

# **YesPDF Enterprise Administrator Guide**

System Administration Manual

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# Table of Contents

1. Introduction	4
1.1 What is YesPDF? . . . . .	4
1.2 System requirements (summary) . . . . .	4
1.3 Architecture overview . . . . .	4
2. Installation	4
2.1 New installation . . . . .	4
2.2 Upgrade . . . . .	5
2.3 Uninstall . . . . .	5
3. System configuration	5
3.1 Configuration file . . . . .	5
3.2 Admin panel access . . . . .	6
3.3 Admin panel sections . . . . .	6
4. User management	6
4.1 Create a new user (Web UI) . . . . .	6
4.2 Create user via API (example) . . . . .	6
4.3 Roles . . . . .	7
4.4 Edit / disable / delete . . . . .	7
4.5 Bulk user import (CSV) . . . . .	7
5. License management	7
5.1 Check license status . . . . .	7
5.2 Activate a license . . . . .	7
5.3 License types (example) . . . . .	8
6. Security settings	8
6.1 Password policy (example) . . . . .	8

6.2 Session settings (example) . . . . .	8
6.3 IP filtering (optional) . . . . .	8
6.4 HTTPS configuration (optional) . . . . .	8
6.5 LDAP / Active Directory integration (optional) . . . . .	9
<b>7. Backup and restore</b>	<b>9</b>
7.1 Automatic backups (concept) . . . . .	9
7.2 Manual backup (examples) . . . . .	9
7.3 Restore (example) . . . . .	9
<b>8. Monitoring and logs</b>	<b>10</b>
8.1 Log files . . . . .	10
8.2 Log level . . . . .	10
8.3 Windows Event Log (examples) . . . . .	10
<b>9. Performance optimization</b>	<b>10</b>
9.1 Queue settings (example guidance) . . . . .	10
9.2 Database optimization (example) . . . . .	10
9.3 Disk cleanup (example) . . . . .	10
9.4 Memory monitoring (example) . . . . .	11
<b>10. Troubleshooting</b>	<b>11</b>
10.1 Service does not start . . . . .	11
10.2 Database connection error . . . . .	11
10.3 Upload errors . . . . .	11
10.4 OCR not working . . . . .	12
10.5 Slow performance . . . . .	12
<b>Appendix A: API references (example)</b>	<b>12</b>
<b>Appendix B: Admin panel shortcuts (example)</b>	<b>13</b>
<b>Contact and support</b>	<b>13</b>

# 1. Introduction

## 1.1 What is YesPDF?

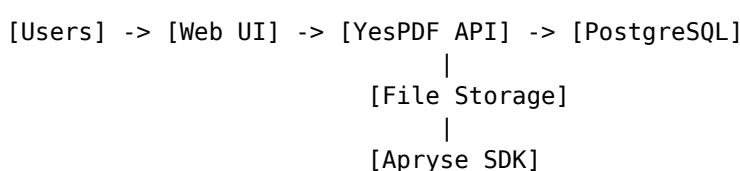
YesPDF Enterprise is a comprehensive solution for enterprise PDF workflows, including:

- Merge, split, rotate, compress
- PDF to Word/Excel/HTML conversions
- OCR for scanned documents
- Watermarking and protection
- Multi-user support
- LDAP/Active Directory integration (optional)

## 1.2 System requirements (summary)

Component	Minimum	Recommended
OS	Windows Server 2019	Windows Server 2022
CPU	4 cores	8+ cores
RAM	8 GB	16+ GB
Disk	SSD 100 GB	SSD 250+ GB
.NET	4.8+	4.8+

## 1.3 Architecture overview



# 2. Installation

## 2.1 New installation

- Run the setup file as Administrator:
- YesPDF\_Setup\_x.x.x.exe
- Follow the wizard:
- installation directory (default: C:\Program Files\YesPDF)

- PostgreSQL installation (automatic)
- Windows service creation
- After installation:

```
Get-Service postgresql*, YesPDF  
Start-Process "http://localhost:8000"
```

## 2.2 Upgrade

- Stop the service:

```
Stop-Service YesPDF
```

- Run the new installer into the same directory
- Start the service:

```
Start-Service YesPDF
```

## 2.3 Uninstall

- Control Panel -> Programs -> YesPDF Enterprise
- Select Uninstall
- Choose whether to remove the database (if prompted)

# 3. System configuration

## 3.1 Configuration file

Main configuration file: C:\Program Files\YesPDF\.env

```
HOST=0.0.0.0  
PORT=8000  
DEBUG=False  
  
DATABASE_URL=postgresql://postgres:password@localhost:5432/yespdf  
  
SECRET_KEY=your-secret-key-here  
ACCESS_TOKEN_EXPIRE_MINUTES=480  
  
UPLOAD_DIR=uploads  
MAX_UPLOAD_SIZE=104857600  
  
QUEUE_MAX_WORKERS=16  
QUEUE_MAX_OCR=4  
QUEUE_MAX_CONVERT=8
```

QUEUE\_MAX\_SIMPLE=16

## 3.2 Admin panel access

- Open <http://localhost:8000/admin>
- Default credentials (example):
- Username: admin
- Password: YesPdf123!

**IMPORTANT:** Change the admin password immediately after first login.

## 3.3 Admin panel sections

Section	Description
Dashboard	System overview and stats
Users	User management
Jobs	Operation logs
Settings	System settings
License	License management
Logs	System logs and errors

# 4. User management

## 4.1 Create a new user (Web UI)

- Admin Panel -> Users -> New User
- Fill:
  - Name
  - Email (used as username)
  - Password
  - Role (Admin/User)
- Click Create

## 4.2 Create user via API (example)

```
curl -X POST http://localhost:8000/api/admin/users -H "Authorization: Bearer $ADMIN_TOKEN"  
"email": "user@company.com",
```

```
    "password": "StrongPassword123!",
    "name": "Full Name",
    "role": "user"
}'
```

## 4.3 Roles

Role	Permissions
admin	Full access, system management
user	PDF operations, own documents

## 4.4 Edit / disable / delete

- Edit name/email
- Reset password
- Enable/disable account
- Delete account (note: user documents may also be deleted depending on policy)

## 4.5 Bulk user import (CSV)

```
email,name,password,role
user1@company.com,John Doe,Pass123!,user
user2@company.com,Jane Doe,Pass456!,user
```

# 5. License management

## 5.1 Check license status

Admin Panel -> License:

- license type
- start/end date
- user limit
- enabled features

## 5.2 Activate a license

- Admin Panel -> License -> Upload License
- Select .lic file
- Click Activate

## 5.3 License types (example)

Type	Description
Trial	30 days, 5 users
Standard	1 year, 25 users
Professional	1 year, 100 users
Enterprise	unlimited users

# 6. Security settings

## 6.1 Password policy (example)

- Minimum length: 8
- Require uppercase: yes
- Require lowercase: yes
- Require number: yes
- Special character: optional

## 6.2 Session settings (example)

- Session duration: 480 minutes (8 hours)
- Max concurrent sessions per user: 3
- Failed login limit: 5
- Lockout duration: 15 minutes

## 6.3 IP filtering (optional)

ALLOWED\_IPS=192.168.1.0/24,10.0.0.0/8  
BLOCKED\_IPS=1.2.3.4,5.6.7.8

## 6.4 HTTPS configuration (optional)

- Obtain a certificate (public CA or internal PKI)
- Place certificate files:
- C:\Program Files\YesPDF\certs\cert.pem
- C:\Program Files\YesPDF\certs\key.pem

- Update .env:

```
SSL_ENABLED=True  
SSL_CERT_FILE=certs/cert.pem  
SSL_KEY_FILE=certs/key.pem
```

- Restart the service.

## 6.5 LDAP / Active Directory integration (optional)

```
LDAP Server: ldap://dc.company.local  
Base DN: DC=company,DC=local  
Bind DN: CN=ldap_user,OU=Service,DC=company,DC=local  
Bind Password: *****  
User Filter: (objectClass=user)
```

# 7. Backup and restore

## 7.1 Automatic backups (concept)

- Enable backups in Admin Panel -> Settings -> Backup
- Schedule daily backups
- Keep last 30 days
- Store backups on a dedicated disk (example: D:\Backups\YesPDF)

## 7.2 Manual backup (examples)

Database:

```
$date = Get-Date -Format "yyyyMMdd_HHmmss"  
& "C:\Program Files\PostgreSQL\17\bin\pg_dump.exe" -U postgres -d yespdf -f "D:\Backups\yespdf_$date"
```

Files:

```
$date = Get-Date -Format "yyyyMMdd_HHmmss"  
Compress-Archive -Path "C:\Program Files\YesPDF\uploads" -DestinationPath "D:\Backups\uploads_$date"
```

## 7.3 Restore (example)

```
Stop-Service YesPDF  
& "C:\Program Files\PostgreSQL\17\bin\psql.exe" -U postgres -d yespdf -f "D:\Backups\yespdf_20260101_145959"  
Start-Service YesPDF
```

## 8. Monitoring and logs

### 8.1 Log files

Log	Location	Content
Application	logs\yespdf.log	API requests, errors
Operations	logs\operations.log	operation details
Security	logs\security.log	sign-in/out, access violations
PostgreSQL	PostgreSQL\data\log\	database logs

### 8.2 Log level

In .env:

LOG\_LEVEL=INFO

### 8.3 Windows Event Log (examples)

```
Get-EventLog -LogName Application -Source "YesPDF" -Newest 50
Get-EventLog -LogName Application -EntryType Error -Newest 20
```

## 9. Performance optimization

### 9.1 Queue settings (example guidance)

Users	WORKERS	OCR	CONVERT	SIMPLE
1-10	8	2	4	8
10-20	16	4	8	16
20-50	32	8	16	32

### 9.2 Database optimization (example)

```
CREATE INDEX idx_documents_user ON documents(user_id);
CREATE INDEX idx_documents_created ON documents(created_at);
VACUUM ANALYZE;
```

### 9.3 Disk cleanup (example)

```
Remove-Item "C:\Program Files\YesPDF\temp\*" -Recurse -Force  
  
Get-ChildItem "C:\Program Files\YesPDF\logs" -Filter "*.log" |  
Where-Object { $_.LastWriteTime -lt (Get-Date).AddDays(-30) } |  
Remove-Item
```

## 9.4 Memory monitoring (example)

```
Get-Process -Name python | Select-Object ProcessName,  
@{N='RAM_MB';E={[math]::Round($_.WorkingSet64/1MB,2)}}
```

# 10. Troubleshooting

## 10.1 Service does not start

```
Get-Service YesPDF | Select-Object Status, StartType  
Get-EventLog -LogName Application -Source "YesPDF" -Newest 10
```

Resolutions:

- Confirm PostgreSQL service is running
- Check port 8000 is not used by another application
- Review logs

## 10.2 Database connection error

```
Test-NetConnection -ComputerName localhost -Port 5432
```

Resolutions:

- Restart PostgreSQL
- Verify DATABASE\_URL in .env
- Check PostgreSQL logs

## 10.3 Upload errors

```
Get-Acl "C:\Program Files\YesPDF\uploads"  
Get-PSDrive C
```

Resolutions:

- Ensure write permissions
- Verify disk space
- Check MAX\_UPLOAD\_SIZE

## 10.4 OCR not working

Invoke-RestMethod <http://localhost:8000/api/ocr/status>

Resolutions:

- Verify Apryse license
- Confirm SDK files are present

## 10.5 Slow performance

Get-Counter '\Processor(\_Total)\% Processor Time'  
Invoke-RestMethod <http://localhost:8000/api/queue/status>

Resolutions:

- Increase queue limits carefully
- Increase server resources
- Reduce debug logging and clean old logs

# Appendix A: API references (example)

Authentication:

POST /api/auth/login  
POST /api/auth/refresh-token  
GET /api/auth/me

Documents:

POST /api/documents/upload  
GET /api/documents  
GET /api/documents/{id}  
DELETE /api/documents/{id}

PDF operations:

POST /api/pdf/rotate  
POST /api/pdf/compress  
POST /api/pdf/split  
POST /api/pdf/merge  
POST /api/pdf/watermark  
POST /api/pdf/convert-to-word  
POST /api/pdf/convert-to-excel  
POST /api/pdf/make-searchable

Admin:

```
GET /api/admin/users
POST /api/admin/users
PUT /api/admin/users/{id}
DELETE /api/admin/users/{id}
GET /api/admin/stats
```

## Appendix B: Admin panel shortcuts (example)

Shortcut	Action
Ctrl + S	Save
Ctrl + N	New
Ctrl + F	Search
Esc	Cancel/Close

## Contact and support

\*\*YES BİLİŞİM TEKNOLOJİLERİ\*\*

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