

# YesPDF Enterprise Administrator Guide

System Administration Manual

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# 1. Introduction

## 1.1 What is YesPDF?

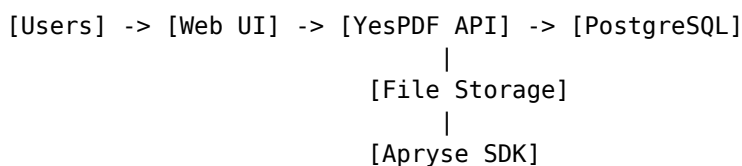
YesPDF Enterprise is a comprehensive solution for enterprise PDF workflows, including:

- 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" -d '{"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:

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

Files:

```
$date = Get-Date -Format "yyyyMMdd_HH:mm:ss"
Compress-Archive -Path "C:\Program Files\YesPDF\uploads" -DestinationPath "D:\Backups\uploads_$(date)"
```

## 7.3 Restore (example)

```
Stop-Service YesPDF
& "C:\Program Files\PostgreSQL\17\bin\psql.exe" -U postgres -d yespdf -f "D:\Backups\yespdf_2026-01-01_12:00:00.sql"
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 Apyse 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

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