

MetaForensic

Advanced Metadata Analysis & Forensic Intelligence

Backend: healthy



Drop files here or click to select

Supported: PDF, DOCX, XLSX, PPTX

Deep Scan

Forensic Analysis

FORENSIC SUMMARY

STATUS

SUSPICIOUS

RISK SCORE

6/10

FLAGS DETECTED

4

Found 4 potential issues with risk score 6

FILE IDENTITY

FILENAME

Intern Questionnaire Answers00 (2).pdf

FILE TYPE / MIME

application/pdf

FILE SIZE

166.69 KB

FILE INTEGRITY - UNIQUE IDENTIFIERS

MD5 HASH

3d28ac0669e3cdfd41be07b8e094fe81

SHA-1 HASH

4936554f6ad19529845a5bad61d9b1529c337750

SHA-256 HASH

594869d3def3352f0154f9bc219a3886dbabbf8ac0c9114a2b3319958f6b38b2

INODE

3377699720665400

HARD LINKS

1

TIMESTAMPS WITH TIMEZONE INFORMATION

CREATED DATE

2025-12-05T03:07:57.901469+05:30

MODIFIED DATE

2025-12-05T03:07:57.901469+05:30

ACCESSED DATE

2025-12-05T03:07:57.901469+05:30

TIMEZONE NAME

India Standard Time

UTC OFFSET

5:30:00

DAYLIGHT SAVING

No

STORAGE & ACCESS - PERMISSIONS & OWNERSHIP**FILE PATH**

C:\Users\Eternal\AppData\Local\Temp\tmplw265e7m.pdf

PERMISSIONS

666 (0o100666)

OWNER (UID)

0 (UID: N/A)

GROUP (GID)

0 (GID: N/A)

OS & HARDWARE METADATA

OPERATING SYSTEM

Windows

OS RELEASE

10

ARCHITECTURE

AMD64

HOSTNAME

DESKTOP-HBJ5FKD

PROCESSOR

Intel64 Family 6 Model 69 Stepping 1, GenuineIntel

CPU CORES (PHYSICAL)

2

CPU CORES (LOGICAL)

4

TOTAL MEMORY

7.91 GB

PYTHON VERSION

3.14.0

PROVENANCE & AUTHORSHIP

DOCUMENT AUTHOR

N/A

LAST MODIFIED BY

N/A

CREATOR SOFTWARE

PDFium

PRODUCER/COMPANY

PDFium

FORENSIC FLAGS & ANOMALIES

MEDIUM

DATE_MISMATCH

Date1 is 3712 seconds later than Date2 (possible backdating)

```
{  
    "status": "anomaly",  
    "message": "Date1 is 3712 seconds later than Date2 (possible backdating)",  
    "difference_seconds": 3712,  
    "warning": "File system date is newer than document creation date"  
}
```

MEDIUM

METADATA_STRIPPING

PDF appears to have minimal or no metadata (author/title missing)

LOW**GENERIC_METADATA**

Suspicious or generic value in pdf_author: "

LOW**GENERIC_METADATA**

Suspicious or generic value in pdf_title: "

▼ FULL RAW METADATA (JSON)

```
{  
    "filename": "Intern Questionnaire Answers00 (2).pdf",  
    "file_size": 170690,  
    "file_type": ".pdf",  
    "os_hardware_metadata": {  
        "os_system": "Windows",  
        "os_release": "10",  
        "os_version": "10.0.19045",  
        "os_machine": "AMD64",  
        "os_platform": "win32",  
        "hostname": "DESKTOP-HBJ5FKD",  
        "processor": "Intel64 Family 6 Model 69 Stepping 1, GenuineIntel",  
        "cpu_count_physical": 2,  
        "cpu_count_logical": 4,  
        "cpu_percent": 82.1,  
        "memory_total": "7.91 GB",  
        "memory_available": "1.94 GB",  
        "memory_percent": 75.5,  
        "python_version": "3.14.0",  
        "pythonImplementation": "CPython"  
    },  
    "timezone_metadata": {  
        "local_timezone": "India Standard Time",  
        "utc_offset": "5:30:00",  
        "utc_offset_seconds": 19800,  
        "is_daylight_saving": 0,  
        "timezone_names": {  
            "standard": "India Standard Time",  
            "daylight": "India Daylight Time"  
        }  
    }  
}
```

```
},
"file_identity": {
    "filename": "tmplw265e7m.pdf",
    "file_extension": ".pdf",
    "mime_type": "application/pdf",
    "file_size": "166.69 KB",
    "file_size_bytes": 170690
},
"file_hashes": {
    "md5": "3d28ac0669e3cdfd41be07b8e094fe81",
    "sha1": "4936554f6ad19529845a5bad61d9b1529c337750",
    "sha256": "594869d3def3352f0154f9bc219a3886dbabff8ac0c9114a2b3319958f6b38b2"
},
"timestamps": {
    "created": {
        "datetime": "2025-12-05T03:07:57.901469+05:30",
        "timezone": "India Standard Time",
        "utc_offset": "5:30:00"
    },
    "modified": {
        "datetime": "2025-12-05T03:07:57.901469+05:30",
        "timezone": "India Standard Time",
        "utc_offset": "5:30:00"
    },
    "accessed": {
        "datetime": "2025-12-05T03:07:57.901469+05:30",
        "timezone": "India Standard Time",
        "utc_offset": "5:30:00"
    }
},
"provenance_authorship": {
    "docx_author": null,
    "docx_last_modified_by": null,
    "xlsx_author": null,
    "xlsx_last_modified_by": null,
    "pptx_author": null,
    "pptx_last_modified_by": null,
    "pdf_author": "",
    "pdf_creator": "PDFium",
    "pdf_producer": "PDFium"
},
"storage_access": {
    "file_path": "C:\\\\Users\\\\Eternal\\\\AppData\\\\Local\\\\Temp\\\\tmplw265e7m.pdf",
    "permissions": "666",
    "permissions_octal": "0o100666",
    "owner": "0",
    "owner_uid": 0,
    "group": "0",
    "group_gid": 0
}
```

```
"group_gid": 0,
"inode": 3377699720665400,
"hard_links": 1
},
"document_metadata": {
    "pdf_title": "",
    "pdf_author": "",
    "pdf_subject": "",
    "pdf_creator": "PDFium",
    "pdf_producer": "PDFium",
    "pdf_creationdate": "D:20251205020605",
    "pdf_moddate": "",
    "pdf_keywords": "",
    "pdf_trapped": "",
    "pdf_pages": 4,
    "pdf_encryption": "No",
    "pdf_version": "1.7",
    "pdf_is_linearized": false,
    "pdf_creationdate": "D:20251205020605",
    "pdf_creator": "PDFium",
    "pdf_producer": "PDFium"
},
"filesystem_metadata": {
    "created": "2025-12-05T03:07:57.901469+05:30",
    "modified": "2025-12-05T03:07:57.901469+05:30",
    "accessed": "2025-12-05T03:07:57.901469+05:30",
    "size_bytes": 170690
},
"cross_check": {
    "fs_created_vs_doc_created": {
        "filesystem": "2025-12-05T03:07:57.901469+05:30",
        "document": "D:20251205020605"
    },
    "fs_modified_vs_doc_modified": {
        "filesystem": "2025-12-05T03:07:57.901469+05:30",
        "document": ""
    }
},
"forensic_flags": {
    "total_flags": 4,
    "risk_score": 6,
    "severity_breakdown": {
        "high": 0,
        "medium": 2,
        "low": 2
    },
    "flags": [
        {
            "name": "Flag A"
        },
        {
            "name": "Flag B"
        }
    ]
}
```

```
        "severity": "medium",
        "flag": "date_mismatch",
        "message": "Date1 is 3712 seconds later than Date2 (possible backdating or modification of file metadata)",
        "comparison": "fs_created vs pdf_creationdate",
        "details": {
            "status": "anomaly",
            "message": "Date1 is 3712 seconds later than Date2 (possible backdating or modification of file metadata)",
            "difference_seconds": 3712,
            "warning": "File system date is newer than document creation date"
        }
    },
    {
        "severity": "medium",
        "flag": "metadata_stripping",
        "message": "PDF appears to have minimal or no metadata (author/title missing or generic values like 'Unknown' or 'None')",
    },
    {
        "severity": "low",
        "flag": "generic_metadata",
        "message": "Suspicious or generic value in pdf_author: ''",
        "field": "pdf_author",
        "value": ""
    },
    {
        "severity": "low",
        "flag": "generic_metadata",
        "message": "Suspicious or generic value in pdf_title: ''",
        "field": "pdf_title",
        "value": ""
    }
],
"summary": {
    "status": "suspicious",
    "message": "Found 4 potential issues with risk score 6"
}
},
"raw_metadata": {
    "os_hardware_metadata": {
        "os_system": "Windows",
        "os_release": "10",
        "os_version": "10.0.19045",
        "os_machine": "AMD64",
        "os_platform": "win32",
        "hostname": "DESKTOP-HBJ5FKD",
        "processor": "Intel64 Family 6 Model 69 Stepping 1, GenuineIntel",
        "cpu_count_physical": 2,
        "cpu_count_logical": 4,
        "cpu_percent": 82.1,
    }
}
```

```
"memory_total": "7.91 GB",
"memory_available": "1.94 GB",
"memory_percent": 75.5,
"python_version": "3.14.0",
"pythonImplementation": "CPython"
},
"timezone_metadata": {
    "local_timezone": "India Standard Time",
    "utc_offset": "5:30:00",
    "utc_offset_seconds": 19800,
    "is_daylight_saving": 0,
    "timezone_names": {
        "standard": "India Standard Time",
        "daylight": "India Daylight Time"
    }
},
"filename": "tmplw265e7m.pdf",
"file_path": "C:\\\\Users\\\\Eternal\\\\AppData\\\\Local\\\\Temp\\\\tmplw265e7m.pdf",
"file_extension": ".pdf",
"mime_type": "application/pdf",
"size_bytes": 170690,
"size_formatted": "166.69 KB",
"file_hash_md5": "3d28ac0669e3cdfd41be07b8e094fe81",
"file_hash_sha1": "4936554f6ad19529845a5bad61d9b1529c337750",
"file_hash_sha256": "594869d3def3352f0154f9bc219a3886dbabbff8ac0c9114a2b331",
"inode": 3377699720665400,
"hard_links": 1,
"fs_created": "2025-12-05T03:07:57.901469+05:30",
"fs_created_timestamp": 1764884277.9014692,
"fs_modified": "2025-12-05T03:07:57.901469+05:30",
"fs_modified_timestamp": 1764884277.9014692,
"fs_accessed": "2025-12-05T03:07:57.901469+05:30",
"fs_accessed_timestamp": 1764884277.9014692,
"timezone_name": "India Standard Time",
"timezone_offset": "5:30:00",
"timezone_offset_seconds": 19800,
"file_permissions": "666",
"file_permissions_octal": "0o100666",
"owner_uid": 0,
"owner_name": "0",
"group_gid": 0,
"group_name": "0",
"system": "Windows",
"system_version": "10",
"system_architecture": "AMD64",
"pdf_title": "",
"pdf_author": "",
"pdf_subject": ""
```

```
"pdf_creator": "PDFium",
"pdf_producer": "PDFium",
"pdf_creationdate": "D:20251205020605",
"pdf_moddate": "",
"pdf_keywords": "",
"pdf_trapped": "",
"pdf_pages": 4,
"pdf_encryption": "No",
"pdf_version": "1.7",
"pdf_is_linearized": false,
"pdf/_creationdate": "D:20251205020605",
"pdf/_creator": "PDFium",
"pdf/_producer": "PDFium"
},
"errors": {}
}
```

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