

Req ID	Requirement name	Supported by CIP	Need application support	Status if supported by CIP	IEC-62443-4-2 tests reference	CIP recommendation
CR-7.1	Denial of service protection	TRUE	TRUE	FALSE	Completed Adding project/cip-testing/cip-security-tests/-/tree/master/iec-security-tests/singlenode-testcases/TC_CR7.1_1	CIP supports this requirement.CIP users should do CRT (communication Robustness Testing) to meet this requirement.
CR-7.1 RE(1)	Manage communication load from component	TRUE	TRUE	FALSE	Completed Adding package nftables	CIP supports this requirement.CIP users should use CIP package and make sure in case of DoS attack essential function of the system is not affected and system runs in degraded mode with essential services
CR-7.2	Resource management	FALSE	TRUE	FALSE	N.A.	None CIP platform does not support this requirementCIP users should make sure monitoring of system does not affect essential functions of the system
CR-7.3	Control system backup	TRUE	FALSE	FALSE	In-progress Adding backup/restore package	None CIP supports this requirement.CIP users should use the package and configure based on this requirement
CR-7.3 RE(1)	Backup integrity verification	TRUE	FALSE	FALSE	In-progress Adding backup/restore package	None Same as CR-7.3
CR-7.4	Control system recovery and reconstitution	TRUE	TRUE	FALSE	In-progress Adding backup/restore package	None Same as CR-7.3
CR-7.5	Emergency power	FALSE	FALSE	FALSE	N.A.	None No component level requirement
CR-7.6	Network and security configuration settings	FALSE	TRUE	FALSE	N.A.	None CIP does not support this requirementCIP users should provide setting to configure network and security settings based on the product uses cases

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CR-7.6	Machine-readable reporting of current security settings	FALSE	TRUE	FALSE	N.A.	None	Same as CR-7.6
CR-7.7	Least functionality	FALSE	TRUE	FALSE	N.A.	None	CIP platform does not support this requirement.CIP users should use CIP capabilities and support it.
CR-7.8	Control system component inventory	FALSE	TRUE	FALSE	N.A.	None	