar Peserta
- Status Test
- Status Peserta
- Kelompok Tes
- Log Siswa
- Reset Login Peserta
- Laporan
- Back up & Hapus
- Foto Peserta Tes
- Log Out
- Transfer Response

Status Tes

Status: **BELUM MULAI**

Daftar Tes: UCAKM2021

Kelompok: 1

Token: DNFLUN - Updated : 10:35:43 - interval : 15 menit.

00:00:25

PUSMENJAR
CBT Application

AKTIF

Dashboard • Status Peserta

- Beranda
- Status Download
- Daftar Peserta
- Status Test
- Status Peserta
- Kelompok Tes
- Log Siswa
- Reset Login Peserta
- Laporan
- Back up & Hapus
- Foto Peserta Tes
- Log Out
- Transfer Response

Status Peserta

Jumlah Peserta
60 peserta login.

Pilih Peserta | Upload Hasil

Is Checked	Status Upload	Username	Nama Peserta	Subtes Terakhir	Aktifitas Terakhir	Sisa Waktu	Status
☐	Belum Terupload	3353500010057	Peserta 57	NUMUAAU	03/02/2021 10:57 AM	5228	Tes sedang dikerjakan
☐	Belum Terupload	3353500010058	Peserta 58	NUMUAAU	03/02/2021 11:23 AM	5345	Tes Selesai

PUSMENJAR
CBT Application

AKTIF

Dashboard • Kelompok Tes

- Beranda
- Status Download
- Daftar Peserta
- Status Test
- Status Peserta
- Kelompok Tes
- Log Siswa
- Reset Login Peserta
- Laporan
- Back up & Hapus
- Foto Peserta Tes
- Log Out
- Transfer Response

Kelompok Tes

Jumlah Peserta
60 peserta login.

Save changes | Cancel changes | Assign All | Reset All | UnAssign

Aktif	Kode Tes	User Name	Nama Peserta	Kelompok
is true is false				
☑	UCAKM2021	3353500010059	Peserta 59	1
☑	UCAKM2021	3353500010060	Peserta 60	1
☑	UCAKM2021	3353500010001	Peserta 01	1
☑	UCAKM2021	3353500010002	Peserta 02	1
☑	UCAKM2021	3353500010003	Peserta 03	1
☑	UCAKM2021	3353500010004	Peserta 04	1
☑	UCAKM2021	3353500010005	Peserta 05	1
☑	UCAKM2021	3353500010006	Peserta 06	1
☑	UCAKM2021	3353500010007	Peserta 07	1
☑	UCAKM2021	3353500010008	Peserta 08	1
☑	UCAKM2021	3353500010009	Peserta 09	1
☑	UCAKM2021	3353500010010	Peserta 10	1
☑	UCAKM2021	3353500010011	Peserta 11	1
☑	UCAKM2021	3353500010012	Peserta 12	1
☑	UCAKM2021	3353500010013	Peserta 13	1
☑	UCAKM2021	3353500010014	Peserta 14	1
☑	UCAKM2021	3353500010015	Peserta 15	1
☑	UCAKM2021	3353500010016	Peserta 16	1
☑	UCAKM2021	3353500010017	Peserta 17	1
☑	UCAKM2021	3353500010018	Peserta 18	1

1 2 3

1 - 20 of 60 items

PUSMENJAR
CBT Application

AKTIF

Dashboard • Password Approval

- Beranda
- Status Download
- Daftar Peserta
- Status Test
- Status Peserta
- Kelompok Tes
- Log Siswa
- Reset Login Peserta
- Laporan
- Back up & Hapus
- Foto Peserta Tes
- Log Out
- Transfer Response

Password Approval

Jumlah Peserta

60 peserta login.

Password

Submit

PUSMENJAR
CBT Application

AKTIF

Dashboard • Reset Peserta

- Beranda
- Status Download
- Daftar Peserta
- Status Test
- Status Peserta
- Kelompok Tes
- Log Siswa
- Reset Login Peserta
- Laporan
- Back up & Hapus
- Foto Peserta Tes
- Log Out
- Transfer Response

Reset Login Peserta

Jumlah Peserta
60 peserta login.

Reset Peserta

	Nama User	Nama Peserta
☐	3353500010057	Peserta 57

1 - 1 of 1 items

PUSMENJAR
CBT Application

AKTIF

Dashboard • Laporan

- Beranda
- Status Download
- Daftar Peserta
- Status Test
- Status Peserta
- Kelompok Tes
- Log Siswa
- Reset Login Peserta
- Laporan
- Back up & Hapus
- Foto Peserta Tes
- Log Out
- Transfer Response

Laporan

Jumlah Peserta
60 peserta login.

Server Lokal Id
K35350001-A55K

Kode Tes
UCAKM2021

Nama Sekolah
PERCOBAAN

Jumlah Peserta Tercatat
60

Jumlah Peserta yang Menyelesaikan
2

Jumlah Peserta Sebenarnya
2

Tanggal
3/2/2021

Keterangan
Data Laporan - K35350001-A55K - UCAKM2021 - 3/2/2021

Nama Proktor

Nama Pengawas

CETAK

PUSMENJAR
CBT Application

AKTIF

Dashboard • Backup dan Hapus

- Beranda
- Status Download
- Daftar Peserta
- Status Test
- Status Peserta
- Kelompok Tes
- Log Siswa
- Reset Login Peserta
- Laporan
- Back up & Hapus
- Foto Peserta Tes
- Log Out
- Transfer Response

Backup dan Hapus

Backup

Hapus

BACKUP SUDAH SELESAI, SILAHKAN MENDOWNLOAD DATA DENGAN KLIK DISINI

PUSMENJAR
CBT Application

AKTIF

Dashboard • Transfer Response

- Beranda
- Status Download
- Daftar Peserta
- Status Test
- Status Peserta
- Kelompok Tes
- Log Siswa
- Reset Login Peserta
- Laporan
- Back up & Hapus
- Foto Peserta Tes
- Log Out
- Transfer Response

Transfer Response

Pengaturan

Folder Dump:

D:\VMLog\DumpTR

UserName:

UserName

Password:

Password

Server IP:

Simpan

Upload Transfer Response

Source file yang akan di upload:

Select files...

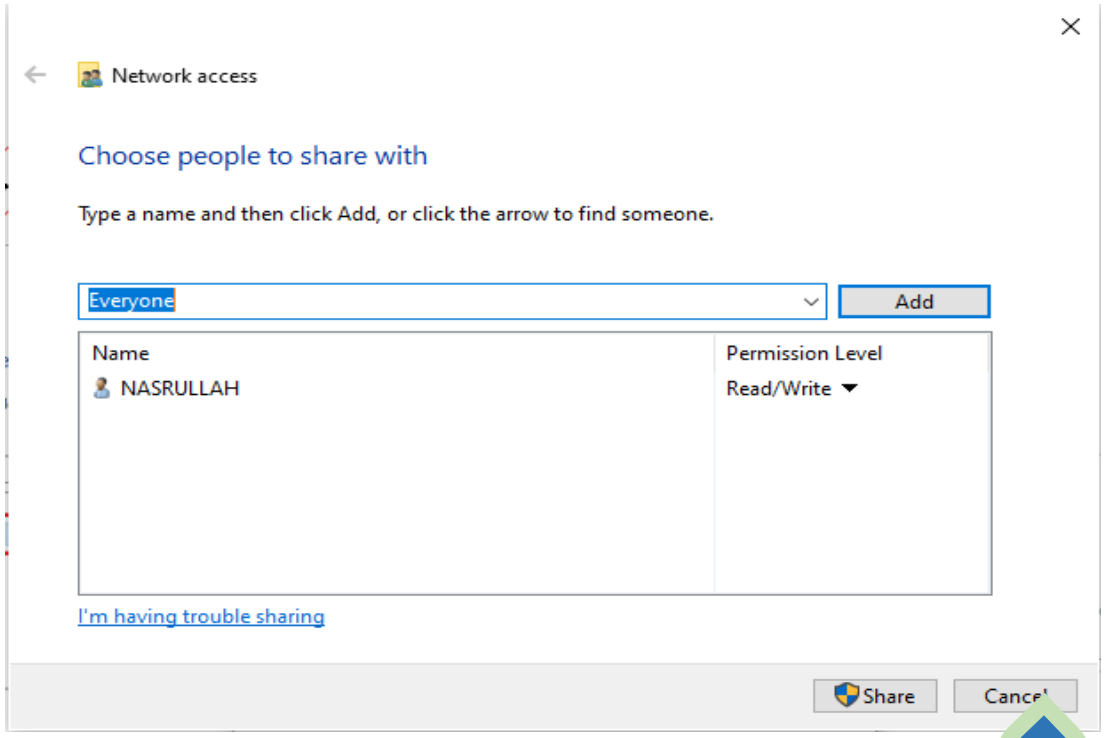
Token:

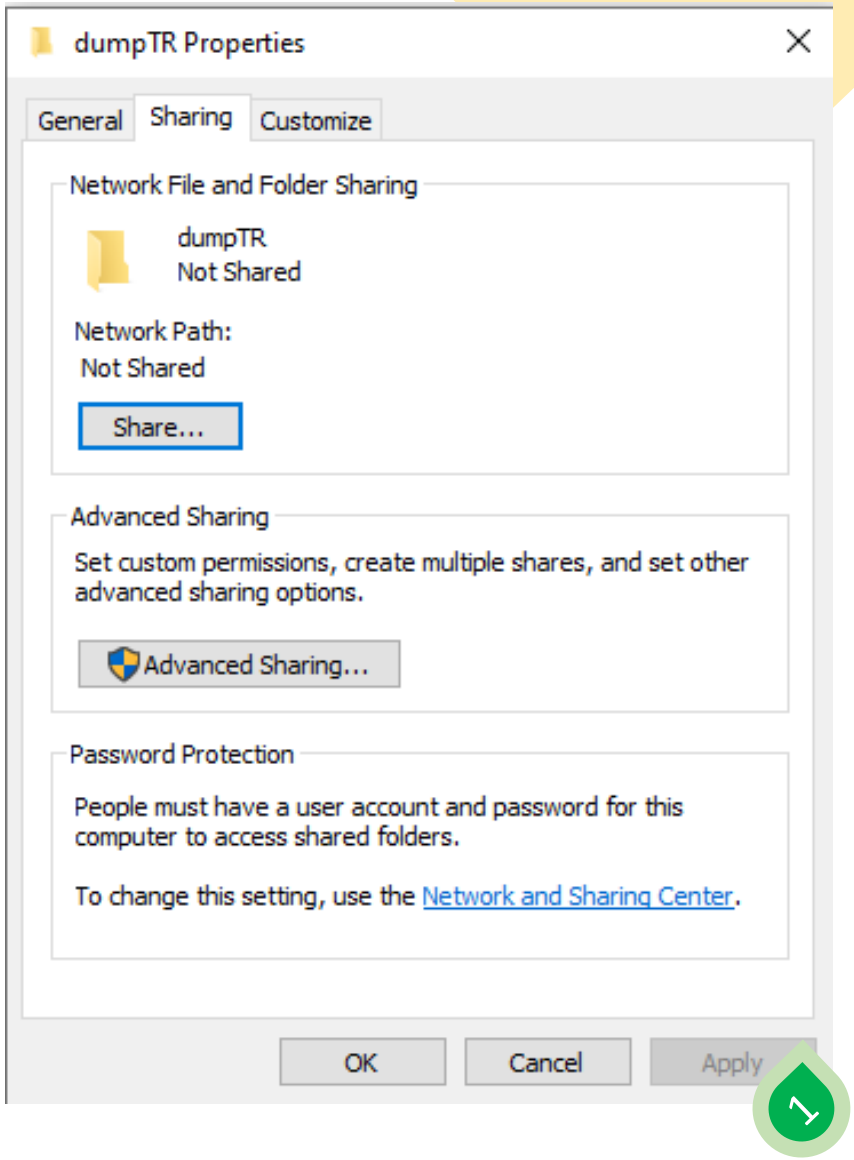
Import Response

File Name		
0		No items to display

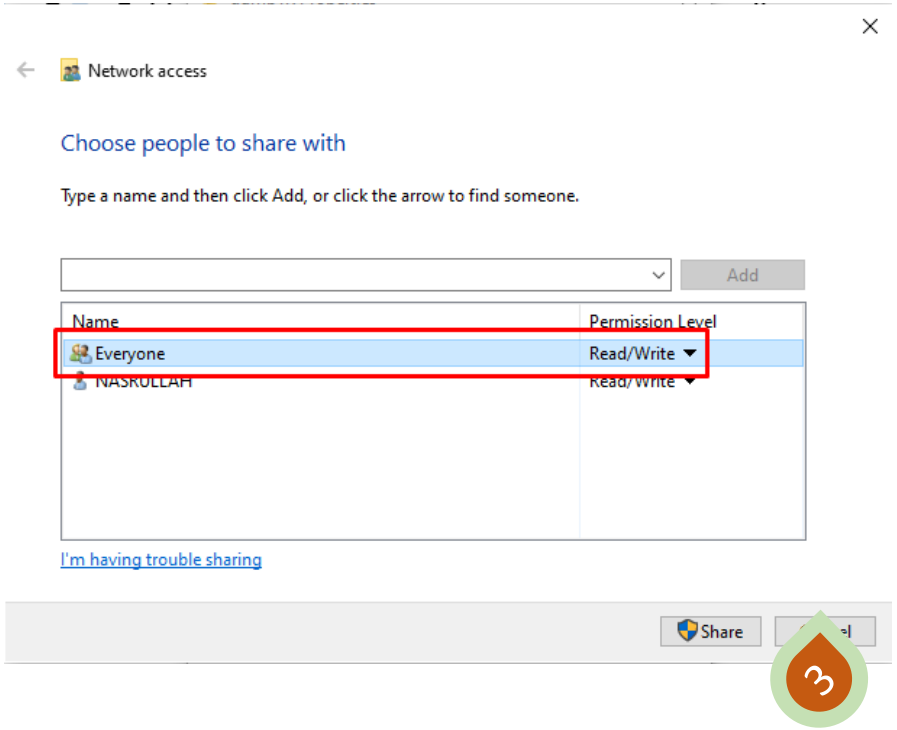
Membuat Sharing Folder :

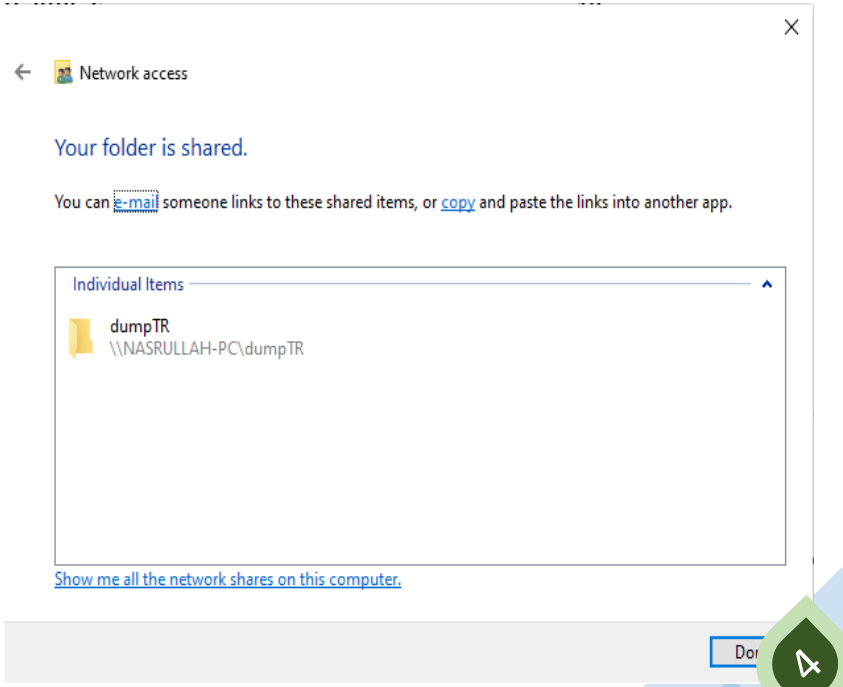
1. Cloning VHD yang sudah selesai tersinkronisasi.
2. Buat Folder baru diluar host (flasdisk/hdd external).
3. Setelah folder terbuat, kita lakukan *Share Folder.*
4. Klik kanan pada folder > *Properties* > pilih tab *Sharing* > klik tombol *Share*
5. Pada pilihan type *Share* pilih ***Everyone*** kemudian klik tombol Add.

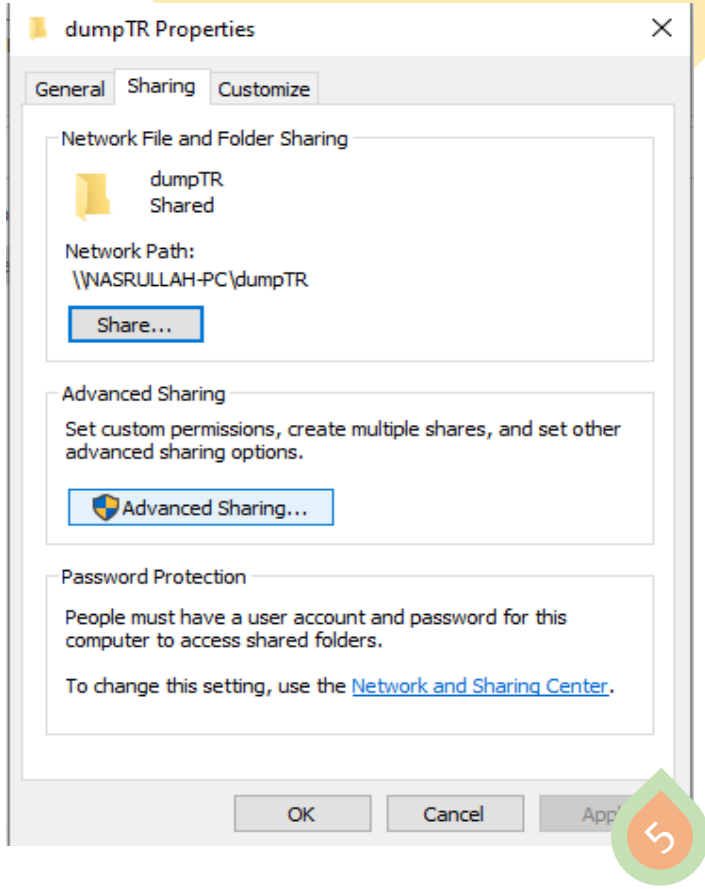




6. Pada *Permission Level* pilih ***Read/Write.***
7. Jika sudah klik tombol *Share,* jika muncul notifikasi pilih *Yes.*
8. Sharing folder selesai

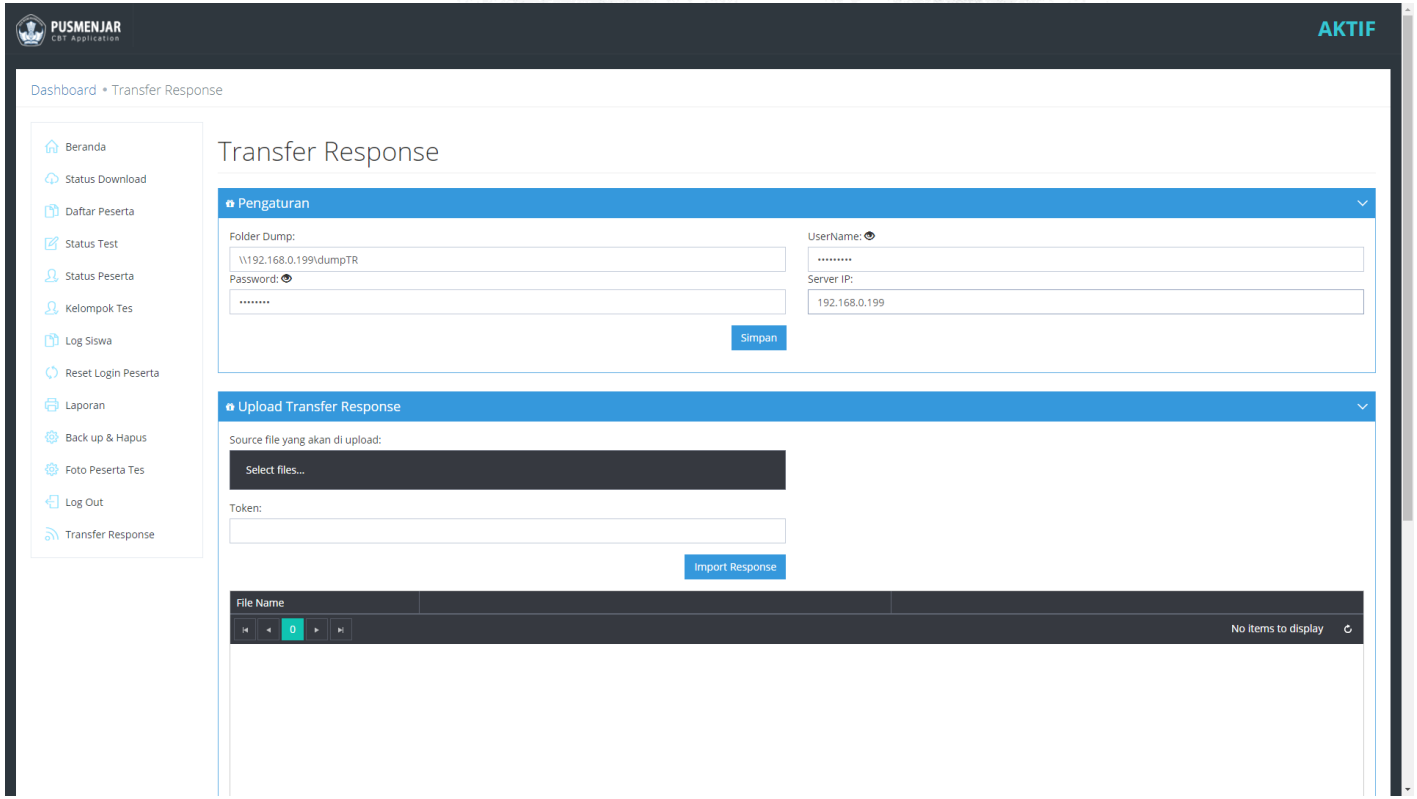




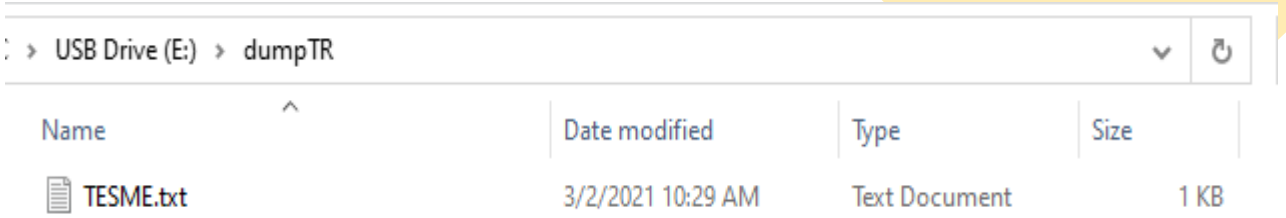


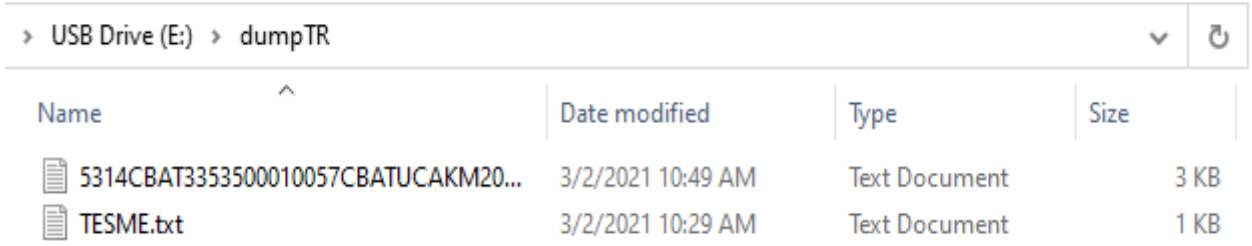
Setting Transfer Respons

1. Klik menu Transfer Respons pada CBTSync Admin.
2. Terdapat 4 text box yang harus di-isi.
   - Folder Dump : menentukan lokasi penyimpanan file dump (Folder yang sudah di share) isi dengan format \\192.168.0.xxx\NamaFolder
   - Username : nama User PC (Contoh : PUSEMNJAR)
   - Server IP : IP Local yang terhubung dengan Client (192.168.0.xxx)
   - Password : password PC Server
3. Jika sudah semua klik Simpan.
4. Terdapat file TESME.txt yang menandakan pengaturan TransferRespons berhasil.

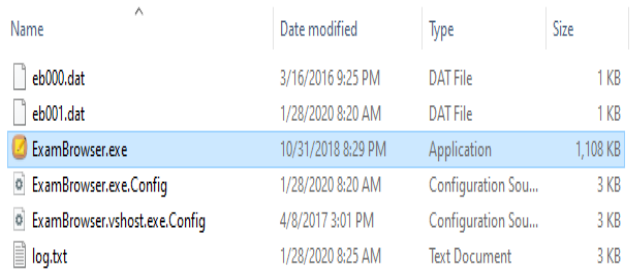


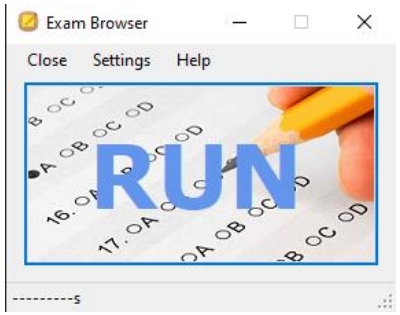
5. Pastikan flasdisk tidak dicabut/tercabut selama tes berjalan.
6. Selama tes berlangsung di dalam Folder tadi terdapat File dump.
7. File dump akan terbuat tergantung banyaknya siswa yang mengerjakan ujian.

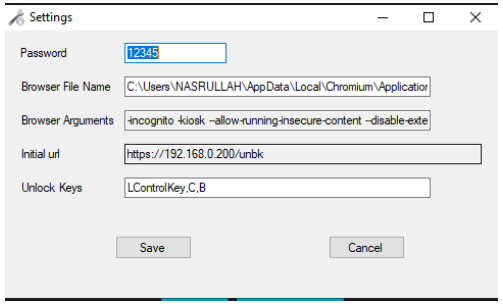




EXAMBROWSER KLIEN

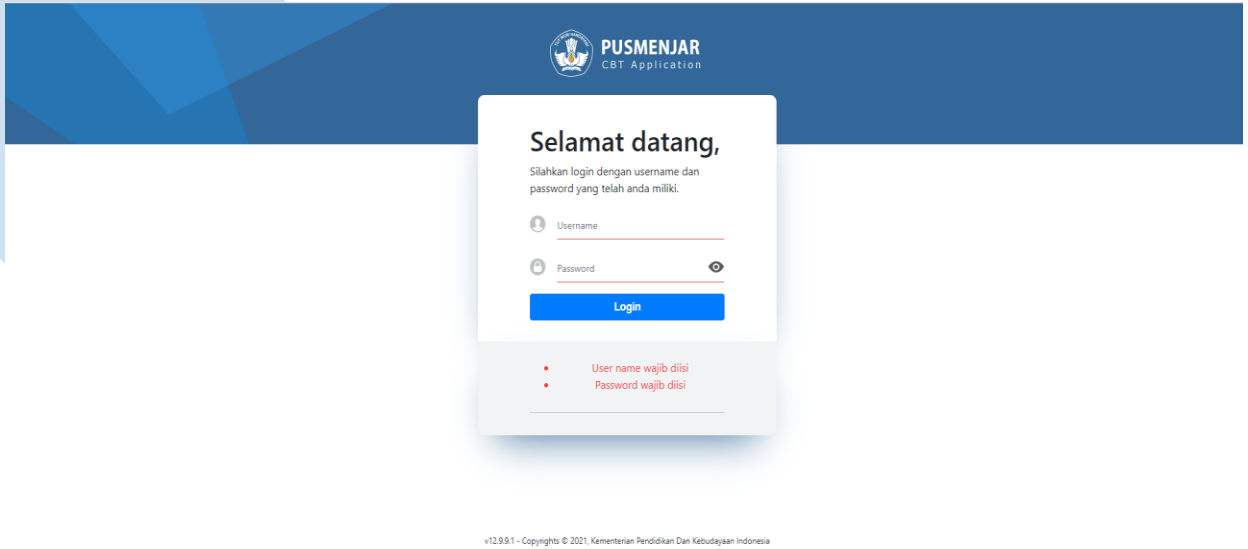






Persiapan Klien (ExamBrowser)

- Pastikan ada web browser chrome versi 67 keatas.
- Menyesuaikan browser chrome dengan bit OS komputer klien
- Menstatikkan IP klien dengan segmen 0
- Pastikan klien tidak terkoneksi ke **internet**
- Menjalankan ExamBrowser


PUSMENJAR
CBT Application
Selamat datang,
Silahkan login dengan username dan password yang telah anda miliki.
Username
Password
Login
User name wajib diisi
Password wajib diisi
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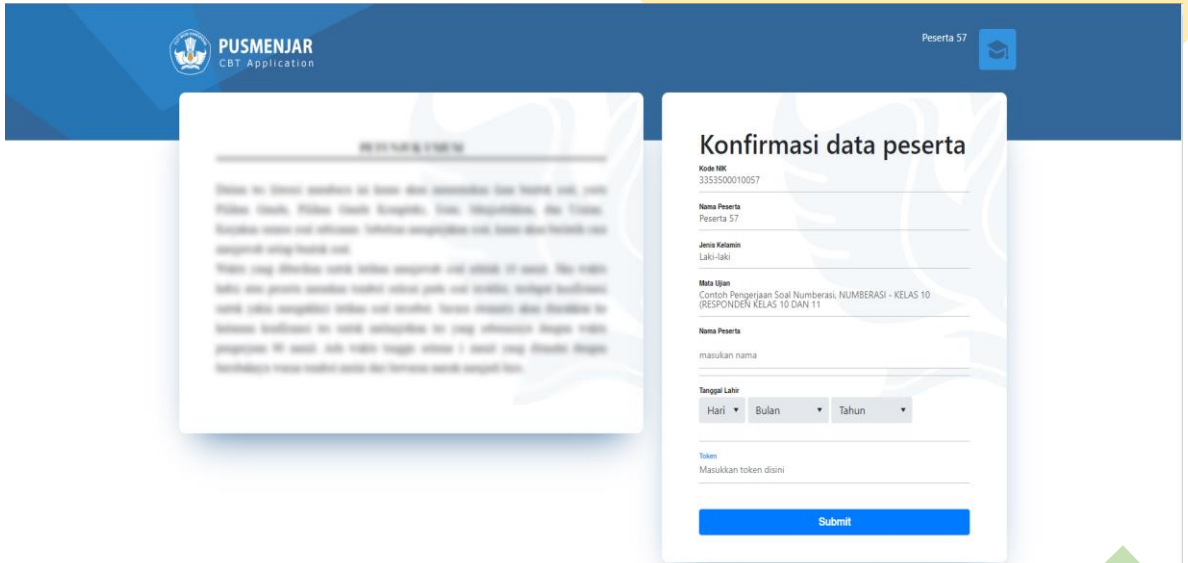
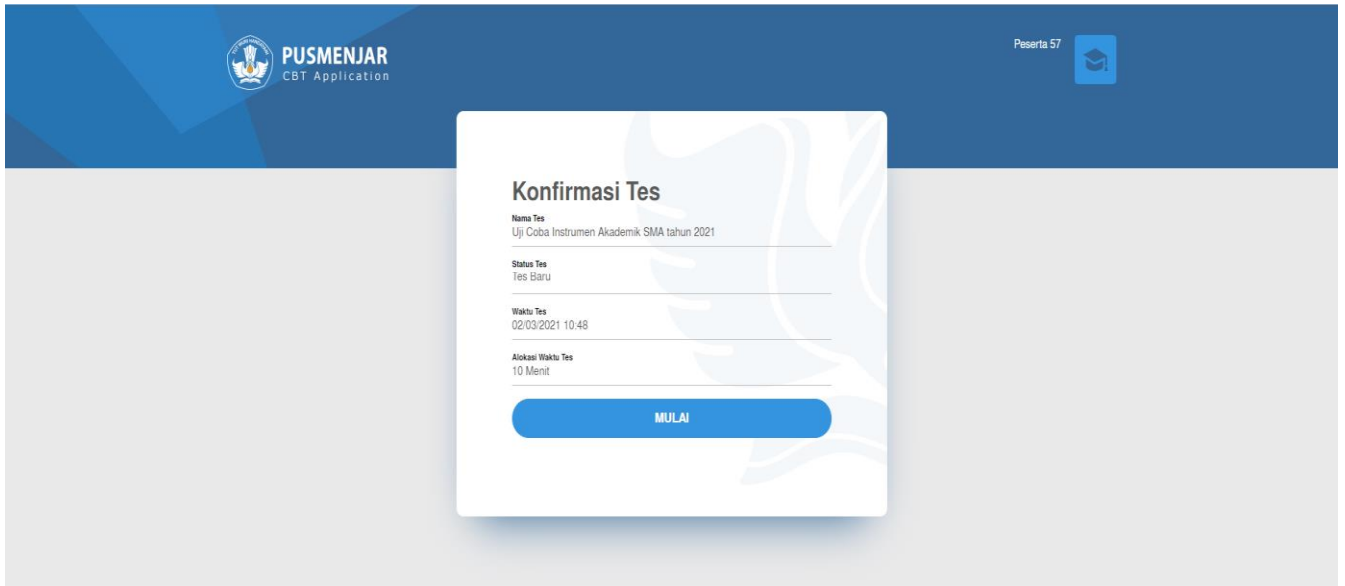
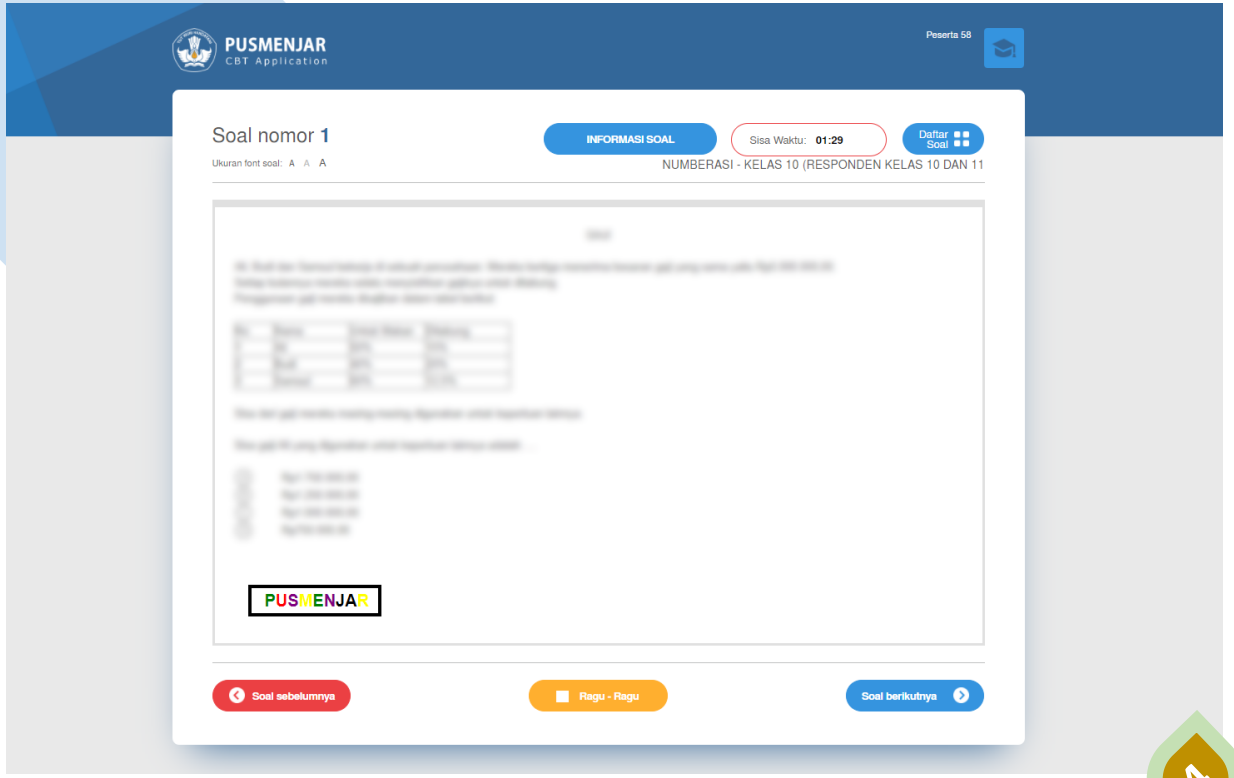
1


PUSMENJAR
CBT Application
Peserta 57
Konfirmasi data peserta
Kode NIK
3353500010057
Nama Peserta
Peserta 57
Jenis Kelamin
Laki-laki
Mata Ujian
Contoh Pengerjaan Soal Numberasi, NUMBERASI - KELAS 10 (RESPONDEN KELAS 10 DAN 11
Nama Peserta
masukan nama
Tanggal Lahir
Hari
Bulan
Tahun
Token
Masukkan token disini
Submit

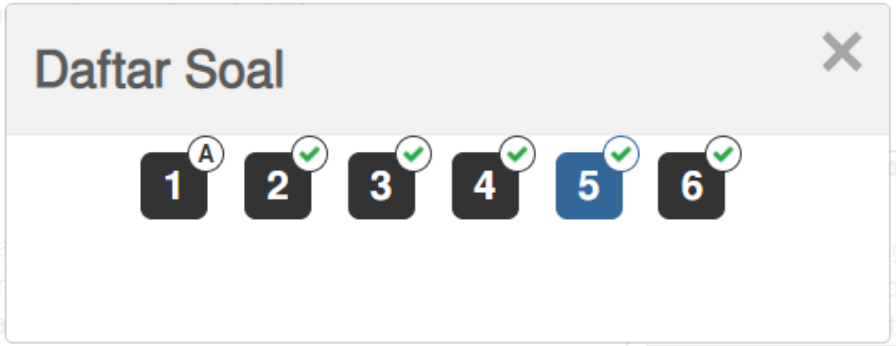
2

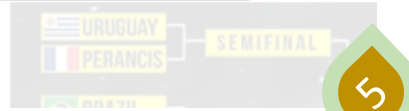

PUSMENJAR
CBT Application
Peserta 57
Konfirmasi Tes
Nama Tes
Uji Coba Instrumen Akademik SMA tahun 2021
Status Tes
Tes Baru
Waktu Tes
02/03/2021 10:48
Alokasi Waktu Tes
10 Menit
MULAI
v12.9.9.1 - Copyrights © 2021, Kementerian Pendidikan Dan Kebudayaan Indonesia

3

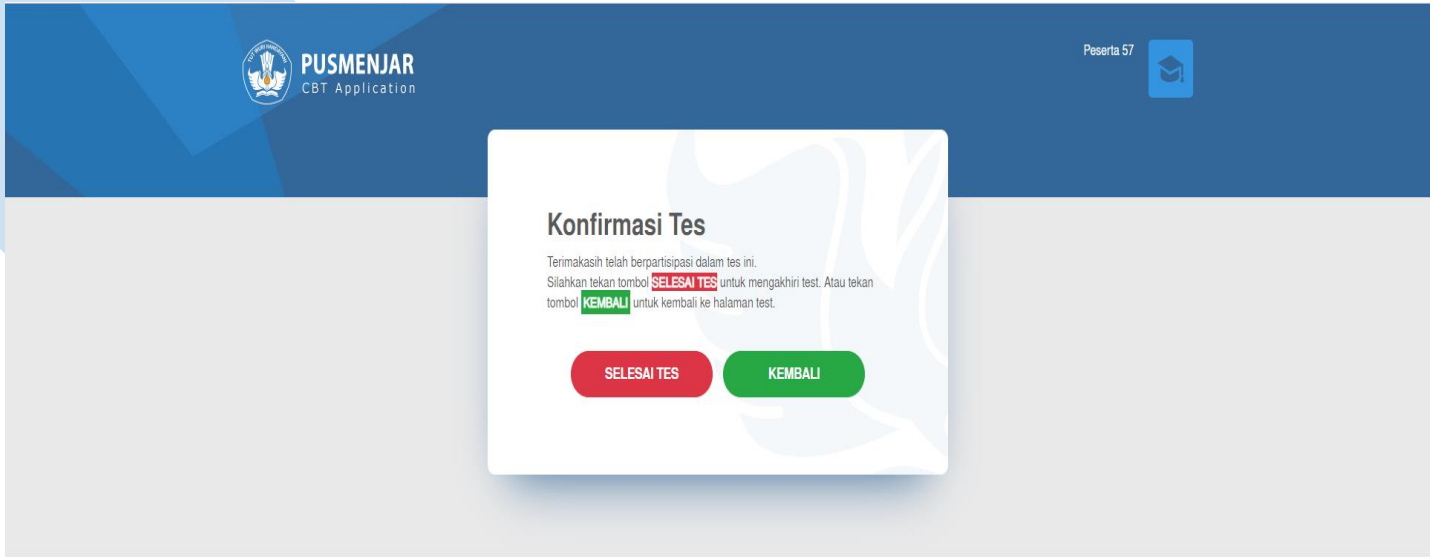

PUSMENJAR
CBT Application
Peserta 58
Soal nomor 1
Ukuran font soal: A A A
INFORMASI SOAL
Sisa Waktu: 01:29
Daftar Soal
NUMBERASI - KELAS 10 (RESPONDEN KELAS 10 DAN 11
PUSMENJAR
Soal sebelumnya
Ragu - Ragu
Soal berikutnya

4


Daftar Soal
1
2
3
4
5
6


URUGUAY
PERANCIS
SEMIFINAL

5



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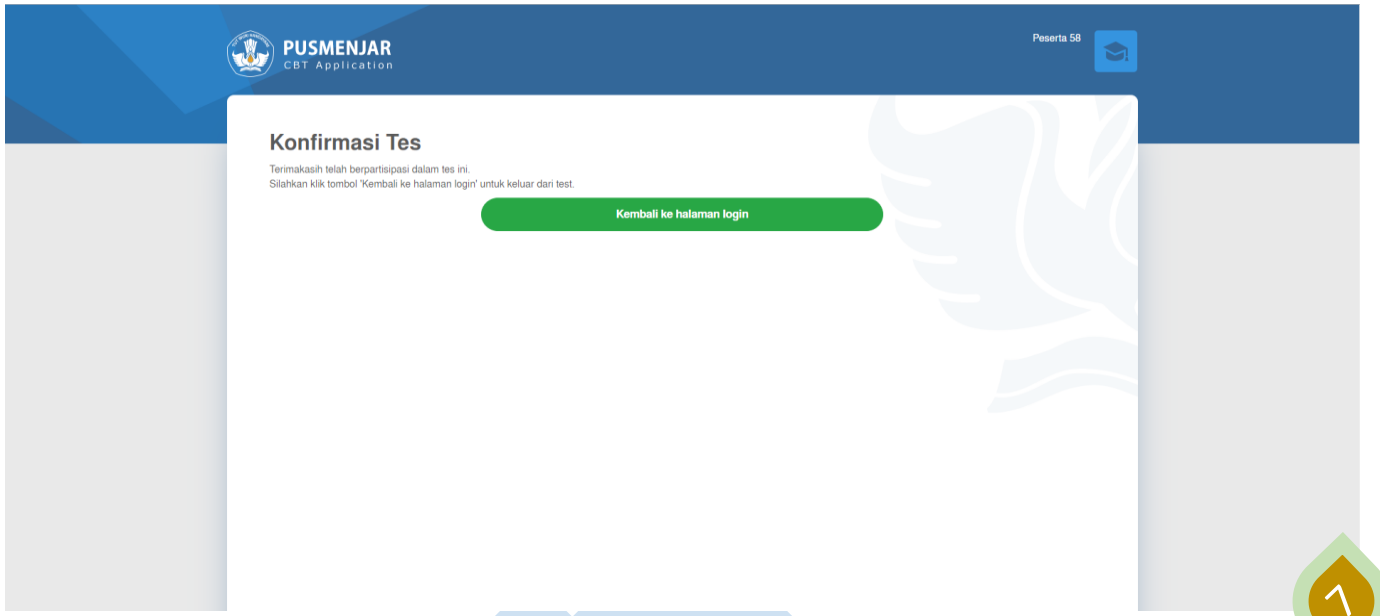
6



7

TERIMA KASIH