

# Build FTP Service

- Write FTP Service

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```
apiVersion: v1
kind: Namespace
metadata:
  name: ftp
```

---

```
apiVersion: v1
kind: Secret
metadata:
  name: ftp-credentials
  namespace: ftp
type: Opaque
stringData:
  FTP_USER: ftpuser
  FTP_PASS: your-secure-ftp-password
```

---

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: vsftpd
  namespace: ftp
spec:
  replicas: 1
  selector:
    matchLabels:
      app: vsftpd
  template:
    metadata:
      labels:
        app: vsftpd
    spec:
      containers:
```

```
- name: vsftpd
  image: fauria/vsftpd
  ports:
  - containerPort: 21
  env:
  - name: FTP_USER
    valueFrom:
      secretKeyRef:
        name: ftp-credentials
        key: FTP_USER
  - name: FTP_PASS
    valueFrom:
      secretKeyRef:
        name: ftp-credentials
        key: FTP_PASS
  volumeMounts:
  - name: backup-storage
    mountPath: /home/vsftpd
  volumes:
  - name: backup-storage
    hostPath:
      path: /mnt/introvesia_pvc01/dbs/backups
      type: Directory
```

---

```
apiVersion: v1
kind: Service
metadata:
  name: vsftpd
  namespace: ftp
spec:
  selector:
    app: vsftpd
  ports:
  - port: 21
    targetPort: 21
```