Lesson 3.6: Organizational Models in DevOps: Seven Characteristics

DEVOPS CULTURE AND MINDSET

Organizational Models in DevOps: Seven Characteristics



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Slide 1: Learning Objectives



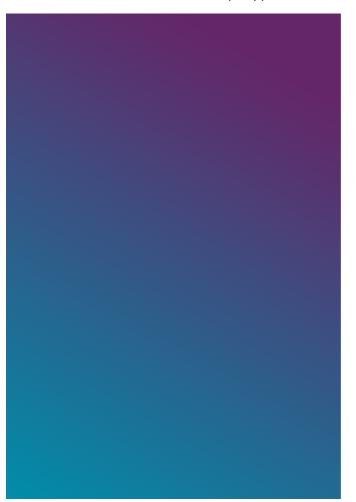
Learning Objectives

Discuss 7 characteristics of organizational models conducive to DevOps workflows

List these 7 important characteristics

Describe each of these 7 characteristics

Slide 2: Mechanics & Goals of a DevOps Approach



Mechanics & Goals of a DevOps Approach

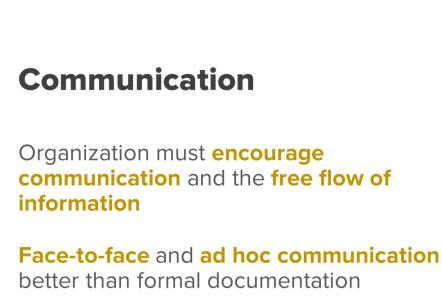
Must support and promote mechanics and goals of Dev Ops approach

Does it support **shortening** lead times?

Can it support **generating** rapid feedback?

Can teams be **autonomous** & **empowered**?

Slide 3: Communication



Avoid operating in cliques, and work to

collaborate between silos

Slide 4: Share Accountabilities



Share Accountabilities

Organization must share accountabilities

Supports goal of delivering high-quality and impactful software

Empowered teams given **responsibility** for a goal

Can you measure handoffs?

Do you have approval processes that impact flow?

Slide 5: Evaluate Risk Mitigation, Compliance, & Auditability



Evaluate Risk Mitigation, Compliance, & Auditability

Must be able to evaluate mechanisms related to **risk mitigation**, **compliance**, and **auditability**

Does the organizational structure **establish controls** required by compliance activities?

In DevOps, **security** and **compliance** become part of **product** and **delivery**

High-performing organizations have security automated within their pipelines

Slide 6: Capital One is a Good Example



Capital One is a Good Example

Learn more from video resources

See talks from DevOps Enterprise Summit

Read article: How Capital One is

Embracing Open Source

Slide 7: Distribution of Burdens



Distribution of Burdens

Must Allow for humane and fair distribution of burdens

Dev team **should not** "toss its product over the wall" to Ops team

Ops team **should not** constrain dev team so it's unable to meet users' goals

Slide 8: Value in Individuals



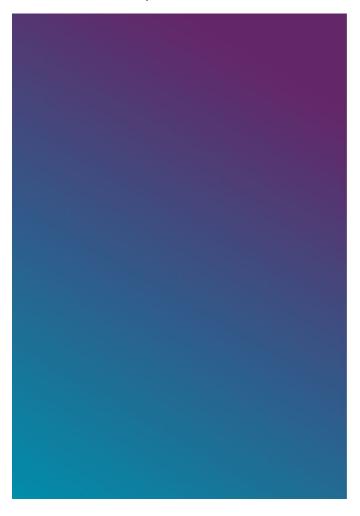
Must recognize value in the voice of individuals

Empower those closest to the action to use their **own judgment**

Does the structure require layers of approval before actions are taken?

Is the feedback of individual contributors regularly solicited?

Slide 9: Continuous Improvement



Continuous Improvement

Must be flexible enough to support continuous improvement

Can the organization easily **reconfigure itself** based on **learning** and **experience**?



Organizational structure is not only factor that encourages these 7 characteristics

But organizational structure can certainly be an obstacle to them

Review 7 characteristics until they're very familiar

We will build on them in future lessons