

Alternative View: Appendix A - Framework Core Informative References

Appendix A, Framework Core, in the Cybersecurity Framework presents a listing of Functions, Categories, Subcategories and Informative References (standards, guidelines, and practices) that describe specific cybersecurity activities. This file provides an alternative presentation of the informative references included in Appendix A.

Function	Category	Subcategory	CCS CSC	COBIT 5	ISA 62443-2-1 :2009	ISA 62443-3-3 :2013	ISO/IEC 27001:2013	NIST SP 800-53 Rev. 4
ID	AM	AM-1	CSC 1	BAI09.01, BAI09.02	4.2.3.4	SR 7.8	A.8.1.1, A.8.1.2	CM-8
ID	AM	AM-2	CSC 2	BAI09.01, BAI09.02, BAI09.05	4.2.3.4	SR 7.8	A.8.1.1, A.8.1.2	CM-8
ID	AM	AM-3	CSC 1	DSS05.02	4.2.3.4		A.13.2.1	AC-4, CA-3, CA-9, PL-8
ID	AM	AM-4		APO02.02			A.11.2.6	AC-20, SA-9
ID	AM	AM-5		APO03.03, APO03.04, BAI09.02	4.2.3.6		A.8.2.1	CP-2, RA-2, SA-14
ID	AM	AM-6		APO01.02, DSS06.03	4.3.2.3.3		A.6.1.1	CP-2, PS-7, PM-11
ID	BE	BE-1		APO08.04, APO08.05, APO10.03, APO10.04, APO10.05			A.15.1.3, A.15.2.1, A.15.2.2	CP-2, SA-12
ID	BE	BE-2		APO02.06, APO03.01				PM-8
ID	BE	BE-3		APO02.01, APO02.06, APO03.01	4.2.2.1, 4.2.3.6			PM-11, SA-14
ID	BE	BE-4					A.11.2.2, A.11.2.3, A.12.1.3	CP-8, PE-9, PE-11, PM-8, SA-14

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Function	Category	Subcategory	CCS CSC	COBIT 5	ISA 62443-2-1 :2009	ISA 62443-3-3 :2013	ISO/IEC 27001:2013	NIST SP 800-53 Rev. 4
ID	BE	BE-5		DSS04.02			A.11.1.4, A.17.1.1, A.17.1.2, A.17.2.1	CP-2, CP-11, SA-14
ID	GV	GV-1		APO01.03, EDM01.01, EDM01.02	4.3.2.6		A.5.1.1	-1 controls from all families
ID	GV	GV-2		APO13.12	4.3.2.3.3		A.6.1.1, A.7.2.1	PM-1, PS-7
ID	GV	GV-3		MEA03.01, MEA03.04	4.4.3.7		A.18.1	-1 controls from all families (except PM-1)
ID	GV	GV-4		DSS04.02	4.2.3.1, 4.2.3.3, 4.2.3.8, 4.2.3.9, 4.2.3.11, 4.3.2.4.3, 4.3.2.6.3			PM-9, PM-11
ID	RA	RA-1	CSC 4	APO12.01, APO12.02, APO12.03, APO12.04	4.2.3, 4.2.3.7, 4.2.3.9, 4.2.3.12		A.12.6.1, A.18.2.3	CA-2, CA-7, CA-8, RA-3, RA-5, SA-5, SA-11, SI-2, SI-4, SI-5
ID	RA	RA-2			4.2.3, 4.2.3.9, 4.2.3.12		A.6.1.4	PM-15, PM-16, SI-5
ID	RA	RA-3		APO12.01, APO12.02, APO12.03, APO12.04	4.2.3, 4.2.3.9, 4.2.3.12			RA-3, SI-5, PM-12, PM-16
ID	RA	RA-4		DSS04.02	4.2.3, 4.2.3.9, 4.2.3.12			RA-2, RA-3, PM-9, PM- 11, SA-14
ID	RA	RA-5		APO12.02			A.12.6.1	RA-2, RA-3, PM-16
ID	RA	RA-6		APO12.05, APO13.02				PM-4, PM-9
ID	RM	RM-1		APO12.04, APO12.05, APO13.02, BAI02.03, BAI04.02	4.3.4.2			

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ID	RM	RM-2		APO12.06	4.3.2.6.5			PM-9
ID	RM	RM-3						PM-8, PM-9, PM-11, SA-14
PR	AC	AC-1	CSC 16	DSS05.04, DSS06.03	4.3.3.5.1	SR 1.1, SR 1.2, SR 1.3, SR 1.4, SR 1.5, SR 1.7, SR 1.8, SR 1.9	A.9.2.1, A.9.2.2, A.9.2.4, A.9.3.1, A.9.4.2, A.9.4.3	AC-2, IA Family
PR	AC	AC-2		DSS01.04, DSS05.05	4.3.3.3.2, 4.3.3.3.8		A.11.1.1, A.11.1.2, A.11.1.4, A.11.1.6, A.11.2.3	PE-2, PE-3, PE-4, PE-5, PE-6, PE-9
PR	AC	AC-3		APO13.01, DSS01.04, DSS05.03	4.3.3.6.6	SR 1.13, SR 2.6	A.6.2.2, A.13.1.1, A.13.2.1	AC-17, AC-19, AC-20
PR	AC	AC-4	CSC 12, 15		4.3.3.7.3	SR 2.1	A.6.1.2, A.9.1.2, A.9.2.3, A.9.4.1, A.9.4.4	AC-2, AC-3, AC-5, AC-6, AC-16
PR	AC	AC-5			4.3.3.4	SR 3.1, SR 3.8	A.13.1.1, A.13.1.3, A.13.2.1	AC-4, SC-7
PR	AT	AT-1	CSC 9	APO07.03, BAI05.07	4.3.2.4.2		A.7.2.2	AT-2, PM-13
PR	AT	AT-2	CSC 9	APO07.02, DSS06.03	4.3.2.4.2, 4.3.2.4.3		A.6.1.1, A.7.2.2	AT-3, PM-13
PR	AT	AT-3	CSC 9	APO07.03, APO10.04, APO10.05	4.3.2.4.2		A.6.1.1, A.7.2.2	PS-7, SA-9
PR	AT	AT-4	CSC 9	APO07.03	4.3.2.4.2		A.6.1.1, A.7.2.2,	AT-3, PM-13
PR	AT	AT-5	CSC 9	APO07.03	4.3.2.4.2		A.6.1.1, A.7.2.2,	AT-3, PM-13
PR	DS	DS-1	CSC 17	APO01.06, BAI02.01, BAI06.01, DSS06.06		SR 3.4, SR 4.1	A.8.2.3	SC-28

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Function	Category	Subcategory	CCS CSC	COBIT 5	ISA 62443-2-1 :2009	ISA 62443-3-3 :2013	ISO/IEC 27001:2013	NIST SP 800-53 Rev. 4
PR	DS	DS-2	CSC 17	APO01.06, DSS06.06		SR 3.1, SR 3.8, SR 4.1, SR 4.2	A.8.2.3, A.13.1.1, A.13.2.1, A.13.2.3, A.14.1.2, A.14.1.3	SC-8
PR	DS	DS-3		BAI09.03	4. 4.3.3.3.9, 4.3.4.4.1	SR 4.2	A.8.2.3, A.8.3.1, A.8.3.2, A.8.3.3, A.11.2.7	CM-8, MP-6, PE-16
PR	DS	DS-4		APO13.01		SR 7.1, SR 7.2	A.12.3.1	AU-4, CP-2, SC-5
PR	DS	DS-5	CSC 17	APO01.06		SR 5.2	A.6.1.2, A.7.1.1, A.7.1.2, A.7.3.1, A.8.2.2, A.8.2.3, A.9.1.1, A.9.1.2, A.9.2.3, A.9.4.1, A.9.4.4, A.9.4.5, A.13.1.3, A.13.2.1, A.13.2.3, A.13.2.4, A.14.1.2, A.14.1.3	AC-4, AC-5, AC-6, PE-19, PS-3, PS-6, SC-7, SC-8, SC-13, SC-31, SI-4
PR	DS	DS-6				SR 3.1, SR 3.3, SR 3.4, SR 3.8	A.12.2.1, A.12.5.1,	SI-7
PR	DS	DS-7		BAI07.04			A.12.1.4	CM-2
PR	IP	IP-1	CSC 3, 10	BAI10.01, BAI10.02, BAI10.03, BAI10.05	4.3.4.3.2, 4.3.4.3.3	SR 7.6	A.12.1.2, A.12.5.1,	CM-2, CM-3, CM-4, CM-5, CM-6, CM-7, CM-9, SA-10
PR	IP	IP-2		APO13.01	4.3.4.3.3		A.6.1.5, A.14.1.1, A.14.2.1, A.14.2.5	SA-3, SA-4, SA-8, SA-10, SA-11, SA-12, SA-15, SA-17, PL-8

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Function	Category	Subcategory	CCS CSC	COBIT 5	ISA 62443-2-1 :2009	ISA 62443-3-3 :2013	ISO/IEC 27001:2013	NIST SP 800-53 Rev. 4
PR	IP	IP-3		BAI06.01, BAI01.06	4.3.4.3.2, 4.3.4.3.3	SR 7.6	A.12.1.2, A.12.5.1, A.12.6.2, A.14.2.2, A.14.2.3, A.14.2.4	CM-3, CM-4, SA-10
PR	IP	IP-4		APO13.01	4.3.4.3.9	SR 7.3, SR 7.4	A.12.3.1, A.17.1.2A.17.1.3, A.18.1.3	CP-4, CP-6, CP-9
PR	IP	IP-5		DSS01.04, DSS05.05	4.3.3.3.1 4.3.3.3.2, 4.3.3.3.3, 4.3.3.3.5, 4.3.3.3.6		A.11.1.4, A.11.2.1, A.11.2.2, A.11.2.3	PE-10, PE-12, PE-13, PE-14, PE-15, PE-18
PR	IP	IP-6		BAI09.03	4.3.4.4.4	SR 4.2	A.8.2.3, A.8.3.1, A.8.3.2, A.11.2.7	MP-6
PR	IP	IP-7		APO11.06, DSS04.05	4.4.3.1, 4.4.3.2, 4.4.3.3, 4.4.3.4, 4.4.3.5, 4.4.3.6, 4.4.3.7, 4.4.3.8			CA-2, CA-7, CP-2, IR-8, PL-2, PM-6
PR	IP	IP-8					A.16.1.6	AC-21, CA-7, SI-4
PR	IP	IP-9		DSS04.03	4.3.2.5.3, 4.3.4.5.1		A.16.1.1, A.17.1.1, A.17.1.2	CP-2, IR-8
PR	IP	IP-10			4.3.2.5.7, 4.3.4.5.11	SR 3.3	A.17.1.3	CP-4, IR-3, PM-14
PR	IP	IP-11		APO07.01, APO07.02, APO07.03, APO07.04, APO07.05	4.3.3.2.1, 4.3.3.2.2, 4.3.3.2.3		A.7.1.1, A.7.3.1, A.8.1.4	PS Family
PR	IP	IP-12					A.12.6.1, A.18.2.2	RA-3, RA-5, SI-2

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Function	Category	Subcategory	CCS CSC	COBIT 5	ISA 62443-2-1 :2009	ISA 62443-3-3 :2013	ISO/IEC 27001:2013	NIST SP 800-53 Rev. 4
PR	MA	MA-1		BAI09.03	4.3.3.3.7		A.11.1.2, A.11.2.4, A.11.2.5	MA-2, MA-3, MA-5
PR	MA	MA-2		DSS05.04	4.3.3.6.5, 4.3.3.6.6, 4.3.3.6.7, 4.4.4.6.8		A.11.2.4, A.15.1.1, A.15.2.1	MA-4
PR	PT	PT-1	CSC 14	APO11.04	4.3.3.3.9, 4.3.3.5.8, 4.3.4.4.7, 4.4.2.1, 4.4.2.2, 4.4.2.4	SR 2.8, SR 2.9, SR 2.10, SR 2.11, SR 2.12	A.12.4.1, A.12.4.2, A.12.4.3, A.12.4.4, A.12.7.1	AU Family
PR	PT	PT-2		DSS05.02, APO13.01		SR 2.3	A.8.2.2, A.8.2.3, A.8.3.1, A.8.3.3, A.11.2.9	MP-2, MP-4, MP-5, MP-7
PR	PT	PT-3		DSS05.02	4.3.3.5.1, 4.3.3.5.2, 4.3.3.5.3, 4.3.3.5.4, 4.3.3.5.5, 4.3.3.5.6, 4.3.3.5.7, 4.3.3.5.8, 4.3.3.6.1, 4.3.3.6.2, 4.3.3.6.3, 4.3.3.6.4, 4.3.3.6.5, 4.3.3.6.6, 4.3.3.6.7, 4.3.3.6.8, 4.3.3.6.9, 4.3.3.7.1, 4.3.3.7.2, 4.3.3.7.3, 4.3.3.7.4	SR 1.1, SR 1.2, SR 1.3, SR 1.4, SR 1.5, SR 1.6, SR 1.7, SR 1.8, SR 1.9, SR 1.10, SR 1.11, SR 1.12, SR 1.13, SR 2.1, SR 2.2, SR 2.3, SR 2.4, SR 2.5, SR 2.6, SR 2.7	A.9.1.2	AC-3, CM-7
PR	PT	PT-4	CSC 7	DSS05.02, APO13.01		SR 3.1, SR 3.5, SR 3.8, SR 4.1, SR 4.3, SR 5.1, SR 5.2, SR 5.3, SR 7.1, SR 7.6	A.13.1.1, A.13.2.1	AC-4, AC-17, AC-18, CP-8, SC-7

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Function	Category	Subcategory	CCS CSC	COBIT 5	ISA 62443-2-1 :2009	ISA 62443-3-3 :2013	ISO/IEC 27001:2013	NIST SP 800-53 Rev. 4
DE	AE	AE-1		DSS03.01	4.4.3.3			AC-4, CA-3, CM-2, SI-4
DE	AE	AE-2			4.3.4.5.6, 4.3.4.5.7, 4.3.4.5.8	SR 2.8, SR 2.9, SR 2.10, SR 2.11, SR 2.12, SR 3.9, SR 6.1, SR 6.2	A.16.1.1, A.16.1.4	AU-6, CA-7, IR-4, SI-4
DE	AE	AE-3				SR 6.1		AU-6, CA-7, IR-4, IR-5, IR-8, SI-4
DE	AE	AE-4		APO12.06				CP-2, IR-4, RA-3, SI -4
DE	AE	AE-5		APO12.06	4.2.3.10			IR-4, IR-5, IR-8
DE	CM	CM-1	CSC 14, 16	DSS05.07		SR 6.2		AC-2, AU-12, CA-7, CM-3, SC-5, SC-7, SI-4
DE	CM	CM-2			4.3.3.3.8			CA-7, PE-3, PE-6, PE-20
DE	CM	CM-3				SR 6.2	A.12.4.1	AC-2, AU-12, AU-13, CA-7, CM-10, CM-11
DE	CM	CM-4	CSC 5	DSS05.01	4.3.4.3.8	SR 3.2	A.12.2.1	SI-3
DE	CM	CM-5				SR 2.4	A.12.5.1	SC-18, SI-4. SC-44
DE	CM	CM-6		APO07.06			A.14.2.7, A.15.2.1	CA-7, PS-7, SA-4, SA-9, SI-4
DE	CM	CM-7						AU-12, CA-7, CM-3, CM-8, PE-3, PE-6, PE-20, SI-4
DE	CM	CM-8		BAI03.10	4.2.3.1, 4.2.3.7		A.12.6.1	RA-5
DE	DP	DP-1	CSC 5	DSS05.01	4.4.3.1		A.6.1.1	CA-2, CA-7, PM-14
DE	DP	DP-2			4.4.3.2		A.18.1.4	CA-2, CA-7, PM-14, SI-4
DE	DP	DP-3		APO13.02	4.4.3.2	SR 3.3	A.14.2.8	CA-2, CA-7, PE-3, PM-14, SI-3, SI-4
DE	DP	DP-4		APO12.06	4.3.4.5.9	SR 6.1	A.16.1.2	AU-6, CA-2, CA-7, RA-5, SI-4
DE	DP	DP-5		APO11.06, DSS04.05	4.4.3.4		A.16.1.6	CA-2, CA-7, PL-2, RA-5, SI-4, PM-14

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Function	Category	Subcategory	CCS CSC	COBIT 5	ISA 62443-2-1 :2009	ISA 62443-3-3 :2013	ISO/IEC 27001:2013	NIST SP 800-53 Rev. 4
RS	RP	RP-1	CSC 18	BAI01.10	4.3.4.5.1		A.16.1.5	CP-2, CP-10, IR-4, IR-8
RS	CO	CO-1			4.3.4.5.2, 4.3.4.5.3, 4.3.4.5.4		A.6.1.1, A.16.1.1	CP-2, CP-3, IR-3, IR-8
RS	CO	CO-2			4.3.4.5.5		A.6.1.3, A.16.1.2	AU-6, IR-6, IR-8
RS	CO	CO-3			4.3.4.5.2		A.16.1.2	CA-2, CA-7, CP-2, IR-4, IR-8, PE-6, RA-5, SI-4
RS	CO	CO-4			4.3.4.5.5			CP-2, IR-4, IR-8
RS	CO	CO-5						PM-15, SI-5
RS	AN	AN-1		DSS02.07	4.3.4.5.6, 4.3.4.5.7, 4.3.4.5.8	SR 6.1	A.12.4.1, A.12.4.3, A.16.1.5	AU-6, CA-7, IR-4, IR-5, PE-6, SI-4
RS	AN	AN-2			4.3.4.5.6, 4.3.4.5.7, 4.3.4.5.8		A.16.1.6	CP-2, IR-4
RS	AN	AN-3				SR 2.8, SR 2.9, SR 2.10, SR 2.11, SR 2.12, SR 3.9, SR 6.1	A.16.1.7	AU-7, IR-4
RS	AN	AN-4			4.3.4.5.6		A.16.1.4	CP-2, IR-4, IR-5, IR-8
RS	MI	MI-1			4.3.4.5.6	SR 5.1, SR 5.2, SR 5.4	A.16.1.5	IR-4
RS	MI	MI-2			4.3.4.5.6, 4.3.4.5.10		A.12.2.1, A.16.1.5	IR-4
RS	MI	MI-3					A.12.6.1	CA-7, RA-3, RA-5
RS	IM	IM-1		BAI01.13	4.3.4.5.10, 4.4.3.4		A.16.1.6	CP-2, IR-4, IR-8
RS	IM	IM-2						CP-2, IR-4, IR-8
RC	RP	RP-1	CSC 8	DSS02.05, DSS03.04			A.16.1.5	CP-10, IR-4, IR-8
RC	IM	IM-1		BAI05.07	4.4.3.4			CP-2, IR-4, IR-8
RC	IM	IM-2		BAI07.08				CP-2, IR-4, IR-8
RC	CO	CO-1		EDM03.02				
RC	CO	CO-2		MEA03.02				
RC	CO	CO-3						CP-2, IR-4