3. Bookstack infra with Google auth, custom VPC

3. Bookstack infra with Google auth, custom VPC, RDS AutoBackup Off, Single-AZ, EC2. ≈$84.25

The **BookStack infrastructure** is designed **for a scalable and secure deployment**. It utilizes a **new VPC** for network isolation, **AWS Cognito** for **authentication**, and **RDS** for database management in a **Single-AZ** configuration with **AutoBackup disabled to optimize costs**. An **EC2 instance** powers the application, while **EFS Backup** ensures data persistence. **Secrets Manager** and **Systems Manager** enhance configuration security, and **CloudWatch Logs** provide real-time monitoring and troubleshooting capabilities.

Bookstack infra 3.png
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You can always update the current stack using a **Change Set** to enable:

• **RDS Multi-AZ** (`MultiAZ=true`) for high availability,

• **RDS AutoBackup** (`AutoBackup=true`) for automatic backups,

• **RDS Deletion Protection** (`DeletionProtection=true`) to prevent accidental deletion.

However, **you cannot switch from the default VPC to a custom one** because the **CIDR block differs**, preventing the stack from being updated.

For instructions on updating the stack using a **Change Set**, please refer to the **dedicated guide.**

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