

# Resources for Understanding Cybersecurity



This Resource Guide has been put together for you to gain a foundational understanding of Cybersecurity

## TOPICS

Best Practice

Careers & Teams

Industry Guides

Compliance

Cloud

Ransomware

ICS

Vulnerability Management

Phishing

IAM

IoT

Bonus Content

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Tripwire, INTEGRITI, (ISC)<sup>2</sup>, Cisco, Thales, Cybersreason, Ampcus Cyber, Orignix, Venafi, Sentinel IPS, ReliaQuest, Techspective, Information Security Buzz

# Best Practice

Topic	Link
Creating Cybersecurity Team	<a href="#"><u>How to Build a Remote Security Team</u></a>
Training	<a href="#"><u>Cybersecurity Training: Raising Awareness And Securing Your Business</u></a>
Culture	<a href="#"><u>Creating a Cybersecurity Culture</u></a>
Cybersecurity is Everyone's Job	<a href="#"><u>Cybersecurity is Everyone's Job</u></a>
Risk Management	<a href="#"><u>How to Apply the Risk Management Framework (RMF)</u></a>
NIST	<a href="#"><u>NIST Cybersecurity Framework – The Key to Critical Infrastructure Cyber Resiliency</u></a>
CIS	<a href="#"><u>Center for Internet Security (CIS) Controls: Your Complete Guide of the Top 20</u></a>
MitreATT&CK	<a href="#"><u>The MITRE ATT&amp;CK Framework: What You Need to Know</u></a>
Compliance Program	<a href="#"><u>Cloud Compliance Best Practices: A Quick Overview</u></a>

# Careers & Teams

Topic	Link
Why Choose Cybersecurity	<a href="#"><u>Why Cybersecurity is Great Choice</u></a>
Getting Started	<a href="#"><u>11 Resources to Help You Get Started in the Cybersecurity Industry</u></a>
Paths to Cybersecurity	<a href="#"><u>Diversity in Cybersecurity: A Mosaic of Career Possibilities</u></a>
Skills Gap	<a href="#"><u>Expert Guide to Tackling Skills Gap</u></a>
Professional Development	<a href="#"><u>Security for Life: Promoting the Development of a Security Professional</u></a>
Training	<a href="#"><u>11 Respected Providers of IT Security Training</u></a>
Burnout	<a href="#"><u>8 Daily Practices to Avoid Cybersecurity Burnout</u></a>
Role of CISO	<a href="#"><u>CISO Interview Series: How Aiming for the Sky Can Help Keep Your Organization Secure</u></a>
Getting Experience	<a href="#"><u>How to Get the Experience You Need to Pursue SSCP</u></a>
Working from Home	<a href="#"><u>6 Cybersecurity Tips for Working from Home</u></a>
Mobile Security	<a href="#"><u>2021 Cybersecurity: Mitigating Mobile Security Risks for CISOs</u></a>
Insider Threats	<a href="#"><u>How to Secure Hybrid Teams Against Insider Threats</u></a>
Checklist	<a href="#"><u>Checklist for Securing Remote Working Environments</u></a>

# Industry Guides

Topic	Link
Auto Industry	<a href="#"><u>5 Cybersecurity Considerations for the Auto Industry</u></a>
Aviation	<a href="#"><u>The Aviation Industry Needs to Move Towards Cyber Resilience</u></a>
Banking	<a href="#"><u>How can banks succeed in the digital banking era?</u></a>
Construction	<a href="#"><u>Cybersecurity Challenges in the Construction Industry</u></a>
Critical Infrastructure	<a href="#"><u>Industrial Cybersecurity: Guidelines for Protecting Critical Infrastructure</u></a>
eCommerce	<a href="#"><u>Newbie Retailer's Guide to E-commerce Security</u></a>
Electricity	<a href="#"><u>Achieving CIP Compliance, NERC-Style</u></a>
Finance	<a href="#"><u>Cyber Risks for Financial Institutions</u></a>
Healthcare	<a href="#"><u>Security with Life &amp; Death Consequences</u></a>
Hospitality	<a href="#"><u>Malicious Actors Reserving Their Cyber Attacks for the Hospitality Industry</u></a>
Maritime	<a href="#"><u>U.S. National Cybersecurity Plan Promises to Safeguard Maritime Sector</u></a>
Oil & Gas	<a href="#"><u>Securing the Oil &amp; Natural Gas Pipelines</u></a>
Transportation	<a href="#"><u>Transportation Systems Sector Cybersecurity Framework Implementation Guide</u></a>
Water	<a href="#"><u>15 Cybersecurity Fundamentals for Water and Wastewater Facilities</u></a>

# Compliance

Topic	Link
Overview	<a href="#"><u>The Hidden Benefits of Compliance</u></a>
HIPAA	<a href="#"><u>Understanding the HIPAA Security Rule: What you Need to know</u></a>
PCI	<a href="#"><u>A Beginner's Guide to PCI Compliance</u></a>
GDPR	<a href="#"><u>The Ultimate GDPR Checklist</u></a>
California	<a href="#"><u>Are you prepared for CCPA? What you need to know</u></a>
FedRAMP	<a href="#"><u>FedRAMP and Federal Cloud Security</u></a>
CMMC	<a href="#"><u>CMMC – What you need to know</u></a>
FISMA	<a href="#"><u>How to Pick the Right Solution for FISMA SI-7 Compliance</u></a>
NERC CIP	<a href="#"><u>NERC CIP Audit Field Guide</u></a>
NIS	<a href="#"><u>NIS Compliance</u></a>



# Cloud

Topic	Link
Training	<a href="#"><u>Skills for Professionals</u></a>
Fundamentals	<a href="#"><u>What is Different about Cloud Security</u></a>
Migration	<a href="#"><u>Tips for Cloud Migration</u></a>
Fundamentals for Azure	<a href="#"><u>8 Cloud Security Best Practice Fundamentals for Microsoft Azure</u></a>
CIS Foundations for Cloud Security	<a href="#"><u>How the CIS Foundations Benchmarks Are Key to Your Cloud Security</u></a>
Multi-Cloud	<a href="#"><u>The Many Challenges of a Multi-Cloud Business Environment</u></a>
Storage Misconfiguration	<a href="#"><u>Cloud-Based Storage Misconfigurations – Understanding the Security Risks and Responses</u></a>
Resources	<a href="#"><u>6 Cloud Security Resources that You Should Be Using</u></a>
Compliance	<a href="#"><u>Overcoming Compliance Issues in Cloud Computing</u></a>
Team	<a href="#"><u>Is Your Security Team Cloud Ready?</u></a>

# Ransomware

Topic	Link
Overview	<a href="#"><u>The Digital Pandemic – Ransomware</u></a>
Evolving Threat	<a href="#"><u>The Evolving Threat of Ransomware</u></a>
NIST Guide	<a href="#"><u>NIST Releases Guidelines for Managing the Ransomware Risk</u></a>
History	<a href="#"><u>A Brief History of Ransomware Evolution</u></a>
Ransomware as a Service	<a href="#"><u>What is Ransomware-as-a-Service and How Does it Work?</u></a>
Types of Ransomware	<a href="#"><u>REvil, Ryuk and Tycoon Ransomware: How They Work and How to Defend Against Them</u></a>
Costs	<a href="#"><u>Ransomware Prevention vs. Recovery: Which Costs Businesses More?</u></a>
Double Extortion	<a href="#"><u>Rise of Double-Extortion Shines Spotlight on Ransomware Prevention</u></a>
Ransomware in OT	<a href="#"><u>Contextualizing the Ransomware Threat Confronting OT Environments</u></a>

# Industrial Control Systems



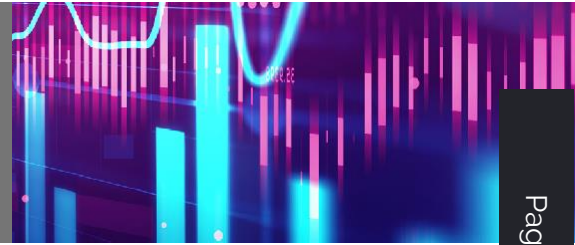
Topic	Link
Overview	<a href="#"><u>Securing Industrial Control Systems</u></a>
Resource Guide	<a href="#"><u>8 Top Technical Resources for ICS Security Professionals</u></a>
Risk Management	<a href="#"><u>ICS Risk &amp; Vulnerability Assessment</u></a>
USB Threats	<a href="#"><u>Report: USB threats to ICS systems have nearly doubled</u></a>
Challenges	<a href="#"><u>ICS Security: What It Is and Why It's a Challenge for Organizations</u></a>
Health & Safety Environments	<a href="#"><u>Why is Health, Safety and Environment (HSE) dependent on ICS Cybersecurity?</u></a>
IT-OT Convergence	<a href="#"><u>Securing Industrial Control Systems</u></a>

# Vulnerability Management



Topic	Link
Crowd Sourced Opinions	<a href="#"><u>Vulnerability Management: Myths, Misconceptions and Mitigating Risk</u></a>
Guide to	<a href="#"><u>SMB Guide to Vulnerability Management</u></a>
Best Practices	<a href="#"><u>Vulnerability Management Program Best Practices</u></a>
Lessons	<a href="#"><u>Steps for Successful Vulnerability Management: Lessons from the Pitch</u></a>
Difference from Pentesting	<a href="#"><u>The Difference Between Vulnerability Management and Penetration Testing</u></a>

# Identity & Access Management



Topic	Link
Guide to Zero Trust	<a href="#"><u>Guide to Access &amp; Account Management</u></a>
Modern Authentication	<a href="#"><u>What is Identity Based Zero Trust</u></a>
SSH	<a href="#"><u>What is Modern Authentication and Its Role in Achieving Zero Trust Security?</u></a>
Least Privilege	<a href="#"><u>Why SSH Is Key to Your IAM Strategy</u></a>
SSO	<a href="#"><u>The Principle of 'Least Privilege' in the World of Cybersecurity</u></a>
MFA	<a href="#"><u>Understanding Single Sign On as a Means of Identity Access Management</u></a>
	<a href="#"><u>Building on the IAM Benefits of SSO with MFA and Privileged Access Management</u></a>

# Internet of Things



Topic	Link
Security Challenges	<a href="#"><u>Survey: 99% of Security Pros Struggling to Secure Their IoT &amp; IIoT Devices</u></a>
Healthcare	<a href="#"><u>IoT Security Meets Healthcare: What You Need to Know</u></a>
Primer on How to Secure Vulnerabilities	<a href="#"><u>A Primer: Establishing Cybersecurity IoT Device Guidance</u></a>
	<a href="#"><u>Top 10 Vulnerabilities that Make IoT Devices Insecure</u></a>

# Phishing



Topic	Link
Common Phishing Attacks	<a href="#"><u>6 Common Phishing Attacks and How to Protect Against Them</u></a>
Small Businesses	<a href="#"><u>Phishing Attacks Often Target Small Businesses – Here's What to Watch for</u></a>
Phishing Simulations	<a href="#"><u>Don't Warn Your Co-Workers About That Phishing Test</u></a>
Deepfakes	<a href="#"><u>Deepfake Voice Technology Iterates on Old Phishing Strategies</u></a>

# Bonus Resources

Topic	Link
Frameworks	<a href="#"><u>Your Guide to Mitigating Evolving Risk with the Right Security Framework</u></a>
Resource Guide	<a href="#"><u>9 Great Resources for DevSecOps</u></a>
DDoS	<a href="#"><u>What Is a DDoS Attack and How Can You Stop Them?</u></a>
Kubernetes	<a href="#"><u>Kubernetes Certificate Security: What You Need to Know</u></a>
Cybersecurity Acronyms	<a href="#"><u>40 Cybersecurity Acronym Definitions</u></a>
API Security	<a href="#"><u>4 Things to Know About API Security</u></a>
Credential Stuffing	<a href="#"><u>The Anatomy of a Credential Stuffing Attack</u></a>
Threat Detection	<a href="#"><u>Accurate and Reliable Threat Detection for your Security Program</u></a>
XDR	<a href="#"><u>The XDR Advantage: Eliminate Dwell Time and Gain Visibility</u></a>
XDR	<a href="#"><u>Move from Reactive to Proactive Security with Open XDR</u></a>
IPS and IDS	<a href="#"><u>Are IPS And IDS Still Relevant?</u></a>



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