

ERGEBNISBOGEN EQF-Bewertung

IT-Weiterbildungszertifikate

> CISM® Certified Information Security Manager An ISACA® Certification <

Darmstadt, den 14. Mai 2014

Open C³S

Median (MD) / Minimum (Min.) / Maximum (Max.) der EQF-Stufen ...

... über alle Teilprozesse und Kategorien

[S. 1; Größe der Auswertungseinheit: N]

... je Kategorie über alle Teilprozesse

[S. 1; Größe der Auswertungseinheit: N]

... je Kategorie in den Teilprozessen

[S. 2; Größe der Auswertungseinheit: N]

N = Fallzahl; F = davon fehlend

Die nachfolgende EQF-Bewertung wurde durch ein Mitglied der ISACA Fachgruppe Akad. Aus- und Weiterbildung durchgeführt.

Zusammenfassende Mediane

Median in der Gesamtbetrachtung
der EQF-Stufe über alle Teilprozesse, Kategorien und Fälle

MD	Min.	Max.	N	F
6	3	7	171	3

Kategorie "Kenntnisse"
Median der EQF-Stufe über alle Teilprozesse und Fälle

MD	Min.	Max.	N	F
6	3	7	57	1

Kategorie "Fertigkeiten"
Median der EQF-Stufe über alle Teilprozesse und Fälle

MD	Min.	Max.	N	F
6	3	7	57	1

Kategorie "Kompetenz"
Median der EQF-Stufe über alle Teilprozesse und Fälle

MD	Min.	Max.	N	F
6	5	7	57	1

Werte je Kategorie in den Teilprozessen über alle Fälle
und je Teilprozess über alle Kategorien und Fälle

Weiterbildungszertifikat entsprechend CISM Review Manual 2013		Erlernte Kompetenzlevel je EQF-Kategorie in den Teilprozessen über alle Fälle					
Chapter 1: Information Security Governance (S. 13)							
1	1.4 Information Security Governance Overview (S. 29) 1.4.1 Importance of Information Security Governance 1.4.2 Outcomes of Information Security Governance	EQF-Kategorien					
		MD	Min.	Max.	N	F	
		Kenntnisse	6	6	6	1	0
		Fertigkeiten	6	6	6	1	0
		Kompetenz	6	6	6	1	0
Über alle Kategorien	6	6	6	3	0		
2	1.5 Effective Information Security Governance (S. 30) 1.5.1 Business Goals and Objectives 1.5.2 Scope and Charter of Information Security Governance 1.5.3 Roles and Responsibilities of Senior Management Boards of Directors/Senior Management Executive Management Steering Committee CISO 1.5.4 Information Security Roles and Responsibilities Obtaining Senior Management Commitment Establishing Reporting and Communication Channels 1.5.5 Governance, Risk Management and Compliance 1.5.6 Business Model for Information Security Dynamic Interconnections 1.5.7 Assurance Process Integration-Convergence Convergence	EQF-Kategorien					
		MD	Min.	Max.	N	F	
		Kenntnisse	6	6	6	1	0
		Fertigkeiten	5	5	5	1	0
		Kompetenz	6	6	6	1	0
Über alle Kategorien	6	5	6	3	0		
3	1.6 Information Security Concepts and Technologies (S. 40)	EQF-Kategorien					
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		Fertigkeiten	6	6	6	1	0
		Kompetenz	6	6	6	1	0
Über alle Kategorien	6	5	6	3	0		
4	1.7 Governance and Third-party Relationships (S. 40)	EQF-Kategorien					
		MD	Min.	Max.	N	F	
		Kenntnisse	4	4	4	1	0
		Fertigkeiten	4	4	4	1	0
		Kompetenz	5	5	5	1	0
Über alle Kategorien	4	4	5	3	0		
5	1.8 Information Security Governance Metrics (S. 40) 1.8.1 Effective Security Metrics 1.8.2 Governance Implementation Metrics 1.8.3 Strategic Alignment Metrics 1.8.4 Risk Management Metrics 1.8.5 Value Delivery Metrics 1.8.6 Resource Management Metrics 1.8.7 Performance Measurement 1.8.8 Assurance Process Integration (Convergence)	EQF-Kategorien					
		MD	Min.	Max.	N	F	
		Kenntnisse	6	6	6	1	0
		Fertigkeiten	6	6	6	1	0
		Kompetenz	6	6	6	1	0
Über alle Kategorien	6	6	6	3	0		
6	1.9 Information Security Strategy Overview (S. 44) 1.9.1 An Alternate View of Strategy	EQF-Kategorien					
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		Fertigkeiten	6	6	6	1	0
		Kompetenz	6	6	6	1	0
Über alle Kategorien	6	6	6	3	0		

7	<p>1.10 Developing an Information Security Strategy (S. 46) 1.10.1 Common Pitfalls</p>	<table border="1"> <thead> <tr> <th colspan="2">EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td></td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td></td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td></td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td></td> <td>6</td> <td>6</td> <td>6</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien		MD	Min.	Max.	N	F	Kenntnisse		6	6	6	1	0	Fertigkeiten		6	6	6	1	0	Kompetenz		6	6	6	1	0	Über alle Kategorien		6	6	6	3	0
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8	<p>1.11 Information Security Strategy Objectives (S. 47) 1.11.1 The Goal 1.11.2 Defining Objectives Business Linkages 1.11.3 The Desired State COBIT Capability Maturity Model Balanced Scorecard Architectural Approaches ISO/IEC 27001 and 27002 Other Approaches 1.11.4 Risk Objectives</p>	<table border="1"> <thead> <tr> <th colspan="2">EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td></td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td></td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td></td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td></td> <td>6</td> <td>6</td> <td>6</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien		MD	Min.	Max.	N	F	Kenntnisse		6	6	6	1	0	Fertigkeiten		6	6	6	1	0	Kompetenz		6	6	6	1	0	Über alle Kategorien		6	6	6	3	0
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9	<p>1.12 Determining Current State of Security (S. 53) 1.12.1 Current Risk Business Impact Analysis/Assessment</p>	<table border="1"> <thead> <tr> <th colspan="2">EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td></td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td></td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td></td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td></td> <td>5</td> <td>5</td> <td>5</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien		MD	Min.	Max.	N	F	Kenntnisse		5	5	5	1	0	Fertigkeiten		5	5	5	1	0	Kompetenz		5	5	5	1	0	Über alle Kategorien		5	5	5	3	0
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10	<p>1.13 Information Security Strategy Development (S. 53) 1.13.1 Elements of a Strategy Road Map 1.13.2 Strategy Resources and Constraints-Overview Resources Constraints</p>	<table border="1"> <thead> <tr> <th colspan="2">EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td></td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td></td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td></td> <td>7</td> <td>7</td> <td>7</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td></td> <td>6</td> <td>6</td> <td>7</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien		MD	Min.	Max.	N	F	Kenntnisse		6	6	6	1	0	Fertigkeiten		6	6	6	1	0	Kompetenz		7	7	7	1	0	Über alle Kategorien		6	6	7	3	0
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11	<p>1.14 Strategy Resources (S. 55) 1.14.1 Policies and Standards Policies Standards Procedures Guidelines 1.14.2 Enterprise Information Security Architecture(s) Alternative Enterprise Architecture Frameworks 1.14.3 Controls IT Controls Non-IT Controls Countermeasures Layered Defenses 1.14.4 Technologies 1.14.5 Personnel 1.14.6 Organizational Structure Centralized and Decentralized Approaches to Coordinating Information Security 1.14.7 Employee Roles and Responsibilities 1.14.8 Skills 1.14.9 Awareness and Education 1.14.10 Audits 1.14.11 Compliance Enforcement 1.14.12 Threat Assessment 1.14.13 Vulnerability Assessment 1.14.14 Risk Assessment and Management 1.14.15 Insurance 1.14.16 Business Impact Assessment 1.14.17 Resource Dependency Analysis 1.14.18 Outsourced Services 1.14.19 Other Organizational Support and Assurance Providers</p>	<table border="1"> <thead> <tr> <th colspan="2">EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td></td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td></td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td></td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td></td> <td>6</td> <td>6</td> <td>6</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien		MD	Min.	Max.	N	F	Kenntnisse		6	6	6	1	0	Fertigkeiten		6	6	6	1	0	Kompetenz		6	6	6	1	0	Über alle Kategorien		6	6	6	3	0
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12	<p>1.15. Strategy Constraints (S.63)</p> <p>1.15.1 Legal and Regulatory Requirements Requirements for Content and Retention of Business Records E-discovery</p> <p>1.15.2 Physical</p> <p>1.15.3 Ethics</p> <p>1.15.4 Culture</p> <p>1.15.5 Organizational Structure</p> <p>1.15.6 Costs</p> <p>1.15.7 Personnel</p> <p>1.15.8 Resources</p> <p>1.15.9 Capabilities</p> <p>1.15.10 Time</p> <p>1.15.11 Risk Acceptance and Tolerance</p>	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>6</td> <td>6</td> <td>6</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	6	6	6	1	0	Fertigkeiten	6	6	6	1	0	Kompetenz	6	6	6	1	0	Über alle Kategorien	6	6	6	3	0
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13	<p>1.16 Action Plan to Implement Strategy (S. 64)</p> <p>1.16.1 Gap Analysis - Basis for an Action Plan</p> <p>1.16.2 Policy Development</p> <p>1.16.3 Standards Development</p> <p>1.16.4 Training and Awareness</p> <p>1.16.5 Action Plan Metrics</p> <p>Key Goal Indicators</p> <p>Critical Success Factors</p> <p>Key Performance Indicators</p> <p>General Metrics Considerations</p>	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>6</td> <td>6</td> <td>6</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	6	6	6	1	0	Fertigkeiten	6	6	6	1	0	Kompetenz	6	6	6	1	0	Über alle Kategorien	6	6	6	3	0
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14	<p>1.17 Implementing Security Governance - Example (S. 67)</p> <p>1.17.1 Additional Policy Samples</p>	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>7</td> <td>7</td> <td>7</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>6</td> <td>6</td> <td>7</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	6	6	6	1	0	Fertigkeiten	6	6	6	1	0	Kompetenz	7	7	7	1	0	Über alle Kategorien	6	6	7	3	0
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15	<p>1.18 Action Plan Intermediate Goals (S. 69)</p>	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>6</td> <td>5</td> <td>6</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	5	5	5	1	0	Fertigkeiten	6	6	6	1	0	Kompetenz	6	6	6	1	0	Über alle Kategorien	6	5	6	3	0
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16	<p>1.19 Information Security Program Objectives (S. 70)</p>	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>6</td> <td>5</td> <td>6</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	5	5	5	1	0	Fertigkeiten	6	6	6	1	0	Kompetenz	6	6	6	1	0	Über alle Kategorien	6	5	6	3	0
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17	<p>1.20 Case Study (S. 70)</p>	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>Fertigkeiten</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>Kompetenz</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>Über alle Kategorien</td> <td></td> <td></td> <td></td> <td></td> <td>3</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse					1	Fertigkeiten					1	Kompetenz					1	Über alle Kategorien					3
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Chapter 2: Information Risk Management And Compliance (S. 73)

18	2.4 Risk Management Overview (S. 89) 2.4.1 The Importance of Risk Management 2.4.2 Outcomes of Risk Management	EQF-Kategorien					
		MD	Min.	Max.	N	F	
		Kenntnisse	6	6	6	1	0
		Fertigkeiten	6	6	6	1	0
		Kompetenz	7	7	7	1	0
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19	2.5 Risk Management Strategy (S. 90) 2.5.1 Risk Communication, Risk Awareness and Consulting	EQF-Kategorien					
		MD	Min.	Max.	N	F	
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		Fertigkeiten	5	5	5	1	0
		Kompetenz	6	6	6	1	0
Über alle Kategorien		5	5	6	3	0	
20	2.6 Effective Information Security Risk Management (S. 91) 2.6.1 Developing a Risk Management Program Establish Context and Purpose Define Scope and Charter Asset Identification, Classification and Ownership Determine Objectives Determine Methodologies Designate Program Development Team 2.6.2 Roles and Responsibilities Key Roles	EQF-Kategorien					
		MD	Min.	Max.	N	F	
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		Kompetenz	7	7	7	1	0
Über alle Kategorien		7	6	7	3	0	
21	2.7 Information Security Risk Management Concepts (S. 93) 2.7.1 Concepts 2.7.2 Technologies	EQF-Kategorien					
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		Kompetenz	6	6	6	1	0
Über alle Kategorien		6	6	6	3	0	
22	2.8 Implementing Risk Management (S. 94) 2.8.1 Risk Management Process 2.8.2 Defining a Risk Management Framework 2.8.3 Defining the External Environment 2.8.4 Defining the Internal Environment 2.8.5 Determining the Risk Management Context 2.8.6 Gap Analysis 2.8.7 Other Organizational Support	EQF-Kategorien					
		MD	Min.	Max.	N	F	
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		Fertigkeiten	6	6	6	1	0
		Kompetenz	7	7	7	1	0
Über alle Kategorien		7	6	7	3	0	
23	2.9 Risk Assessment and Analysis Methodologies (S. 97)	EQF-Kategorien					
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		Fertigkeiten	6	6	6	1	0
		Kompetenz	7	7	7	1	0
Über alle Kategorien		6	6	7	3	0	

24	<p>2.10 Risk Assessment (S. 97)</p> <p>2.10.1 NIST Risk Assessment Methodology</p> <p>2.10.2 Aggregated and Cascading Risk</p> <p>2.10.3 Other Risk Assessment Approaches</p> <p>Factor Analysis of Information Risk</p> <p>Risk Factor Analysis</p> <p>Probabilistic Risk Assessment</p> <p>2.10.4 Identification of Risk</p> <p>2.10.5 Threats</p> <p>2.10.6 Vulnerabilities</p> <p>2.10.7 Risk</p> <p>2.10.8 Analysis of Relevant Risk</p> <p>Qualitative Analysis</p> <p>Semiquantitative Analysis</p> <p>Example of a Semiquantitative Analysis</p> <p>Quantitative Analysis</p> <p>Annual Loss Expectancy</p> <p>Value at Risk</p> <p>2.10.9 Evaluation of Risk</p> <p>2.10.10 Risk Treatment Options</p> <p>Terminate the Activity</p> <p>Transfer the Risk</p> <p>Mitigate the Risk</p> <p>Tolerate/Accept the Risk</p> <p>Risk Acceptance Framework</p> <p>2.10.11 Impact</p> <p>2.10.12 Legal and Regulatory Requirements</p> <p>2.10.13 Residual Risk</p> <p>2.10.14 Costs and Benefits</p> <p>2.10.15 Risk Reassessment of Events Affecting Security Baselines</p>	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>6</td> <td>6</td> <td>6</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	6	6	6	1	0	Fertigkeiten	6	6	6	1	0	Kompetenz	6	6	6	1	0	Über alle Kategorien	6	6	6	3	0
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Über alle Kategorien	6	6	6	3	0																											
25	<p>2.11 Information Resource Valuation (S. 111)</p> <p>2.11.1 Information Resource Valuation Strategies</p> <p>2.11.2 Information Resource Valuation Methodologies</p> <p>2.11.3 Information Asset Classification</p> <p>Methods to Determine Criticality of Resources and Impact of Adverse Events</p> <p>2.11.4 Impact Assessment and Analysis</p>	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>6</td> <td>6</td> <td>6</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	6	6	6	1	0	Fertigkeiten	6	6	6	1	0	Kompetenz	6	6	6	1	0	Über alle Kategorien	6	6	6	3	0
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Über alle Kategorien	6	6	6	3	0																											
26	<p>2.12 Recovery Time Objectives (S. 117)</p> <p>2.12.1 RTO and its Relation to Business Continuity Planning and Contingency Planning Objectives and Processes</p> <p>2.12.2 Recovery Point Objectives</p> <p>2.12.3 Service Delivery Objectives</p> <p>2.12.4 Third-party Service Providers</p>	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>3</td> <td>3</td> <td>3</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>4</td> <td>4</td> <td>4</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>4</td> <td>3</td> <td>5</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	3	3	3	1	0	Fertigkeiten	4	4	4	1	0	Kompetenz	5	5	5	1	0	Über alle Kategorien	4	3	5	3	0
EQF-Kategorien	MD	Min.	Max.	N	F																											
Kenntnisse	3	3	3	1	0																											
Fertigkeiten	4	4	4	1	0																											
Kompetenz	5	5	5	1	0																											
Über alle Kategorien	4	3	5	3	0																											
27	<p>2.13 Integration With Life Cycle Processes (S. 119)</p> <p>2.13.1 Risk Management for IT System Development Life Cycle</p> <p>2.13.2 Life Cycle-based Risk Management Principles and Practices</p>	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>3</td> <td>3</td> <td>3</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>4</td> <td>4</td> <td>4</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>4</td> <td>3</td> <td>5</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	3	3	3	1	0	Fertigkeiten	4	4	4	1	0	Kompetenz	5	5	5	1	0	Über alle Kategorien	4	3	5	3	0
EQF-Kategorien	MD	Min.	Max.	N	F																											
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Kompetenz	5	5	5	1	0																											
Über alle Kategorien	4	3	5	3	0																											
28	<p>2.14 Security Control Baselines (S. 120)</p>	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>6</td> <td>5</td> <td>6</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	6	6	6	1	0	Fertigkeiten	6	6	6	1	0	Kompetenz	5	5	5	1	0	Über alle Kategorien	6	5	6	3	0
EQF-Kategorien	MD	Min.	Max.	N	F																											
Kenntnisse	6	6	6	1	0																											
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Kompetenz	5	5	5	1	0																											
Über alle Kategorien	6	5	6	3	0																											

29	2.15 Risk Monitoring and Communication (S. 122) 2.15.1 Risk Monitoring 2.15.2 Reporting Significant Changes in Risk	EQF-Kategorien					
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		Kompetenz	6	6	6	1	0
Über alle Kategorien		6	6	6	3	0	
30	2.16 Training and Awareness (S. 123)	EQF-Kategorien					
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		Kompetenz	6	6	6	1	0
Über alle Kategorien		6	5	6	3	0	
31	2.17 Documentation (S. 123)	EQF-Kategorien					
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		Kompetenz	5	5	5	1	0
Über alle Kategorien		5	5	5	3	0	
Chapter 3: Information Security Program Development and Management (S. 125)							
32	3.4 Information Security Program Management Overview (S. 141) Information Security Management Trends Essential Elements of an Information Security Program 3.4.1 Importance of the Information Security Program 3.4.2 Outcomes of Information Security Program Management Strategic Alignment Risk Management Value Delivery Resource Management Assurance Process Integration Performance Measurement	EQF-Kategorien					
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		Fertigkeiten	6	6	6	1	0
		Kompetenz	7	7	7	1	0
Über alle Kategorien		6	6	7	3	0	
33	3.5 Information Security Program Objectives (S. 144) 3.5.1 Defining Objectives	EQF-Kategorien					
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		Fertigkeiten	6	6	6	1	0
		Kompetenz	7	7	7	1	0
Über alle Kategorien		6	6	7	3	0	
34	3.6 Information Security Program Concepts (S. 145) 3.6.1 Concepts 3.6.2 Technology Resources	EQF-Kategorien					
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		Kompetenz	6	6	6	1	0
Über alle Kategorien		6	6	6	3	0	
35	3.7 Scope and Charter of an Information Security Program (S. 146)	EQF-Kategorien					
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		Kompetenz	6	6	6	1	0
Über alle Kategorien		6	6	6	3	0	

36	3.8 The Information of Security Management Framework (S. 148) 3.8.1 COBIT 5 COBIT 5 für Information Security 3.8.2 ISO/IEC 27001	EQF-					
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		Fertigkeiten	6	6	6	1	0
		Über alle Kategorien	6	6	6	3	0
37	3.9 Information Security Framework Components (S. 150) 3.9.1 Operational Components 3.9.2 Management Components 3.9.3 Administrative Components 3.9.4 Educational and Informational Components	EQF-					
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		Über alle Kategorien	6	6	7	3	0
38	3.10 Defining an Information Security Program Road Map (S. 152) 3.10.1 Elements of a Road Map 3.10.2 Developing an Information Security Program Road Map 3.10.3 Gap Analysis -Basis for an Action Plan	EQF-					
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		Über alle Kategorien	6	6	6	3	0
39	3.11 Information Security Infrastructure and Architecture (S. 153) 3.11.1 Enterprise Information Security Architecture 3.11.2 Objectives of Information Security Architectures Providing a Framework and Road Map Simplicity and Clarity Through Layering and Modularization Business Focus Beyond the Technical Domain Architecture and Control Objectives	EQF-					
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		Über alle Kategorien	6	6	7	3	0
40	3.12 Architecture Implementation (S. 155) SABSA Framework for Security Service Management	EQF-					
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41	3.13 Security Program Management and Administrative Activities (S. 156) Program Administration 3.13.1 Personnel, Roles and Responsibilities, and Skills Roles Skills Culture 3.13.2 Security Awareness, Training and Education 3.13.3 Documentation Documentation Maintenance 3.13.4 Program Development and Project Management 3.13.5 Risk Management Risk Management Responsibilities 3.13.6 Business Case Development Business Case Evaluation Business Case Objectives 3.13.7 Program Budgeting Elements of an Information Security Program Budget 3.13.8 General Rules of Use/Acceptable Use Policy 3.13.9 Information Security Problem Management Practices 3.13.10 Vendor Management 3.13.11 Program Management Evaluation Program Objectives Compliance Requirements Program Management Security Operations Management Technical Security Management Resource Levels 3.13.12 Plan-Do-Check-Act 3.13.13 Legal and Regulatory Requirements 3.13.14 Physical and Environmental Factors 3.13.15 Ethics 3.13.16 Culture and Regional Variances 3.13.17 Logistics	EQF-					
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	Über alle Kategorien	7	6	7	3	0	

42	3.14 Security Program Services and Operational Activities (S. 168)						
	3.14.1 Information Security Liaison Responsibilities						
	Physical/Corporate Security						
	IT Audit						
	Information Technology Unit						
	Business Unit Managers						
	Human Resources						
	Legal Department						
	Employees						
	Procurement						
	Compliance						
	Privacy						
	Training						
	Quality Assurance						
Insurance							
Third Party Management							
Project Management Office							
3.14.2 Cross-organizational Responsibilities							
3.14.3 Incident Response							
3.14.4 Security Reviews and Audits							
Audits							
Auditors							
3.14.5 Management of Security Technology							
Technology Competencies							
3.14.6 Due Diligence							
Managing and Controlling Access to Information Resources							
Vulnerability Reporting Sources							
3.14.7 Compliance Monitoring and Enforcement							
Policy Compliance							
Standards Compliance							
Resolution of Noncompliance Issues							
Compliance Enforcement							
3.14.8 Assessment of Risk and Impact							
Vulnerability Assessment							
Threat Assessment							
Risk And Business Impact Assessment							
Resource Dependency Assessment							
3.14.9 Outsourcing and Service Providers							
Outsourcing Contracts							
Third-party Access							
3.14.10 Cloud Computing							
Advantages							
Security Considerations							
3.14.11 Integration With IT Processes							
Integration							
System Life Cycle Processes							
Change Management							
Configuration Management							
Release Management							
		EQF-					
		Kategorien	MD	Min.	Max.	N	F
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		Fertigkeiten	7	7	7	1	0
		Kompetenz	7	7	7	1	0
		Über alle Kategorien	7	6	7	3	0

43	3.15 Controls And Countermeasures (S. 182) 3.15.1 Control Categories 3.15.2 Control Design Considerations Controls as Strategy Implementation Resources 3.13.3 Control Strenght 3.13.4 Control Methods 3.13.5 Control Recommendations 3.15.6 Countermeasures 3.15.7 Physical and Environmental Controls 3.15.8 Control Technology Categories Native Control Technologies Supplemental Control Technologies Management Support Technologies 3.15.9 Technical Control Components and Architecture Analysis of Controls 3.15.10 Control Testing and Modification 3.15.11 Baseline Controls	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>7</td> <td>7</td> <td>7</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>6</td> <td>6</td> <td>7</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	6	6	6	1	0	Fertigkeiten	6	6	6	1	0	Kompetenz	7	7	7	1	0	Über alle Kategorien	6	6	7	3	0
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44	3.16 Security Program Metrics and Monitoring (S. 189) 3.16.1 Metrics Development Strategic Management Operational 3.16.2 Monitoring Approaches Monitoring Security Activities in Infrastructure and Business Applications Determining Success of Information Security Investments 3.16.3 Measuring Information Security Management Performance 3.16.4 Measuring Information Security Risk an Loss 3.16.5 Measuring Support of Organizational Objectives 3.16.6 Measuring Compliance 3.16.7 Measuring Operational Productivity 3.16.8 Measuring Security Cost-effectiveness 3.16.9 Measuring Organizational Awareness 3.16.10 Measuring Effectiveness of Technical Security Architecture 3.16.11 Measuring Effectiveness of Management Framework and Resources 3.16.12 Measuring Operational Performance 3.16.13 Monitoring and Communication	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>5</td> <td>5</td> <td>5</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	5	5	5	1	0	Fertigkeiten	5	5	5	1	0	Kompetenz	5	5	5	1	0	Über alle Kategorien	5	5	5	3	0
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45	3.17 Common Information Security Program Challenges (S. 196) Management Support Funding Staffing	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>5</td> <td>5</td> <td>5</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	5	5	5	1	0	Fertigkeiten	5	5	5	1	0	Kompetenz	5	5	5	1	0	Über alle Kategorien	5	5	5	3	0
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Chapter 4: Information Security Incident Management (S. 199)																																
46	4.4 Incident Management Overview (S. 211)	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>7</td> <td>7</td> <td>7</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>7</td> <td>7</td> <td>7</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>7</td> <td>6</td> <td>7</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	6	6	6	1	0	Fertigkeiten	7	7	7	1	0	Kompetenz	7	7	7	1	0	Über alle Kategorien	7	6	7	3	0
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47	4.5 Incident Response Procedures (S. 212) 4.5.1 Importance of Incident Management 4.5.2 Outcomes of Incident Management 4.5.3 Incident Management 4.5.4 Concepts 4.5.5 Incident Management Systems	<table border="1"> <thead> <tr> <th>EQF-Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>7</td> <td>7</td> <td>7</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>5</td> <td>5</td> <td>7</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-Kategorien	MD	Min.	Max.	N	F	Kenntnisse	5	5	5	1	0	Fertigkeiten	5	5	5	1	0	Kompetenz	7	7	7	1	0	Über alle Kategorien	5	5	7	3	0
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48	4.6 Incident Management Organization (S. 213) 4.6.1 Responsibilities 4.6.2 Senior Management Commitment	EQF-Kategorien					
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49	4.7 Incident Management Resources (S. 214) 4.7.1 Policies and Standards 4.7.2 Incident Response Technology Concepts 4.7.3 Personnel Incident Response Team Organization 4.7.4 Roles and Responsibilities 4.7.5 Skills 4.7.6 Awareness and Education 4.7.7 Audits 4.7.8 Outsourced Security Providers	EQF-Kategorien					
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50	4.8 Incident Management Objectives (S. 218) 4.8.1 Defining Objectives 4.8.2 The Desired State 4.8.3 Strategic Alignment 4.8.4 Risk Management 4.8.5 Assurance Process Integration 4.8.6 Value Delivery 4.8.7 Resource Management	EQF-Kategorien					
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51	4.9 Incident Management Metrics and Indicators (S. 219) 4.9.1 Performance Measurement	EQF-Kategorien					
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52	4.10 Defining Incident Management Procedures (S. 219) 4.10.1 Detailed Plan of Action for Incident Management	EQF-Kategorien					
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53	4.11 Current State of Incident Response Capability (S. 220) 4.11.1 History of Incidents 4.11.2 Threats 4.11.3 Vulnerabilities	EQF-Kategorien					
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54	4.12 Developing An Incident Response Plan (S. 221) Elements of an Incident Response Plan 4.12.1 Gap Analysis - Basis for an Incident Response Plan 4.12.2 Business Impact Assessment Benefits of Conducting a Business Impact Analysis 4.12.3 Escalation Process for Effective Incident Management 4.12.4 Help Desk Processes for Identifying Security Incidents 4.12.5 Incident Management and Response Teams 4.12.6 Organizing, Training and Equipping the Response Staff 4.12.7 Incident Notification Process 4.12.8 Challenges in Developing an Incident Management Plan	EQF-Kategorien					
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55	<p>4.13 Business Continuity and Disaster Recovery Procedures (S. 225)</p> <p>4.13.1 Recovery Planning And Business Recovery Processes 4.13.2 Recovery Operations 4.13.3 Recovery Strategies 4.13.4 Addressing Threats 4.13.5 Recovery Sites 4.13.6 Basis for Recovery Site Selections 4.13.7 Reciprocal Agreements 4.13.8 Strategy Implementation 4.13.9 Recovery Plan Elements 4.13.10 Integrating Recovery Objectives and Impact Analysis With Incident Response Risk Acceptance and Tolerance Business Impact Analysis Recovery Time Objectives Recovery Point Objectives Service Delivery Objectives Maximum Tolerable Outage 4.13.11 Notification Requirements 4.13.12 Supplies 4.13.13 Communication Networks 4.13.14 Methods for Providing Continuity of Network Services 4.13.15 High-availability Considerations 4.13.16 Insurance 4.13.17 Updating Recovery Plans</p>	<table border="1"> <thead> <tr> <th colspan="6">EQF-</th> </tr> <tr> <th>Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>7</td> <td>7</td> <td>7</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>6</td> <td>6</td> <td>7</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-						Kategorien	MD	Min.	Max.	N	F	Kenntnisse	6	6	6	1	0	Fertigkeiten	6	6	6	1	0	Kompetenz	7	7	7	1	0	Über alle Kategorien	6	6	7	3	0
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56	<p>4.14 Testing Incident Response and Business Continuity/Disaster Recovery Plans (S. 232)</p> <p>4.14.1 Periodic Testing of the Response and Recovery Plans 4.14.2 Testing for Infrastructure and Critical Business Applications 4.14.3 Types of Tests 4.14.4 Test Results 4.14.5 Recovery Test Metrics</p>	<table border="1"> <thead> <tr> <th colspan="6">EQF-</th> </tr> <tr> <th>Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>5</td> <td>5</td> <td>5</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>7</td> <td>7</td> <td>7</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>5</td> <td>5</td> <td>7</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-						Kategorien	MD	Min.	Max.	N	F	Kenntnisse	5	5	5	1	0	Fertigkeiten	5	5	5	1	0	Kompetenz	7	7	7	1	0	Über alle Kategorien	5	5	7	3	0
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58	<p>4.16 Postincident Activities and Investigation (S. 236)</p> <p>4.16.1 Identifying Causes and Corrective Actions 4.16.2 Documenting Events 4.16.3 Establishing Procedures 4.16.4 Requirements for Evidence 4.16.5 Legal Aspects for Forensic Evidence</p>	<table border="1"> <thead> <tr> <th colspan="6">EQF-</th> </tr> <tr> <th>Kategorien</th> <th>MD</th> <th>Min.</th> <th>Max.</th> <th>N</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Kenntnisse</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Fertigkeiten</td> <td>6</td> <td>6</td> <td>6</td> <td>1</td> <td>0</td> </tr> <tr> <td>Kompetenz</td> <td>7</td> <td>7</td> <td>7</td> <td>1</td> <td>0</td> </tr> <tr> <td>Über alle Kategorien</td> <td>6</td> <td>6</td> <td>7</td> <td>3</td> <td>0</td> </tr> </tbody> </table>	EQF-						Kategorien	MD	Min.	Max.	N	F	Kenntnisse	6	6	6	1	0	Fertigkeiten	6	6	6	1	0	Kompetenz	7	7	7	1	0	Über alle Kategorien	6	6	7	3	0
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**Open Competence Center for Cyber Security
TP 2: Anrechnungsanalysen und Anrechnungsmanagement**

Dr. Mario Stephan Seger
Institut für Soziologie der TU Darmstadt
Residenzschloss
64283 Darmstadt

Tel.: 0 61 51 – 16 67 59
E-Mail: seger@ifs.tu-darmstadt.de

Gefördert vom:

