

# SOFTWARE DEPLOYMENT



# Deployment stage occurs at the end

Deployment means production deployment, release to users

Occurs after testing/QA and others have signed off on release



# Deployment planning

Largely determined by project scope

Includes planned steps, problem areas, and plans to recover



# Deployment Plan Concerns (Sections?)

Physical environment

Hardware

Documentation

Training

Database-related activities

3<sup>rd</sup> party software

Software being deployed

# Software deployment is the event of launching your product to users

Primarily focused on how to deliver and how to revert on failure

Deployment without rollback plans shouldn't happen

Document your rollback plans for error-reduced action under fire

Consider all aspects of the environment when writing the plan



# CUTOVER STRATEGIES

- Cold back-up storage
- Warm Standby
- Hot failover



Software cutover is a trade-off between cost and preparedness

Speed of recovery is directly proportional to cost of recovery

Hot failover allows you to redirect live data with minimal

Warm standby has services ready for initialization

Cold back-up is a replacement machine needing full setup

