

### **Short Activity: Differentiate the deployment strategies**

#### **1. What is the difference between Blue-Green Deployment, Canary Deployment, and Rolling Deployment?**

The **Blue-Green Deployment** changes the delivery environment from Blue to Green, where everything is complete and ready to use: **Canary Deployment** enables new version release to a very select group of users for the first time, then extends usage to the rest of the users: and **Rolling Deployment** integrates the new system over an indefinite period whereby only one instance is updated at any one time, thus helping to maintain the system during the whole process.

#### **2. Provide a good analogy of each strategy instead of examples.**

- **Blue-Green Deployment Analogy:** A theater that switches from one play to another through a quick change of set without having a break for the spectators.
- **Canary Deployment Analogy:** Like testing a new menu item with a few customers before making it available to everyone.
- **Rolling Deployment Analogy:** Like changing light bulbs in stadiums one row at a time and changing lights one row at a time while all others remain lit.