

CONTINUOUS DELIVERY

SIGNIFICANCE TO BUSINESS

DEFINITIONS

- **Continuous delivery:** An engineering practice in which teams produce and release value in short cycles
- **Continuous Integration:** The practice of merging all developers' working copies to a shared mainline several times a day
- **Continuous deployment:** Engineering approach in which the value is delivered frequently through automated deployments.

BENEFITS OF CONTINUOUS DELIVERY

Business Cost saving

- Avoid cost as there are less bugs in production and time is spent testing and debugging
- Reduction in infrastructure costs because unused resources can be removed automatically
- Avoid cost because it help prevent embarrassing or costly security deficiency

BENEFITS OF CONTINUOUS DELIVERY

Cost Saving Cont'd

- Avoid cost due to human error, and hence faster deployments are enabled
- Reduce cost as developers spend less time on issues from new developers code

BENEFITS OF CONTINUOUS DELIVERY

Improvement of Revenue

- Increase revenue by releasing new value generating features quickly
- Increase revenue because Udapeople can go to market quicker compared to our current manual process
- Protect revenue by reducing downtime from a failed development

BENEFITS OF CONTINUOUS DELIVERY

Improve Revenue cont'd

- Prevent loss in revenue due failed deployment as this will be handled by reverting back to previous working state.
- Increase in customers as needs are being met, trust and confidence will be established