



KEMENTERIAN DIGITAL
JABATAN DIGITAL NEGARA

PERMOHONAN PERKHIDMATAN MALAYSIA GOVERNMENT DIGITAL FORENSIC LAB (MyDFLAB)

**Bahagian Pembangunan Perkhidmatan Gunasama
Infrastruktur & Keselamatan Digital**





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PERKHIDMATAN MALAYSIA GOVERNMENT DIGITAL FORENSIC LAB (MyDFLAB)

MyDFLAB adalah sebuah makmal digital yang menyediakan perkhidmatan dan infrastruktur berpusat bagi agensi-agensi sektor awam dalam mengendalikan kes-kes yang berkaitan dengan maklumat digital iaitu berkaitan sanitasi dan pemulihan data serta kemudahan infrastruktur forensik digital.

1



SANITASI DATA LOGIKAL (ERASURE)

LOKASI: DFLAB / AGENSI

JENIS MEDIA: HDD/SSD

**INTERFACE:
PATA/SATA/NVMe/SCSI/Fiber
Channel**

ERASURE REPORT

2



PENGHAPUSAN DATA FIZIKAL (DESTRUCTION)

LOKASI: DFLAB

JENIS MEDIA: HDD/SSD

**INTERFACE: SEMUA
DESTRUCTION REPORT**

3



PEMULIHAN DATA LOGIKAL

LOKASI: DFLAB / AGENSI

JENIS MEDIA: HDD/SSD

**INTERFACE:
PATA/SATA/NVMe**

4



KEMUDAHAN INFRASTRUKTUR FORENSIK DIGITAL

**LOKASI: DFLAB
(KOMPUTER/MOBIL/CLOUD)**

**JENIS MEDIA:
HDD/SSD/TELEFON**



PERKHIDMATAN MALAYSIA GOVERNMENT DIGITAL FORENSIC LAB (MyDFLAB)

OUTLINE :

1. CARTA ALIR PERMOHONAN
2. PROSES PERMOHONAN PERKHIDMATAN
3. LAPORAN/OUTPUT SANITASI
4. DEMO



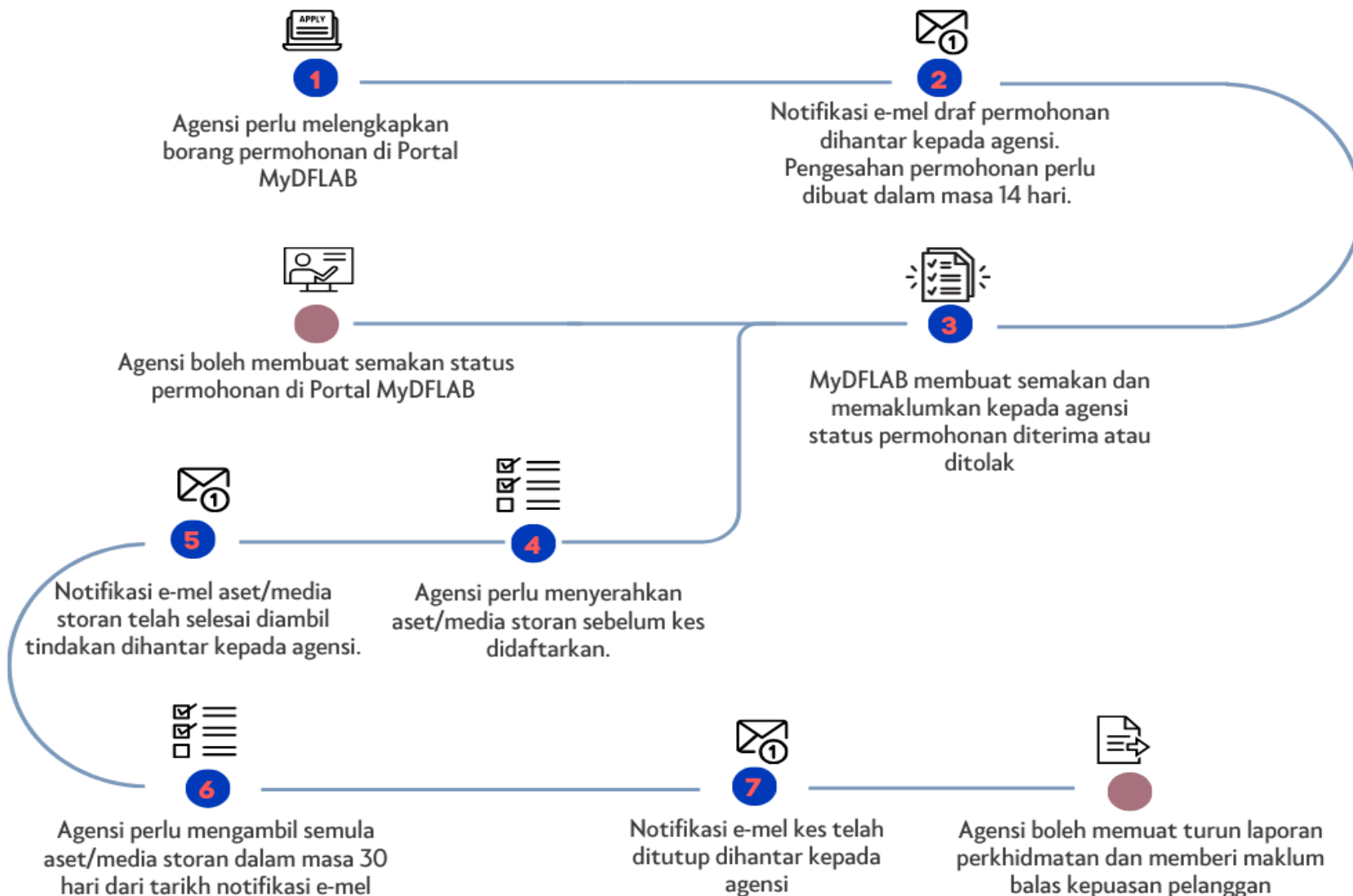


PERKHIDMATAN MALAYSIA GOVERNMENT DIGITAL FORENSIC LAB (MyDFLAB)



PROSES PERMOHONAN PERKHIDMATAN

Anda boleh membuat permohonan perkhidmatan MyDFLAB melalui proses berikut:





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MyDFLAB JDN

PROSES PERMOHONAN PERKHIDMATAN DIBUAT MELALUI URL :

<https://mydflab.gov.my/>



PORTAL RASMI
MALAYSIA GOVERNMENT DIGITAL FORENSIC LAB (MyDFLAB)
JABATAN DIGITAL NEGARA

Laman UtamaMaklumat Am▼Permohonan Perkhidmatan▼Sumber RujukanMedia▼Soalan LazimHubungi Kami▼🔍



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MyDFLAB ialah sebuah makmal digital yang menyediakan perkhidmatan sanitasi data logikal dan fizikal, pemulihan data logikal serta kemudahan infrastruktur forensik digital kepada agensi sektor awam.



Sanitasi Data Logikal

Lokasi Perkhidmatan :
MyDFLAB/ Agensi

Jenis Media : HDD/SSD

Media Interface :
PATA/SATA/NVMe/SCSI/
Fiber Channel

Output : Laporan Sanitasi Data
Logikal



Sanitasi Data Fizikal

Lokasi Perkhidmatan : MyDFLAB

Jenis Media : HDD/SSD/ Thumb
Drive

Output : Laporan Sanitasi Data
Fizikal



Pemulihan Data

Lokasi Perkhidmatan :
MyDFLAB/ Agensi

Jenis Media : HDD/SSD

Media Interface :
PATA/SATA/NVME



Kemudahan Infrastruktur Forensik Digital

Lokasi Kemudahan : MyDFLAB

Jenis Media : HDD/SSD/Telefon

Media Interface :
PATA/SATA/Telefon

MAKLUMAT PERHUBUNGAN

Sebarang pertanyaan, sila hubungi:
Malaysia Government Digital Forensic Lab (MyDFLAB)
Jabatan Digital Negara (JDN)

 <https://www.jdn.gov.my>

 JabatanDigitalNegara

 JDigitalNegara

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CONTOH LAPORAN SANITASI

SANITASI LOGIKAL

SANITASI FIZIKAL

2023-10-11 10:30:30 (+0800), BLANCCO DRIVE ERASER 7.7.1, DELL INC., PRECISION TOWER 7810, B2XZY42

Data Erasure Report

Licensed To
Customer Details

MyDFLAB MAMPU
~~XXXXXXXXXXXXXXXXXXXX~~

Operator Details

Erasure Provider: MyDFLAB

Erasure Results
Disk: 1 (1-1)

Remapped Sector(S) After Erasure:
Start/End Time:
Duration:
Method:
Erasure Rounds:
Status:
Information:

Hardware Details

Manufacturer:
Chassis Type:
Model:
Serial:
UUID:
System SKU Number:
Processors:
Processor:
Memory Bank:
Memory Bank:
Memory Bank:
Memory Bank:
Memory Bank:
Memory Bank:
Total Memory:
Graphics Card:
Sound Card:
Storage Controller: 1
Storage Controller: 2
Storage Controller: 3
Disk: 1 (1-1)

Customer Location:
~~XXXXXXXXXXXXXXXXXXXX~~

Erasure Provider: MyDFLAB

Vendor: WDC
Size: 10TB
HPA: Doesn't exist
Health Status: good
4

Model: WD102PURZ-85BXPY0
Bus: SATA
DCO: Doesn't exist

Serial: VCHUB9SP
Sectors: 19532873728
Remapped Sector(s): 4

2023-10-10 10:17:47 (+0800) / 2023-10-11 02:21:10 (+0800)
16:03:22
NIST 800-88 Clear
1 (1 overwriting)
Erased
~~XXXXXXXXXXXXXXXXXXXX~~ (Drive formatted to NTFS.)

2023-10-11 10:30:30 (+0800), BLANCCO DRIVE ERASER 7.7.1, DELL INC., PRECISION TOWER 7810, B2XZY42

Self-monitoring attributes

ID	Attribute name	Flag	Value	Worst	Threshold	Type	Updated	Raw value
0x01	Raw Read Error Rate	0x000B	100	100	16	Pre-fail	Always	0
0x02	Throughput Performance	0x0004	132	132	54	Old age	Offline	96
0x03	Spin-Up Time	0x0007	138	138	24	Pre-fail	Always	569 (Average 608)
0x04	Start/Stop Count	0x0012	100	100	0	Old age	Always	25
0x05	Reallocated Sector Count	0x0033	100	100	5	Pre-fail	Always	4
0x07	Seek Error Rate	0x000A	100	100	67	Old age	Always	0
0x08	Seek Time Performance	0x0004	128	128	20	Old age	Offline	18
0x09	Power On Hours	0x0012	98	98	0	Old age	Always	14972
0x0A	Spin Retry Count	0x0012	100	100	60	Old age	Always	0
0x0C	Power Cycle Count	0x0032	100	100	0	Old age	Always	25
0x0D	Power-Off Retract Count	0x0032	100	100	0	Old age	Always	764
0x0E	Load/Unload Cycle Count	0x0012	100	100	0	Old age	Always	764
0x0F	Temperature Celsius	0x0002	138	138	0	Old age	Always	47 (Min/Max 13/57)
0x10	Reallocated Event Count	0x0032	100	100	0	Old age	Always	4

1/3

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Media Destruction Record

Company Name: MYDFLAB
Operator: SHAHRIZAN
Supervisor: BADRULHISHAM
Degaussing on Site: CRUSHED

Media Owner
Company Name: ~~XXXXXXXXXXXXXXXXXXXX~~
Department: ~~XXXXXXXXXXXXXXXXXXXX~~

Media Information
Type: HDD
Serial Number: ST3160318AS
Capacity: 160GB
Part Number: 9SL13A-020
Security Classification: -
Remarks: -

Degausser/Crusher Details
Date: 15 May 2024
Time: 09:09:17
Degausser/Crusher: Crusher
Model: CRUNCH-250
Serial Number: 1225438
Firmware Version: 0.5
Number of Cycles: 170

Destruction Details,
Capacitor Voltage: 0
Magnetic Field Gauss: 0
Result: Crushed



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SANITASI LOGIKAL



SANITASI FIZIKAL

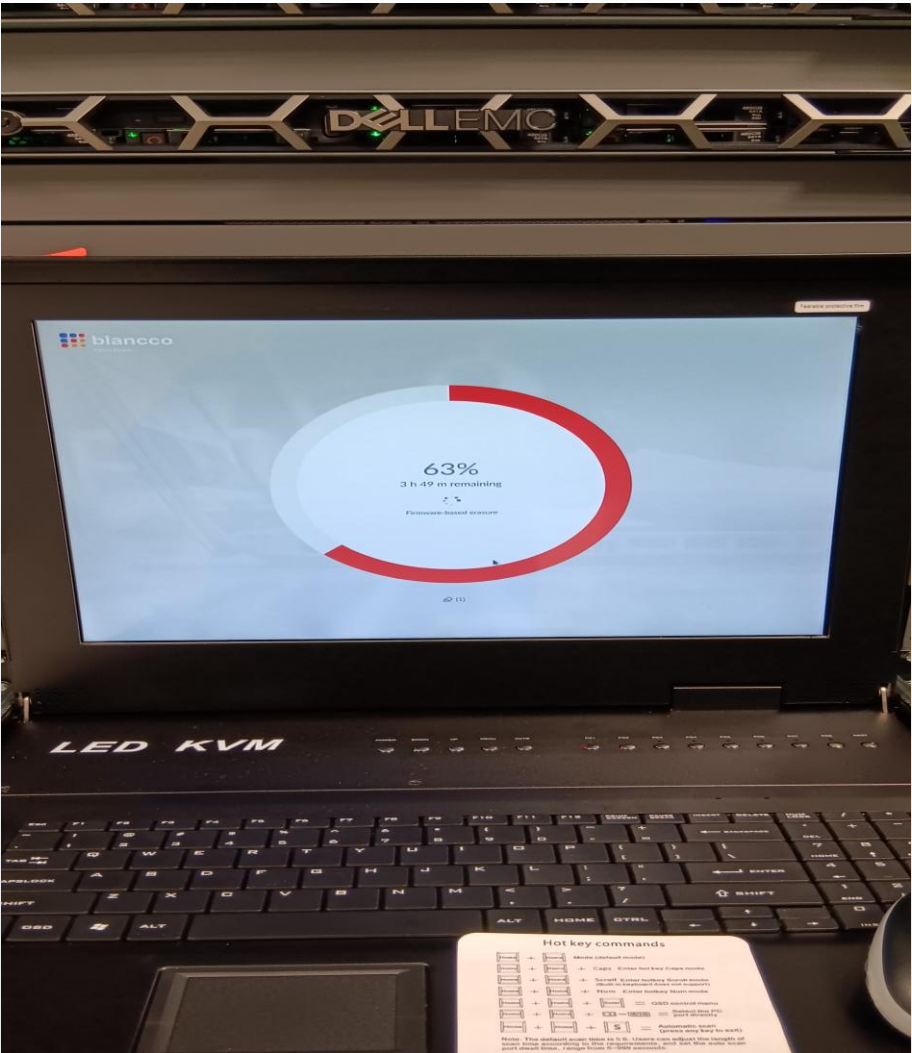




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SANITASI LOGIKAL



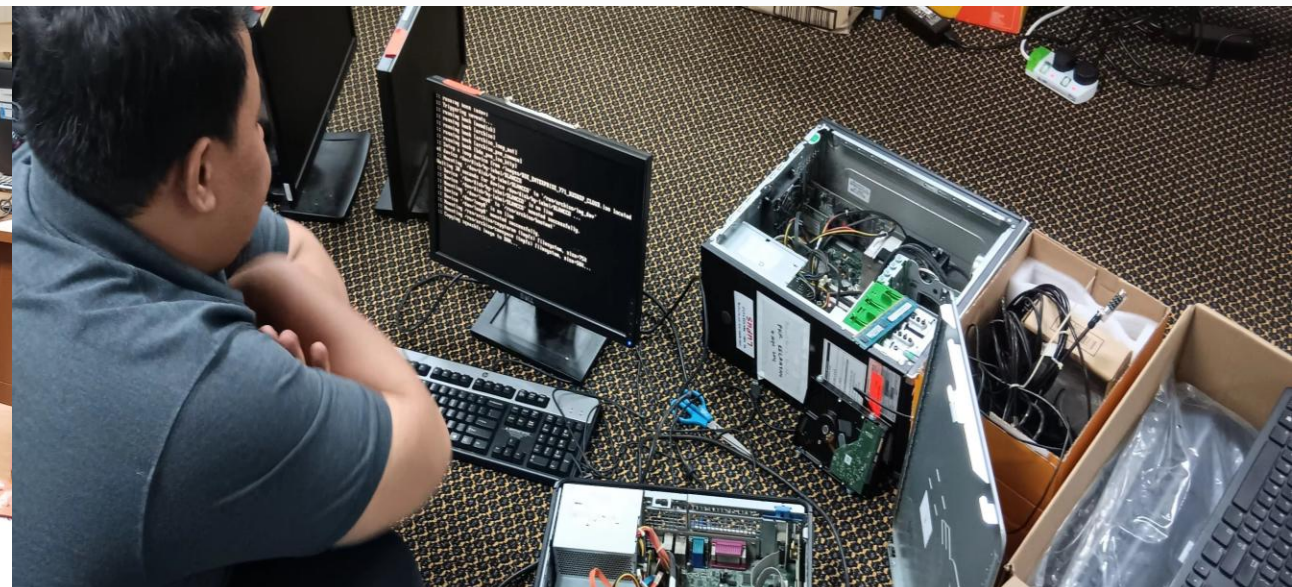
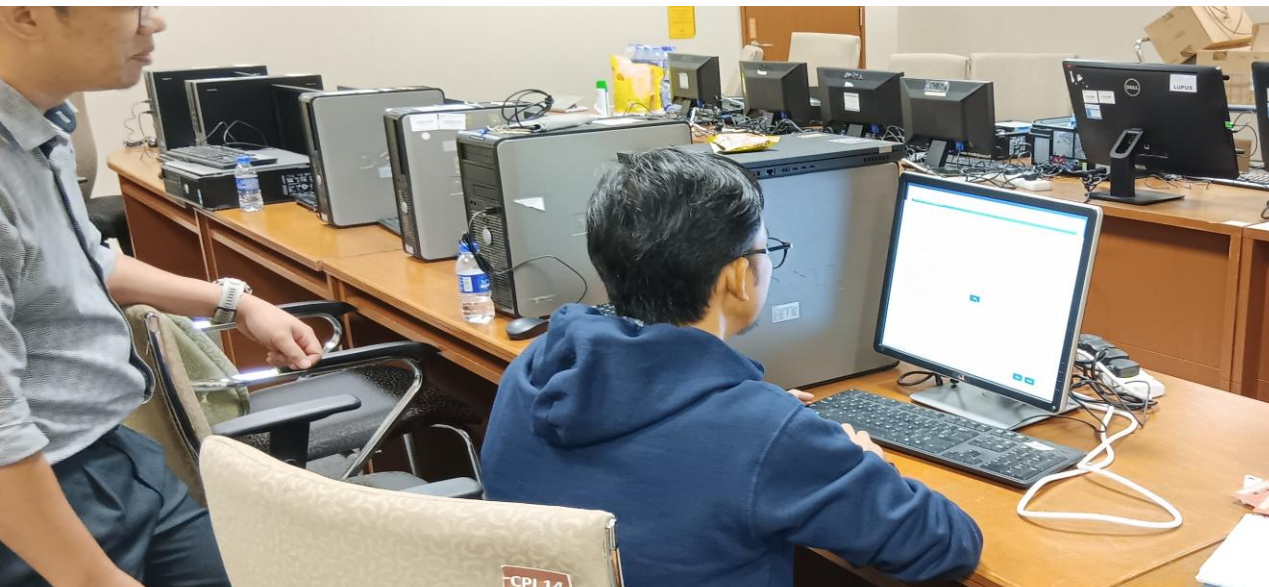
SANITASI FIZIKAL





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SEKIAN, TERIMA KASIH



Sebarang permohonan atau pertanyaan, sila hubungi:

MALAYSIA GOVERNMENT DIGITAL FORENSIC LAB (MyDFLAB)

JABATAN DIGITAL NEGARA

Bangunan MKN Embassy Techzone

Blok B, No. 3200, Jalan Teknokrat 2

63000 Cyberjaya, Sepang

Selangor Darul Ehsan

Tel: +603 8000 8000

E-mel: mydflab@jdn.gov.my | pmo.mydflab@jdn.gov.my