

Agile + DevOps **WEST**

A TECHWELL EVENT

AD54

DevOps Practices

4:30 PM

AD54 - A Successful DevOps Initiative Starts with Knowing Your Numbers

Presented by:

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Daring Systems

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Anne Hungate

Anne Hungate is an IT executive with more than twenty years' experience. Experimenting with both engineering practices and organizational design, Anne determined that people and trust are the keys to better software, while facts and data link IT results to business value. Anne is the president of Daring Systems, a consultancy practice that helps clients improve their productivity and profitability by understanding their software delivery supply chain. Anne has presented at local and national conferences, sharing the lessons learned over two decades of transformation and delivery. Anne holds her DevOps Foundation, DevOps Test Engineer, and professional coaching certifications and has earned both CSQA and PMP designations.

A Successful DevOps Initiative Starts with Knowing Your Numbers!

Anne Hungate

Daring Systems

@AnneHungate

June 2019

Do you know your numbers?



DevOps – What does it really mean?

- Wikipedia definition:
- DevOps (a clipped compound of "development" and "operations") is a software engineering culture and practice that aims at unifying software development (Dev) and software operation (Ops). The main characteristic of the DevOps movement is to strongly advocate automation and monitoring at all steps of software construction, from integration, testing, releasing to deployment and infrastructure management. DevOps aims at shorter development cycles, increased deployment frequency, and more dependable releases, in close alignment with business objectives.[1][2][3][4]

DevOps – What does it really mean?

- Anne's wise friend's definition:
- **“The collapse and automation of the software delivery supply chain”**

Key Take Aways

1. Know Your (DevOps) Risk Factors
2. Answer These Five Questions
3. Take Seven Simple Steps

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The AHA Risk Factors



RISK FACTORS THAT CAN BE MANAGED

You can control or treat these risk factors with lifestyle changes and your healthcare provider's help:

- | High blood pressure
- | Smoking
- | High blood cholesterol
- | Lack of regular activity
- | Obesity or overweight
- | Diabetes



RISK FACTORS YOU CAN'T CONTROL

You can't change these risk factors:

- | Age
- | Gender
- | Heredity (family health history)
- | Race
- | Previous stroke or heart attack

<https://www.goredforwomen.org/fight-heart-disease-women-go-red-women-official-site/know-your-risk/know-your-numbers/>

What are DevOps Risks Factors

Can Control/Manage

- How you communicate with other teams
- Standards you use
- Processes you enforce
- Tools you use

Cannot Control

- What competitors are doing
- Regulatory changes in your industry
- Changing customer pressures
- Moore's law – the rapid pace of technology change

Key Take Aways

1. Know Your Risk Factors
- 2. Answer These Five Questions**
3. Take Seven Simple Steps

What numbers does AHA ask you to know?

 **TOTAL CHOLESTEROL / HDL(GOOD CHOLESTEROL)** GET YOUR CHOLESTEROL CHECKED AND TALK TO YOUR DOCTOR ABOUT YOUR NUMBERS AND HOW THEY IMPACT YOUR HDL (GOOD) CHOLESTEROL AND YOUR OVERALL RISK

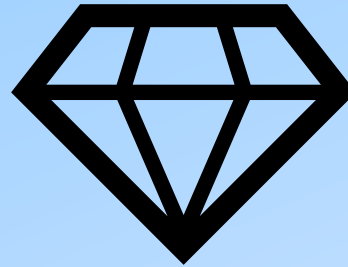
 **BLOOD PRESSURE** **120 / 80** mm Hg

 **FASTING BLOOD SUGAR** **100** mg / dL

 **BODY MASS INDEX (BMI)** **25** kg / m²

Five Questions to Answer

1. What is most important to the business?



Five Questions to Answer

1. What is most important to the business?

2. Which projects are the highest priority?



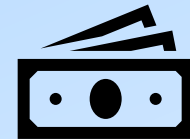
Grow Business



Protect Brand



Reduce Risk



Reduce Cost

Five Questions to Answer

1. What is most important to the business?
2. Which are the highest priority?
3. Are the right people assigned to the right projects at the right time?



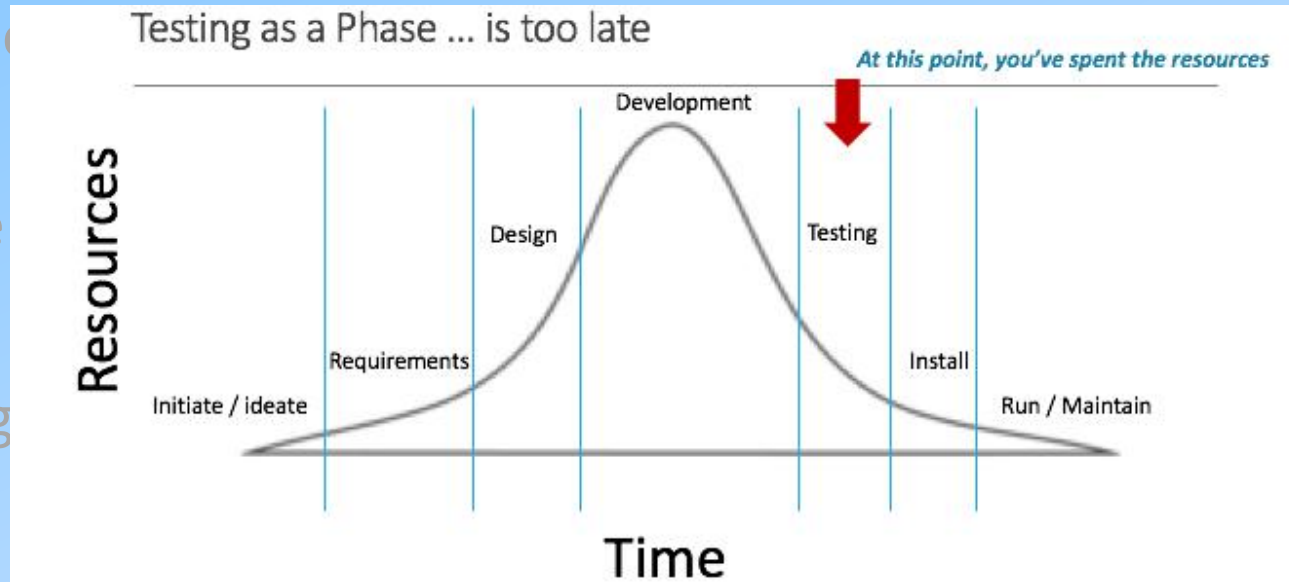
Five Questions to Answer

1. What is more

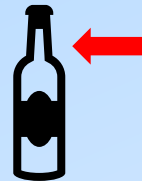
2. Which are

3. Are the right

4. What step in the delivery process is the long pole in the tent?

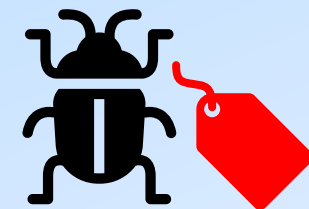


t time?



Five Questions to Answer

1. What is most important to the business?
2. Which are the highest priority?
3. Are the right people assigned to the right projects at the right time?
4. What step in the delivery process is the long pole in the tent?
5. What piece of technical debt costs the most?



Key Take Aways

1. Know Your Risk Factors
2. Answer These Five Questions
3. **Take Seven Simple Steps**

AHA 7 Steps

03.

TAKE ACTION WITH LIFE'S SIMPLE

7



1. MANAGE BLOOD PRESSURE

High Blood Pressure is a major risk factor for Heart Disease and Stroke. When your Blood Pressure stays within healthy ranges, you reduce the strain on your heart, arteries, and kidneys, which keeps you healthier longer.

[LEARN HOW TO MANAGE YOUR BLOOD PRESSURE](#) >



2. CONTROL CHOLESTEROL

High Cholesterol contributes to plaque, which can clog Arteries and lead to Heart Disease and Stroke. When you control your Cholesterol, you are giving your arteries their best chance to remain clear of blockages.

[LEARN HOW TO CONTROL YOUR CHOLESTEROL](#) >



3. REDUCE BLOOD SUGAR

Most of the food we eat is turned into glucose (or blood sugar) that our bodies use for energy. Over time, high levels of Blood Sugar can damage your heart, kidneys, eyes, and nerves.

[LEARN HOW TO REDUCE YOUR BLOOD SUGAR](#) >



4. GET ACTIVE

Living an active life is one of the most rewarding gifts you can give yourself and those you love. Simply put, daily physical activity increases your length and quality of life.

[LEARN HOW TO GET ACTIVE](#) >



5. EAT BETTER

A healthy diet is one of your best weapons for fighting Cardiovascular Disease. When you eat a heart-healthy diet, you improve your chances for feeling good and staying healthy - for life!

[LEARN HOW TO EAT BETTER](#) >



6. LOSE WEIGHT

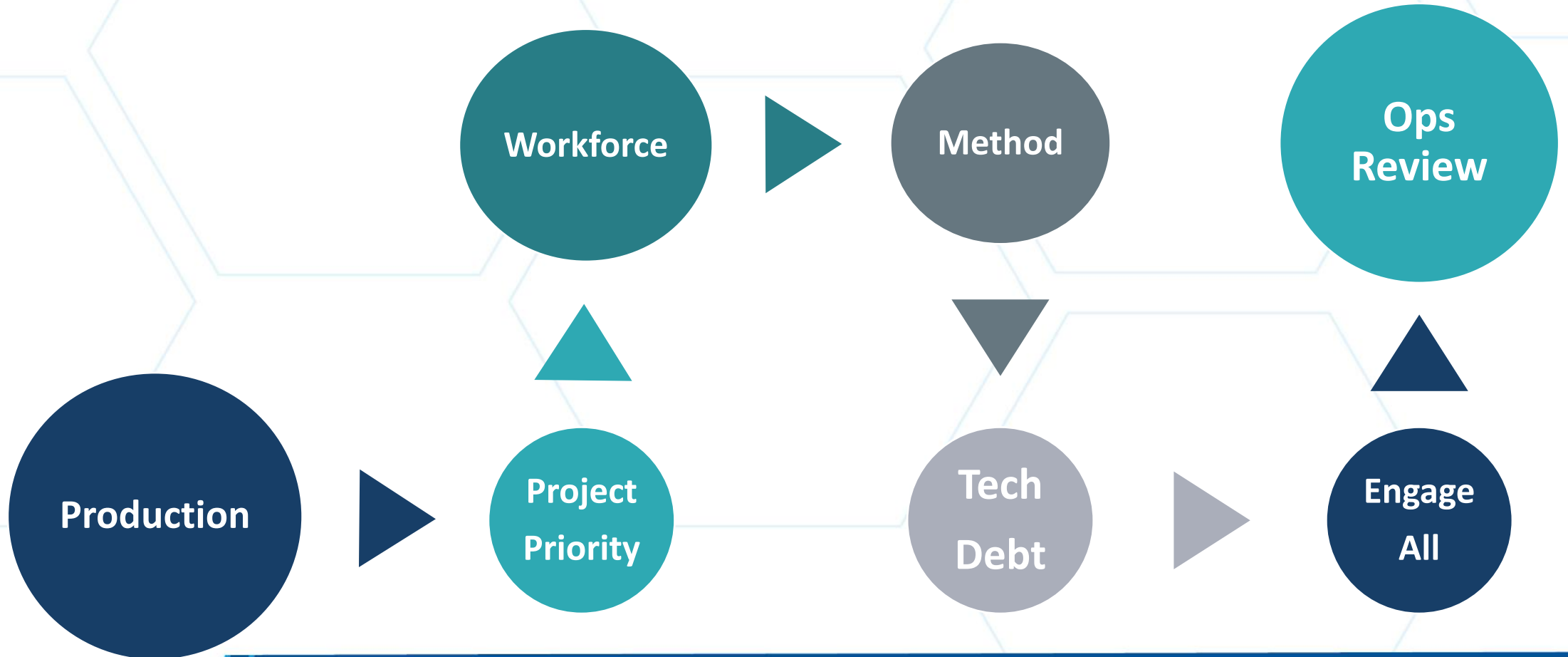
When you shed extra fat and unnecessary pounds, you reduce the burden on your heart, lungs, blood vessels and skeleton. You give yourself the gift of active living, you lower your Blood Pressure and you help yourself feel better, too.



7. STOP SMOKING

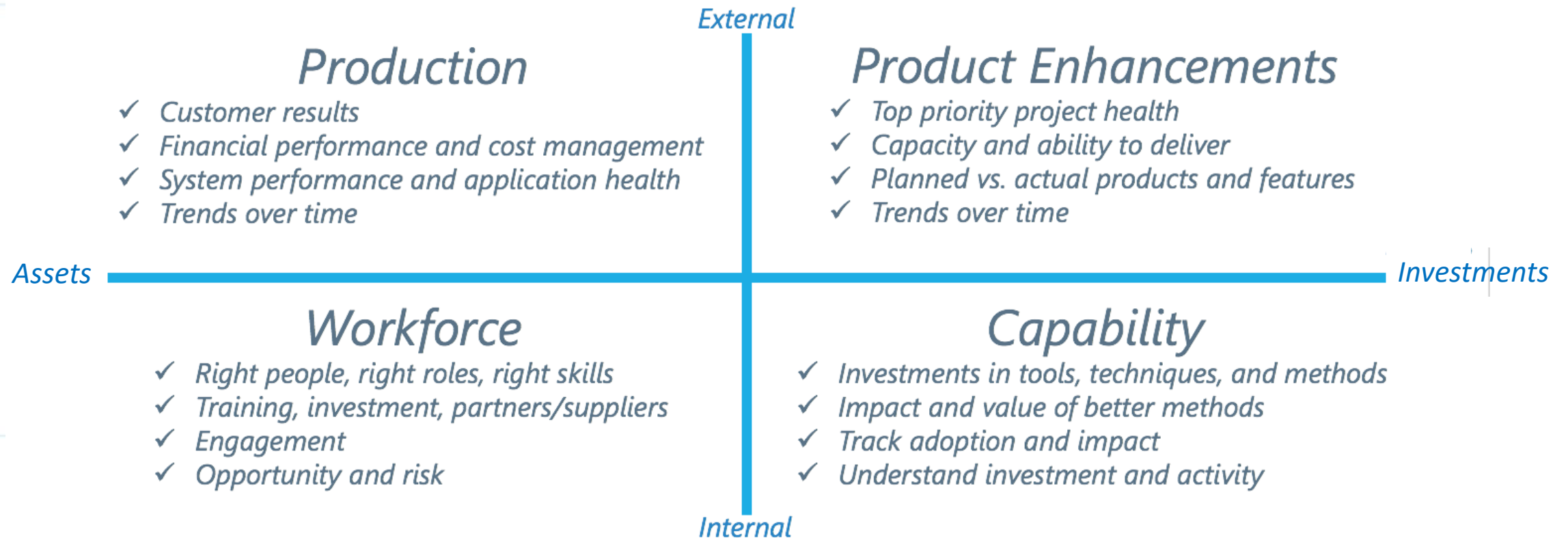
Cigarette smokers have a higher risk of developing Cardiovascular Disease. If you smoke, quitting is the best thing you can do for your health.

7 Steps to remove DevObstacles



FBO Framework

- Fact-based operations – keep the 7 steps ALIVE!



More at:

www.DaringSystems.com

Thank you for your time.

**Please read the full white paper at
Daring Systems Web site – and
join the conversation.**

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