

1 MA CP 2.7.1 REQUIREMENTS MAPPING TO NIST SP 800-53 SECURITY CONTROLS

Most of the requirements in the Mobile Access (MA) Capability Package (CP) support the implementation of the security controls specified in the National Institute of Standards and Technology (NIST) Special Publication 800-53 Revision 45 (NIST SP 800-53). This appendix is provided for customers who must demonstrate implementation of a set of NIST SP 800-53 security controls as part of their Risk Management Framework (RMF) (formerly known as Certification and Accreditation (C&A)) process for a system incorporating a mobile access solution that complies with this CP.

Note that the presence of a mapping between a CP requirement and a NIST SP 800-53 security control does not necessarily indicate that the CP requirement by itself is sufficient to satisfy the security control. Instead, a mapping indicates that the CP requirement provides some degree of support to the application of the security control. Additional work outside the scope of this CP may be required to effectively implement the security control on the target system.

Figure 1 - MA CP 2.7.1 Requirements Mapping to NIST SP 800-53 Security Controls

CP Requirement	NIST SP 800-53 Revision 5 Security Controls
MA-PS-1	SA-4 (6) (7), SR Family
MA-PS-2	SA-4 (6) (7), SR Family
MA-PS-3	SA-4 (6) (7), SR Family
MA-PS-4	SA-4 (6) (7), SR Family
MA-PS-5	Requirement relocated to <i>CSfC Key Management Requirements Annex</i>
MA-PS-6	SA-4 (6) (7), SR Family
MA-PS-7	SA-4 (6) (7), SR Family
MA-PS-8	SA-4 (6) (7), SR Family
MA-PS-9	SA-4 (6) (7), SR Family
MA-PS-10	SA-4 (6) (7), SR Family
MA-PS-11	SA-4 (6) (7), SR Family
MA-PS-12	SA-4 (6) (7), SR Family
MA-PS-13	SA-4 (6) (7), SR Family
MA-PS-14	SA-4 (6) (7), SR Family
MA-PS-15	Withdrawn
MA-PS-16	SC-29
MA-PS-17	AC-4 (21), SC-3 (1), SC-7 (14) (21), SC-32
MA-PS-18	SC-29
MA-PS-19	Requirement relocated to <i>CSfC Key Management Requirements Annex</i>
MA-PS-20	SC-29
MA-PS-21	SC-29
MA-PS-22	Requirement relocated to <i>CSfC Key Management Requirements Annex</i>

CP Requirement	NIST SP 800-53 Revision 5 Security Controls
MA-PS-23	SC-29
MA-PS-24	SA-4 (6) (7)
MA-PS-25	CM-1, CM-2, SA-4 (6) (7), SC-13
MA-PS-26	SA-4 (6) (7), SR Family
MA-PS-27	SA-4 (6) (7), SR Family
MA-PS-28	Withdrawn
MA-PS-29	SC-12, SC-17
MA-PS-30	SA-4 (6) (7)
MA-PS-31	CM-14
MA-PS-32	CM-14
MA-PS-33	SA-4 (6) (7)
MA-PS-34	SA-4 (6), SR Family
MA-PS-35	SA-4 (6), SR Family
MA-PS-36	SA-4 (6), SR Family
MA-PS-37	SA-4 (6), SR Family
MA-PS-38	SA-4 (6), SR Family
MA-PS-39	SA-4 (6), SR Family
MA-PS-40	SA-4 (6), SR Family
MA-SR-1	AC-4 (21), SC-7 (13) (21)
MA-SR-2	SC-45 (1), AU-12 (1)
MA-SR-3	SC-45 (1), AU-12 (1)
MA-SR-4	AC-2
MA-SR-5	CM-6, CM-7
MA-SR-6	SI-3 (2)
MA-SR-7	AC-4
MA-SR-8	AC-4, SC-7 (21), SC-8
MA-SR-9	AC-4, SC-7 (21), SC-8
MA-SR-10	AC-4, AC-6, SC-2, SC-7
MA-SR-11	CM-6, CM-7
MA-SR-12	CM-6, CM-7, SC-22
MA-SR-13	CM-6, CM-7
MA-SR-14	IA-5 (1)
MA-SR-15	AC-4 (17)
MA-CR-1	SC-13
MA-CR-2	IA-5 (5), SC-12, SC-17
MA-CR-3	IA-5 (5), SC-12, SC-17
MA-CR-4	IA-5 (5), SC-12, SC-17
MA-CR-5	IA-3, SC-13, SC-17

CP Requirement	NIST SP 800-53 Revision 5 Security Controls
MA-CR-6	IA-5 (2), SC-12, SC-17
MA-CR-7	IA-5 (2), SC-17
MA-CR-8	Withdrawn
MA-CR-9	SC-13
MA-CR-10	Withdrawn
MA-CR-11	SC-13
MA-CR-12	SC-13
MA-CR-13	SC-12
MA-CR-14	SC-12
MA-CR-15	IA-3, SC-12
MA-CR-16	SC-13
MA-IR-1	SC-7, SC-8
MA-IR-2	CM-6
MA-IR-3	AC-4, SC-7, SC-8
MA-IR-4	AC-4, SC-7, SC-8
MA-IR-5	AC-4, SC-7
MA-IR-6	AC-3 (3), AC-4, SC-7, SC-8
MA-IR-7	AC-3 (3), AC-4, SC-7
MA-OR-1	SC-7, SC-8
MA-OR-2	SC-7 (7), SC-8
MA-OR-3	AC-4, SC-7, SC-8
MA-OR-4	AC-4, SC-7, SC-8
MA-OR-5	AC-4, SC-7, SC-8
MA-OR-6	AC-4, SC-3, SC-7, SC-32
MA-OR-7	AC-4, SC-7
MA-OR-8	Withdrawn
MA-OR-9	CM-6, CM-7
MA-OR-10	AC-4, SC-3, SC-7, SC-32
MA-OR-11	AC-3 (3), AC-4, SC-7, SC-8
MA-OR-12	AC-3 (3), AC-4, SC-7
MA-MS-1	IA-3, AC-4, SC-3, SC-7
MA-MS-2	IA-3, IA-5 (2), SC-12, SC-17
MA-MS-3	IA-3, SC-11, SC-13
MA-MS-4	IA-3, SC-13
MA-MS-5	IA-3
MA-MS-6	AC-4 (21), SC-7 (14) (21), SC-32
MA-MS-7	AC-3, SC-7

CP Requirement	NIST SP 800-53 Revision 5 Security Controls
MA-MS-8	AC-3, SC-7
MA-MS-9	CM-6, SC-7, SC-8, SC-12, SC-13
MA-MS-10	IA-3, SC-8, SC-13
MA-MS-11	SC-8, SC-13
MA-MS-12	Withdrawn
MA-MS-13	CA-1, PE-1
MA-TE-1	CM-6, SC-7, SC-8, SC-13
MA-TE-2	AC-4, SC-7
MA-TE-3	IA-3, SC-8, SC-13
MA-TE-4	IA-5 (5), SC-12, SC-17
MA-TE-5	IA-5 (5), SC-12, SC-17
MA-TE-6	IA-3, IA-5 (2), SC-12, SC-17
MA-TE-7	SC-8, SC-13
MA-TE-8	Withdrawn
MA-TE-9	SC-8, SC-13
MA-TE-10	AC-4, SC-7
MA-RD-1	AC-18, AC-19, SA-4 (6) (7).
MA-RD-2	AC-18, AC-19, CM-6
MA-RD-3	CM-6, SC-8 (1), SC-13
MA-RD-4	AC-18, SC-8, SC-13
MA-RD-5	Withdrawn, covered in the <i>CSfC Key Management Requirements Annex</i>
MA-RD-6	CM-7, SC-43
MA-RD-7	CM-6
MA-RD-8	CM-6
MA-RD-9	CM-6
MA-RD-10	CM-6, IA-5
MA-RD-11	CM-6
MA-RD-12	CM-6
MA-RD-13	AC-4, SC-8
MA-RD-14	AC-3, AC-6
MA-RD-15	AC-2
MA-RD-16	CM-6, CM-7, SC-43
MA-RD-17	AC-4, CM-6
MA-RD-18	CM-6, CM-7
MA-RD-19	SC-43
MA-RD-20	CM-6, CM-7
MA-RD-21	AC-3, AC-6, AU-9
MA-RD-22	SI-7 (15)

CP Requirement	NIST SP 800-53 Revision 5 Security Controls
MA-RD-23	CM-7
MA-RD-24	AC-3, AC-6
MA-RD-25	Withdrawn, covered in the <i>CSfC Key Management Requirements Annex</i>
MA-RD-26	Withdrawn
MA-RD-27	CM-6, SC-8, SC-13
MA-RD-28	CM-6, SC-8, SC-13
MA-RD-29	AC-19, SC-7, SC-43
MA-RD-30	PE-4
MA-RD-31	AC-4, SC-8
MA-RD-32	AC-4, SC-8
MA-HI-1	CA-9
MA-HI-2	AC-18 (3) (4)
MA-HI-3	AC-18 (3)
MA-HI-4	IA-3
MA-HI-5	AC-4 (21)
MA-HI-6	CA-9
MA-HI-7	CA-9, SC-7 (21)
MA-HI-8	CM-6, SC-7 (17)
MA-HI-9	SC-7 (21), SC-32
MA-HI-10	CA-9
MA-HI-11	IA-3
MA-HI-12	CM-7
MA-WC-1	AC-17, AC-19
MA-WC-2	Withdrawn
MA-WC-3	Withdrawn
MA-WC-4	Withdrawn
MA-WC-5	Withdrawn
MA-WC-6	Withdrawn
MA-WC-7	Withdrawn
MA-WC-8	Withdrawn
MA-WC-9	Withdrawn
MA-WC-10	Withdrawn
MA-WC-11	Withdrawn
MA-WC-12	Withdrawn
MA-WC-13	AC-4, SC-2, SC-7
MA-WC-14	CM-1, CM-6
MA-WC-15	Withdrawn
MA-WC-16	Withdrawn

CP Requirement	NIST SP 800-53 Revision 5 Security Controls
MA-WC-17	CA-9
MA-WC-18	AC-18 (3)
MA-WC-19	CA-9
MA-EU-1	CA-1
MA-EU-2	CM-1, CM-6, SC-28 (1)
MA-EU-3	SC-25, SC-34 (1)
MA-EU-4	SC-32
MA-EU-5	SC-7 (21) (22), SC-32
MA-EU-6	IA-5, SC-12, SC-17
MA-EU-7	SC-7 (7), SC-8
MA-EU-8	Withdrawn, covered in the <i>CSfC Key Management Requirements Annex</i>
MA-EU-9	Withdrawn, covered in the <i>CSfC Key Management Requirements Annex</i>
MA-EU-10	IR-8
MA-EU-11	IR-8
MA-EU-12	AC-3, IA-2, IA-11
MA-EU-13	AC-3, IA-2, IA-11
MA-EU-14	Withdrawn
MA-EU-15	PL-4, PS-6
MA-EU-16	AC-18, PL-4
MA-EU-17	AC-2, AT-2, AT-4, IA-4, PE-23, PE-19, PE-20, PL-4, PS-3 (1) (2), PS-6, SC-43
MA-EU-18	AC-19 (4), SC-7, SC-43
MA-EU-19	CM-6
MA-EU-20	SC-42 (2)
MA-EU-21	CM-6, CM-7, SI-7
MA-EU-22	CM-6, CM-7
MA-EU-23	CM-6, CM-7
MA-EU-24	MP-6, SC-12, SC-13, SC-17
MA-EU-25	IA-5 (1)
MA-EU-26	Withdrawn
MA-EU-27	AC-4, AC-19, SC-7, SC-32
MA-EU-28	Withdrawn
MA-EU-29	AC-4, AC-19, SC-7
MA-EU-30	Withdrawn
MA-EU-31	AC-4, AC-19, SC-7
MA-EU-32	CM-1, CM-6, SC-28 (1)
MA-EU-33	IA-3, SC-8, SC-13
MA-EU-34	IA-3, SC-8, SC-13
MA-EU-35	IA-3, SC-8, SC-13
MA-EU-36	Withdrawn

CP Requirement	NIST SP 800-53 Revision 5 Security Controls
MA-EU-37	AC-4, AC-19, SC-7, SC-8
MA-EU-38	AC-4, AC-19, SC-7, SC-8
MA-EU-39	IA-5 (1)
MA-EU-40	AC-11 (1)
MA-EU-41	AC-7
MA-EU-42	AC-17, AC-18, SC-8
MA-EU-43	CM-6 (1)
MA-EU-44	IA-5, SC-12
MA-EU-45	IA-5, SC-12
MA-EU-46	AC-11 (1)
MA-EU-47	MP-7, SC-41
MA-EU-48	MP-7, SC-41
MA-EU-49	SI-7 (15)
MA-EU-50	SI-7 (15)
MA-EU-51	AC-18
MA-EU-52	AC-19, SC-43
MA-EU-53	CA-3, SA-9
MA-EU-54	CM-7, SC-43
MA-EU-55	AC-3, AC-6
MA-EU-56	AC-4, AC-17
MA-EU-57	AC-6, CM-7
MA-EU-58	AC-8
MA-EU-59	CM-6 (1)
MA-EU-60	CM-6, SC-42
MA-EU-61	CM-6, CM-7
MA-EU-62	CM-6, CM-7
MA-EU-63	AC-3, AC-6, CM-6 (1)
MA-EU-64	AC-6, CM-6, CM-7
MA-EU-65	IA-5 (1)
MA-EU-66	SC-43
MA-EU-67	SR-9
MA-EU-68	SA-18, SI-7 (4)
MA-EU-69	MP-7, SC-41
MA-EU-70	CM-7
MA-EU-71	CM-7
MA-EU-72	SI-7 (10)
MA-EU-73	IA-5 (1)
MA-EU-74	IA-5 (1)
MA-EU-75	AC-3
MA-EU-76	SR-9

CP Requirement	NIST SP 800-53 Revision 5 Security Controls
MA-EU-77	AC-7
MA-EU-78	MA-2
MA-EU-79	IA-2
MA-EU-80	IA-2
MA-EU-81	IA-2
MA-EU-82	CM-1, CM-6, SC-28 (1)
MA-VZ-1	AC-6 (4), SC-29 (1)
MA-VZ-2	SC-28 (3)
MA-VZ-3	SI-7 (5)
MA-VZ-4	AC-6 (4), SC-39
MA-VZ-5	AC-6 (4), SC-2
MA-VZ-6	SC-7 (21)
MA-VZ-7	AC-6 (4), SC-39
MA-VZ-8	SC-12
MA-VZ-9	SC-12
MA-VZ-10	SI-12 (3), SR-12
MA-VZ-11	SC-28
MA-VZ-12	SC-12, SC-17
MA-VZ-13	SC-12, SC-17
MA-VZ-14	IA-5 (1)
MA-VZ-15	AC-6, SC-2
MA-VZ-16	AC-8
MA-VZ-17	AC-3 (3)
MA-VZ-18	IA-5 (1h)
MA-VZ-19	AU-6 (4), SI-4 (2)
MA-VZ-20	AC-6 (1), CM-5, CM-6, SC-2
MA-VZ-21	CM-5, SC-2
MA-VZ-22	CM-5, SC-2
MA-VZ-23	AC-3
MA-VZ-24	SC-28 (1)
MA-PF-1	CM-6, CM-7, SC-43
MA-PF-2	CM-7
MA-PF-3	AC-4, CM-7
MA-PF-4	AC-4, SC-7 (5)
MA-PF-5	AC-4, SC-7 (5)
MA-PF-6	AC-4, SC-7
MA-PF-7	CM-7, SC-7 (5)
MA-PF-8	CM-7

CP Requirement	NIST SP 800-53 Revision 5 Security Controls
MA-PF-9	CM-7, SC-7
MA-PF-10	CM-7
MA-PF-11	CM-7
MA-PF-12	CM-7
MA-PF-13	AC-4, SC-7 (5)
MA-PF-14	AC-4
MA-PF-15	AC-4
MA-PF-16	AC-4
MA-PF-17	Withdrawn
MA-PF-18	AC-4, SC-7
MA-PF-19	AC-4, SC-7
MA-PF-20	CM-7
MA-DM-1	CM-7, AC-5
MA-DM-2	AC-4, SC-7, SC-32
MA-DM-3	AC-4, SC-7, SC-32
MA-DM-4	AC-4, SC-7, SC-32
MA-DM-5	AC-4, SC-7, SC-32
MA-DM-6	AC-4, SC-13
MA-DM-7	AC-3, AC-6
MA-DM-8	SC-13
MA-DM-9	AT-3, PL-7
MA-DM-10	Withdrawn
MA-DM-11	SC-12
MA-DM-12	SC-12
MA-DM-13	AC-4, SC-7, SC-32
MA-DM-14	Withdrawn
MA-DM-15	Withdrawn
MA-DM-16	Withdrawn
MA-DM-17	Withdrawn
MA-DM-18	Withdrawn
MA-DM-19	IA-5, SC-12
MA-DM-20	IA-5, SC-12
MA-DM-21	AC-4, SC-7, SC-32
MA-DM-22	AC-4, SC-7, SC-32
MA-MFA-1	IA-2 (2, 6)
MA-MFA-2	IA-2 (2, 6)
MA-MFA-3	IA-2 (2, 6)
MA-MFA-4	IA-2 (6)

CP Requirement	NIST SP 800-53 Revision 5 Security Controls
MA-MFA-5	IA-5 (a, h)
MA-MFA-6	IA-2 (2)
MA-MFA-7	AC-7
MA-MFA-8	IA-2 (8)
MA-MFA-9	IA-5 (d, g, h, i)
MA-MFA-10	IA-5 (d, f, g, h, i)
MA-MFA-11	IA-5
MA-MFA-12	IA-5, SC-8(i)
MA-MFA-13	MP-4
MA-MFA-14	IA-2
MA-GD-1	PE-1, RA-2
MA-GD-2	PE-2
MA-GD-3	PE-2
MA-GD-4	MP-6, MP-8
MA-GD-5	MP-6
MA-GD-6	MP-6, SC-12, SC-13, SC-17
MA-GD-7	SR-10
MA-GD-8	PM-11, SA-1
MA-GD-9	CA-2 (1)
MA-GD-10	CA-2
MA-GD-11	CA-2
MA-GD-12	CA-1
MA-GD-13	CA-2
MA-GD-14	CA-1
MA-GD-15	CA-6
MA-GD-16	CA-6
MA-GD-17	Requirement relocated to <i>CSfC Continuous Monitoring Annex</i>
MA-GD-18	Requirement relocated to <i>CSfC Continuous Monitoring Annex</i>
MA-GD-19	Requirement relocated to <i>CSfC Continuous Monitoring Annex</i>
MA-GD-20	Requirement relocated to <i>CSfC Continuous Monitoring Annex</i>
MA-GD-21	Requirement relocated to <i>CSfC Continuous Monitoring Annex</i>
MA-GD-22	Requirement relocated to <i>CSfC Continuous Monitoring Annex</i>
MA-GD-23	Requirement relocated to <i>CSfC Continuous Monitoring Annex</i>
MA-GD-24	Requirement relocated to <i>CSfC Continuous Monitoring Annex</i>
MA-GD-25	IA-5 (1)
MA-GD-26	CM-3, CM-9, SI-2
MA-GD-27	CM-3, CM-9, SI-1
MA-GD-28	PE-19 (1)
MA-GD-29	RA-2

CP Requirement	NIST SP 800-53 Revision 5 Security Controls
MA-GD-30	CM-8
MA-GD-31	AC-19, PL-4, PS-6
MA-GD-32	CM-2, CM-2 (3)
MA-GD-33	CM-14
MA-GD-34	CM-14
MA-GD-35	SC-46, AC-4 (20)
MA-RP-1	IR-6
MA-RP-2	IR-6
MA-RP-3	IR-8
MA-RP-4	IR-8
MA-RP-5	IR-8
MA-RP-6	IR-8
MA-RP-7	IR-8
MA-RP-8	IR-8
MA-RP-9	IR-8
MA-RP-10	IR-8
MA-RP-11	IR-8
MA-RP-12	IR-8
MA-RP-13	IR-8
MA-RP-14	IR-8
MA-RP-15	IR-8
MA-RP-16	IR-8
MA-RB-1	AC-1, PS-1
MA-RB-2	AC-5
MA-RB-3	AT-3
MA-RB-4	Requirement relocated to <i>CSfC Key Management Requirements Annex</i>
MA-RB-5	IR-6
MA-RB-6	Requirement relocated to <i>CSfC Key Management Requirements Annex</i>
MA-RB-7	AC-5
MA-RB-8	SR-10
MA-RB-9	SI-4
MA-RB-10	SC-12, SC-13, SC-17
MA-RB-11	AC-5
MA-TR-0	SA-11
MA-TO-1	AC-4 (21), SC-3 (1), SC-7 (14) (21), SC-32
All other Tactical Implementation Requirements were mapped above.	

