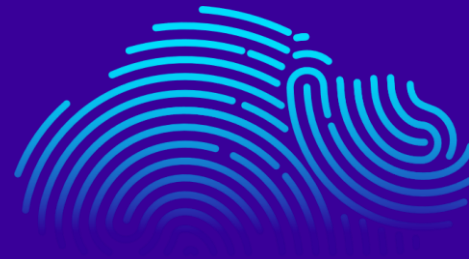


# Building Yourself Into a Strong Identity Practitioner

Blue Team Con 2023



**Eric on  
Identity**

# Building Yourself Into a Strong Identity Practitioner



**Eric Woodruff**



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**Microsoft Security MVP**

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## Identity Is the New Perimeter

## Identities: The New Enterprise

# Microsoft's Ann Johnson: 'Identity is the new perimeter'

Risk

⌚ 6 MIN READ 📄 NEWS

## Is Identity The New Perimeter?

Network controls can't scale with cloud and mobile, so CISOs are using IAM as the new lever for security control around corporate access



Dark Reading Staff

Dark Reading

February 08, 2013

TECHNOLOGIES &amp; SOLUTIONS | MANAGE

SECURITY LEADERSHIP AND MANAGEMENT

## Identity is the new

By Nati Hazut

## Seeing Identity as the New Firewall

Register for SECtember today. Early Bird rate expires August 18th!

IDENTITY-SECURITY FIRST

## y-First Security is

WEBINAR

IDENTITY

CSO

Home • Security • Identity is the new perimeter

by John Hawley

## Identity is the new perimeter

Feature

Sep 17, 2012

6 mins

Access Control

Careers

Identity Management Solutions

91% of phishing attacks target credentials.<sup>1</sup>

70% of data breaches involve stolen or weak credentials.<sup>2</sup>

51% of people reuse the same passwords.<sup>3</sup>

## Identity as the New Perimeter

using identity as the center point between individuals and technology,



Identity is the new perimeter

**IAM IN  
2003**



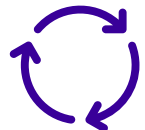
**IAM IN  
2023**





**INFORMATION SECURITY**

**IDENTITY**



Change  
Management



Consumer  
Identity



Cryptography



Standards



User Experience



Regulations



Business  
Processes



Operations



Societal Factors



Security



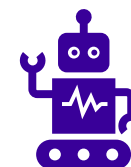
Workforce  
Identity



Device  
Management



Biometrics

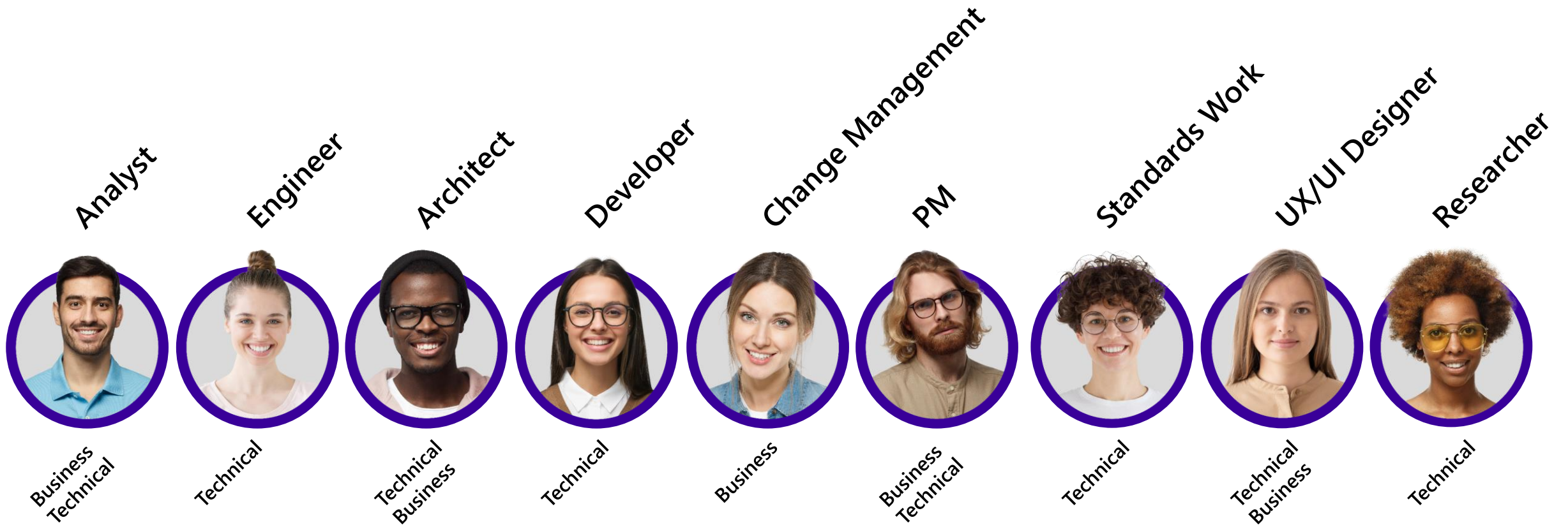


Machine  
Identity



Secure  
DevOps







## 1 Understand networking and DNS

# Lessons Learned

Service desk  
experience brings  
value

# Lessons Learned

3 Systems admin  
experience brings  
value

# Lessons Learned

## Learn Active Directory



# Lessons Learned



Don't focus  
on a single  
identity stack



## Study red team tooling



# Lessons Learned

**7** Build a lab

# Lessons Learned

Learn OAuth 2,  
SAML and  
OpenID Connect



# Lessons Learned

## Understand modern Identity

# Lessons Learned


Hold a  
growth  
mindset

10





imgflip.com



iam

United States

Jobs

Past month


Full-time 1

Experience level

iam in United States

22,347 results

Set alert



Azure/M365 Security Architect


Quzara LLC

United States (Remote)

6 benefits

Premium tip: you'd be a top applicant

Promoted • Easy Apply




Architect

Hutton

Wichita, Kansas Metropolitan Area (On-site)

7 benefits

Promoted • 10 applicants



Identity & Access Manager


Farm Credit Financial Partners, Inc.

Springfield, Massachusetts Metropolitan Area (Hybrid)

401(k), +4 benefits

Actively recruiting

Promoted • Easy Apply



Identity & Access Management Architect

Bernard Nickels & Associates

Florida, United States (Hybrid)



# Regarding Certifications

## **CCSK, CISSP, CCSP**

- Weak on identity topics
- Many employers may still look for them

## **CompTIA Security+**

- Stronger identity foundation and topics

# Regarding Certifications

## Vendor Certifications

- Good value/cost ratio
- Many employers look for them
- Extend beyond the core identity certs

# Regarding Certifications

## IDPro Certified ID Professional (CIDPRO)

- Only vendor-agnostic professional cert
- Identity focused
- Based on two-years experience
- No CPE requirements
- Still low market saturation



# Organizations

## IDPro

- [www.idpro.org](http://www.idpro.org)
- Membership fee
- Organizational and individual membership
- Make your employer pay 😊

## Women in Identity

- [www.womeninidentity.org](http://www.womeninidentity.org)
- Free

# Resources

A resources blog article will be published on [www.ericonidentity.com](http://www.ericonidentity.com) that relates to this talk