The role of an Executive Individual Contributor in Major Transformation

Rosalind Radcliffe

IBM Fellow, CIO DevSecOps CTO

IBM

Career Milestones

Rosalind Radcliffe

IBM Fellow,
CIO DevSecOps CTO

Location: Research Triangle Park
IBM Tenure: 36 years

Key Skills:
- Developer Experience
- Enterprise Modernization
- DevSecOps
- IBM Z

IBM | Career Map

Career Milestones

NOW

Too much travel

Y2k project

Second child is born

Tivoli Customer Test

Corp award Cloud Native Dev z/OS

IBM Fellow

CIO DevSecOps CTO

DevOps Evangelist of the year 2019

Invited to DevOps Forum

DE Corp Board Reviewer

Tivoli Services

First Plateau

"You need to be in Dev to get what you want."

Family tragedy 2 children

Appointed Academy Leadership Team

Fourth Plateau

Academy of Technology Member

First child is born

S&D User Group Relations

Tivoli Dev

OTA

Family tragedy

Dist. Engineer

Master Inventor

Move to Rational

Driving industry to new standard

User Interface Design

AIM assignment

Corp award CTRE

BS Computer Science

Married

IBM ISPF

"It's who knows you."

SOA Manage Scenarios

OTA

STSM

Personal

Awards

Job Change

Achievement

IBM's CIO Portfolio

Business Applications

Payroll, benefits, hiring, learning, career, well being	Lead generation, marketing operations	Procurement, supply chain, global logistics
Accounting, pricing, financing, tax, treasury	Sales incentives, sales analytics, engage support	Building operations, energy, environment
Configure-price-quote, order-to-cash, invoicing	Client and partner relationship management	Customer support, multi-vendor services

Digital Workplace Solutions

>100,000 workstations	**3.5 billion+** mail messages	**82 million** searches
>50,000 mobile devices	**197 million** w3id logins	**736,000** IT support tickets

Hybrid Cloud Platform

6 public & private cloud regions	11 global data centers decreasing	10 global network points of presence
2K apps on hybrid cloud	> 56 petabytes storage	

The Challenge:

11 Data Centers

1K+ managed as Pets

Separated business

4 Data Centers

Standardized
Automated

Entirely New
Team

1Q2022 approx
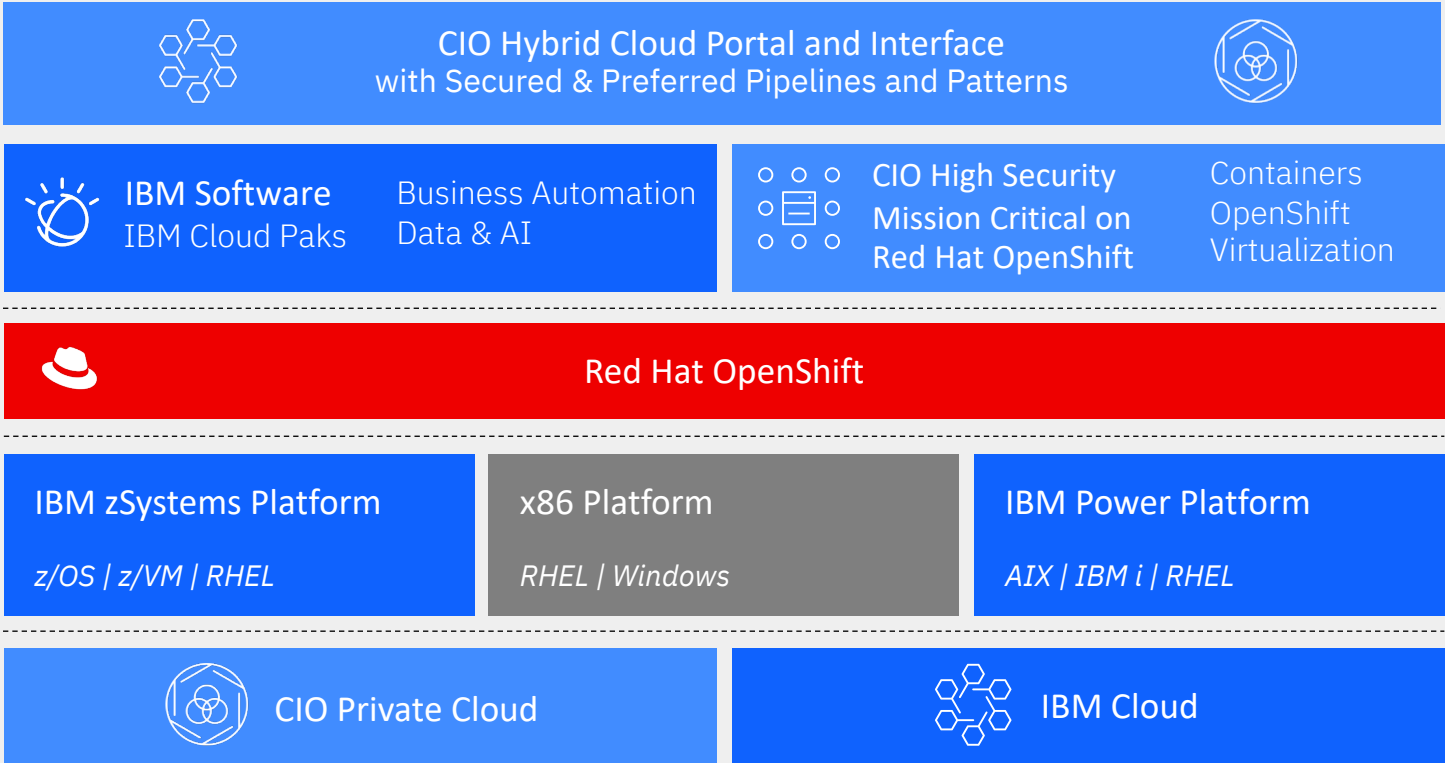
4Q2023

New World

Seamless integration using intelligent workload placement logic to run workloads in the right place for business needs

Pervasive encryption on IBM zSystems to secure critical data

Consolidated workloads for performance, energy efficiency, insights, and resiliency

Client 0 to showcase how Hybrid cloud can truly work

CIO Hybrid Cloud Portal and Interface
with Secured & Preferred Pipelines and Patterns

IBM Software
IBM Cloud Paks

Business Automation
Data & AI

**CIO High Security
Mission Critical on
Red Hat OpenShift**

Containers
OpenShift
Virtualization

Red Hat OpenShift

IBM zSystems Platform

z/OS | z/VM | RHEL

x86 Platform

RHEL | Windows

IBM Power Platform

AIX | IBM i | RHEL

CIO Private Cloud

IBM Cloud

Modernization

Simplified architecture to increase resiliency and reduce maintenance cost and effort

Automated pipeline for "zero-touch operations" to avoid human errors and accelerate time to value

Self-healing and operational efficiency of core systems through AI and ML

Decoupled maintenance of applications from infrastructure to ensure applications can easily evolve and be kept up to date

Help needed

Recognizing the value of the Individual contributor within large enterprises. Many of us are not "managers" but provide real value to the organizations we work for

New collar talent to help grow diversity and drive innovation

Rotation program within organizations to learn new skills, drive creativity, and foster continuous learning

Contact me:

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Thank you