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SQNDG

Future of Networks, Networking, and Networkers

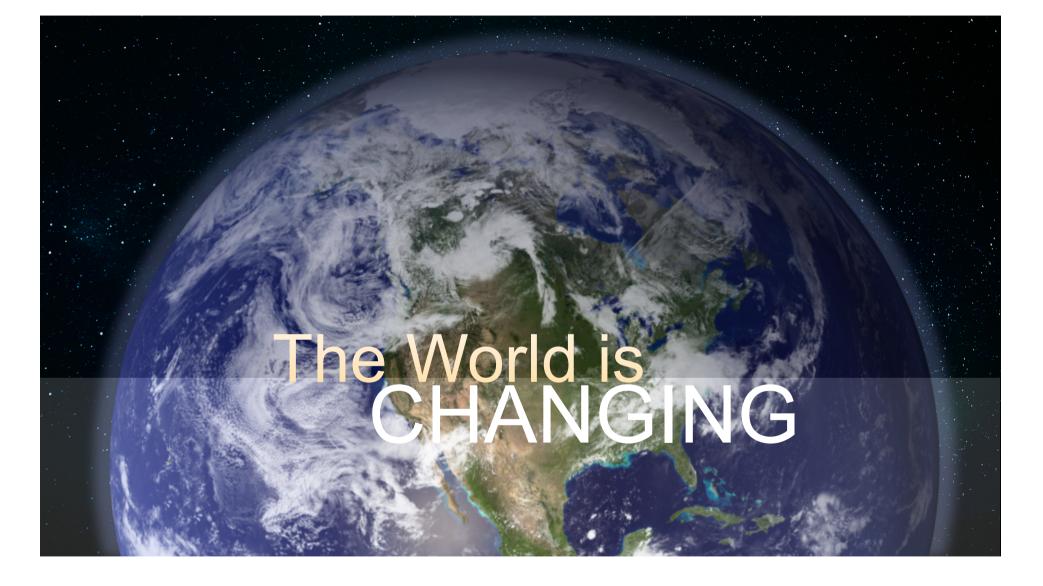
Driving Workforce Demands

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January 23, 2017



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And it's CHANGING FAST

Market Transitions

> Technology Transitions

Economic Transitions

PACE OF CHANGE²

Agenda



Job Role Evolution



Technology Evolution



Career Evolution

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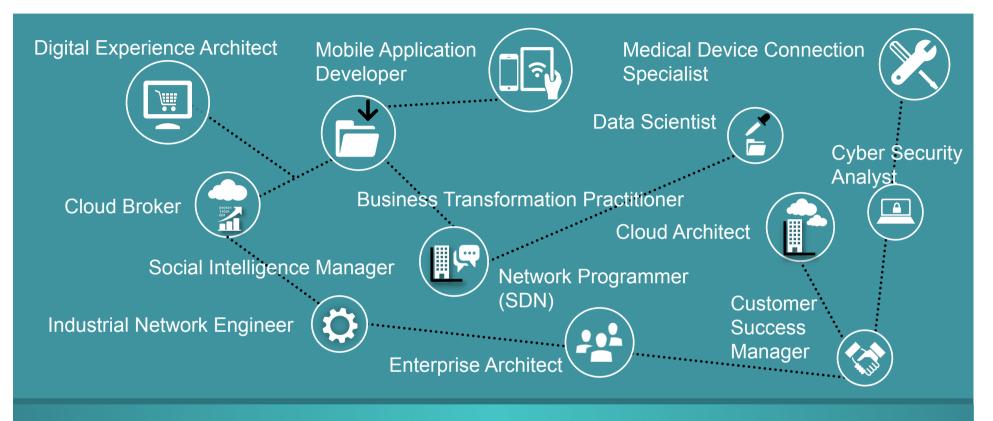
Job Role Evolution

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Preparing for the Jobs of The Future

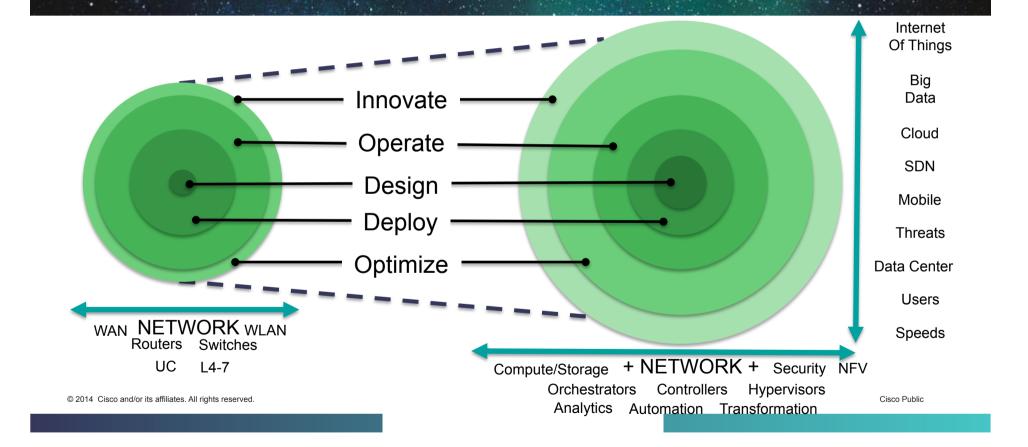
Are you Ready?



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Networker Responsibilities Are Growing



Job Roles Are Shifting for the Networker

Do LESS of...

- Device configurations
- Continuous operations
- Box deployments
- Monitoring and reporting
- CLI entries and scripting
- Hands-on repairs/deployments
- Reactive management tasks

Do MORE of...

- Business/IT innovation
- Architectural (End-to-End) design
- Network analytics & optimization
- Programming API versus CLI
- Comprehensive policy mgmt
- Systems Integration/validation
- Proactive management tasks

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So Are Requirements for IT Hiring Managers

Looking for LESS...

- Low end silo teck positions
- Strict operational focus
- Network-only interests/intelligence
- Hardware-centric expertise
- Limited integration/test skills
- Constrained private network view
- Reactive management approach

Looking for MORE...

- Business-IT-network analysis
- "System" design expertise
- Network optimization focus
- Top-down application perspective
- Technology innovation
- Software best practice experience
- Cloud integration or provisioning

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Technology Evolution (*)

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Digitization Is Changing The World

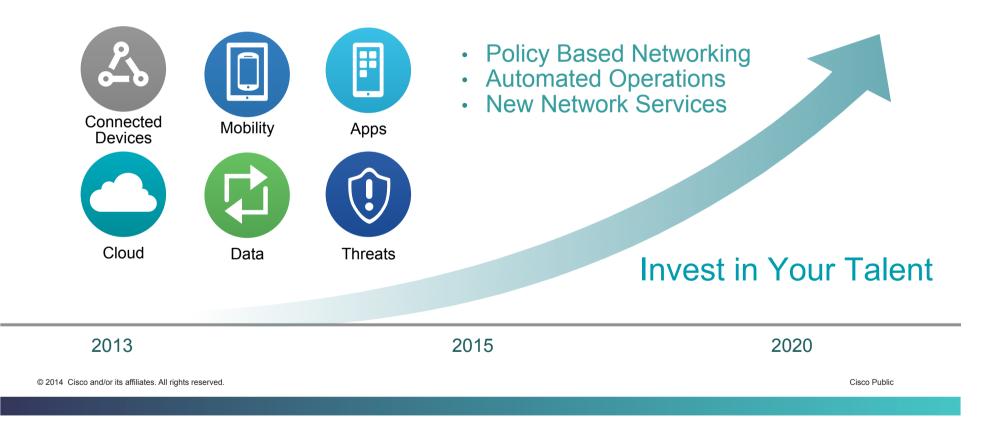
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Mindset: How do I Stay Competitive and Relevant

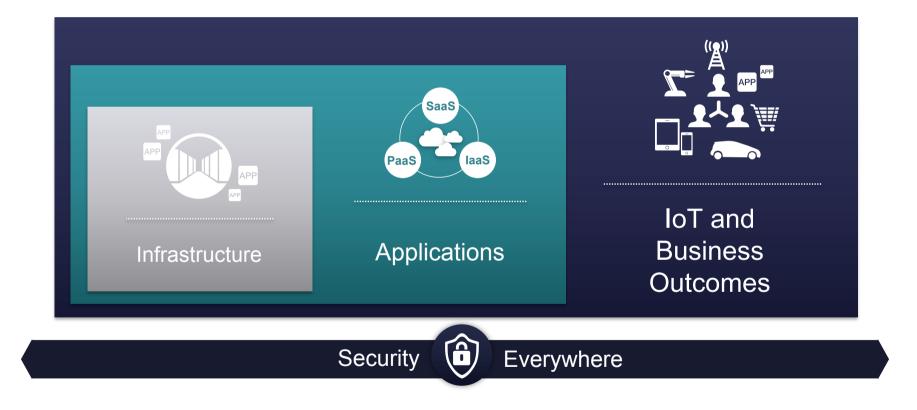


Consumer Demands and Speed of Change Are Pushing Companies into New Business Models

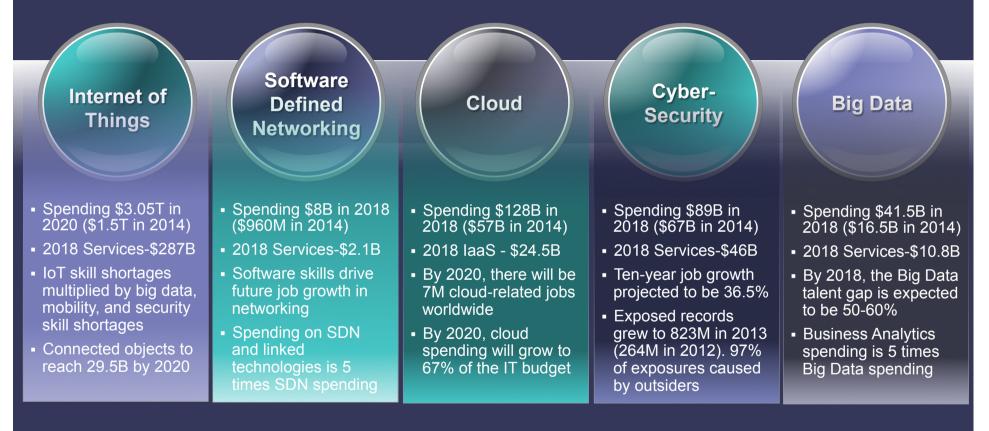
The Network is Changing and Growing in Importance Software is the Path Toward Orchestration and Outcomes



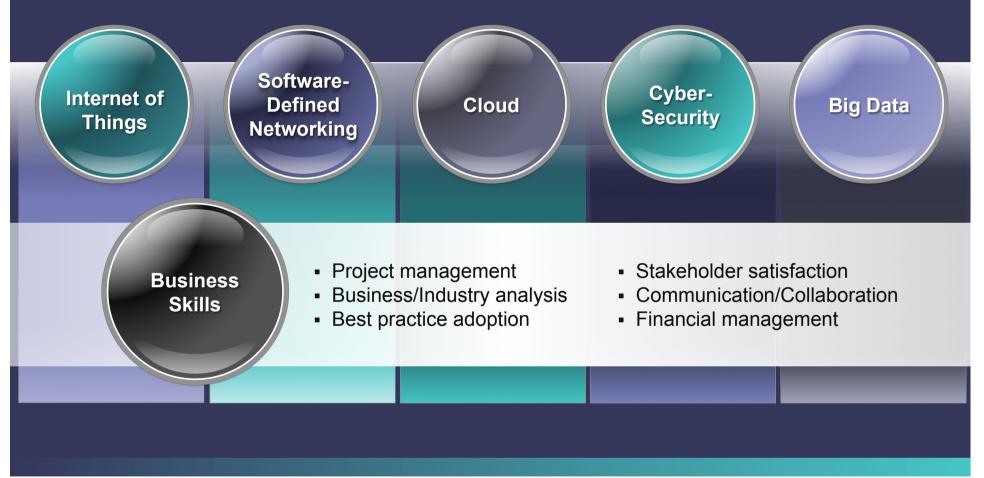
A Broad Perspective Is Required...



Technology Changes Are Accelerating...







Career Evolution 🕑

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We have entered a global economy where talent and skills shortages challenge world economic and business growth around the world.

"

Klaus Schwab Chairman, World Economic Forum

Knowledge and Skills Gaps are Constraining LoB Results

Current Approaches to Developing Digital Skills are Broken

Companies realize the digital skills gap and its importance

are investing in

developing digital skills

Over of companies lack digital skills of companies feel digital transformation is a competitive opportunity Yet, they are not investing in digital skills

46%

Source: Capgemini and MIT Center for Digital Business

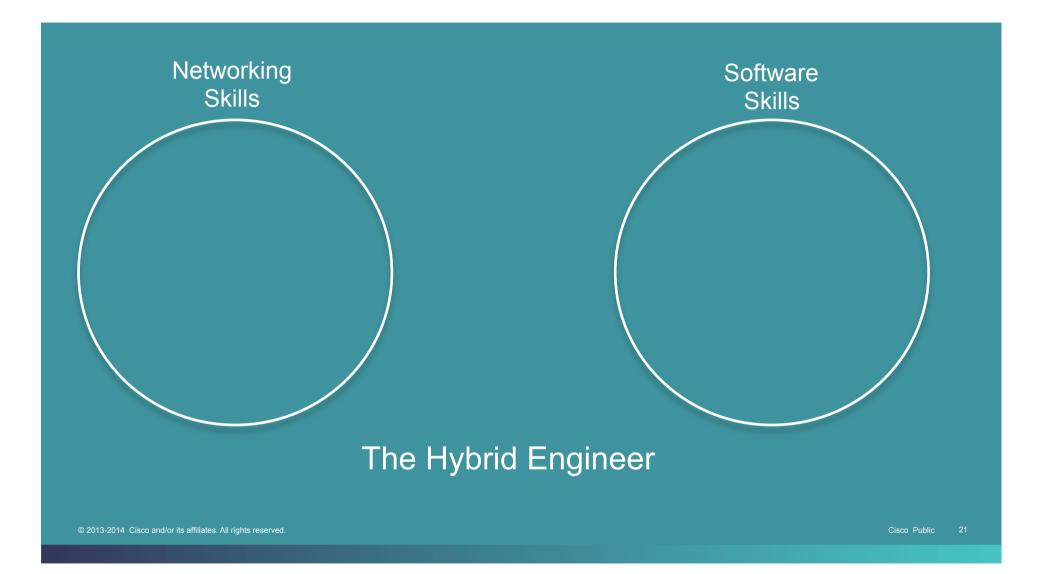
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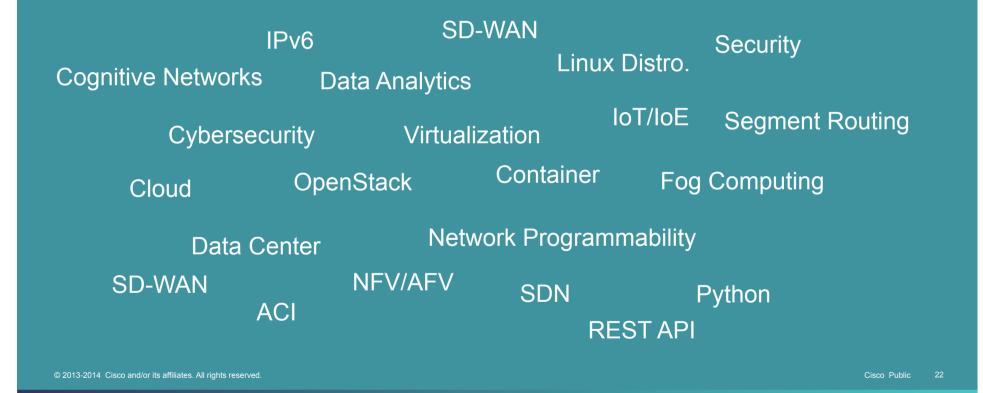
Global Rank	Challenges	Score
1	Human Capital	2.44
2	Operational Excellence	2.10
3	Innovation	1.99
4	Customer Relationships	1.72
5	Global Political/economic Risk	1.68
6	Government Regulations	1.55
7	Global Expansion	1.31
8	Corporate Brand and Reputation	0.92
9	Sustainability	0.82
10	Trust in Business	0.46

Source: Gartner

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Technology Tip



Questions to ask yourself...

□ Do I have a complete and honest view of my talent?

□ Is my talent moving in lock-step with technology advancements? And ahead of customer IT and business requirements?

Are my customer interactions, contributions and

- projects expanding inside of IT? Outside of IT?
- Am I accelerating my skills, solutions, and services towards hot technology and business areas?

Thank you.

#