Date	Commentor	Section	Comment	Comment Status/Notes	Updated By
1/19/18	CWG	11.2	Change the table to say, "example" or "sample"?	Completed - Developed a new chart and updated the caption.	Gema
1/19/18	CWG	11.2	The group does NOT want us to define/require predefined roles, but some machines have predefined roles.	No requirement added - Josh and I are still considering a requirement	Gema
1/19/18	CWG	11.2-D	The term established has varying definitions. Maybe change to "create".	Updated to "create"	Gema
1/19/18	Aaron - Clearballot		The requirements and roles may vary per device: voting device, EMS, pollbook, etc.	Considered this in Table 4	Gema
1/19/18	Gema	11.3-D	Remove	Removed	Gema
1/19/18	Gema	11.3-C	Should we specify what type of multi-factor authentication can be used?	As of now, this is left up to the manufacturer. A pointer to NIST guidance on this subject is provided as reference.	Josh
1/19/18	Josh	11.4	Need to make Separation of Duties clear	Enhanced. May need further comment.	Josh/Gema
1/19/18	David	11.2-A	I don't understand this requirement. What does "data isolation technology" mean? What does "enforce user and data separation" mean? What are the goals here? What are we trying to prevent or defend against?	Sandbox is one practical exmaple. Not sure if this is necessary for this section, maybe data protection. Another layer of security - defense in depth or limiting the attack surface. Removed.	Gema

Date	Name	Section	Comment	Action	Reviewer
1/19/18	David	11.3-C	I support the addition of requirements for multi-factor auth. However, I think the list of critical operations might be too extensive here. I'm not sure it makes sense to require multi-factor auth for "Changing device states, including opening and closing the polls" -I don't think poll workers should need to use multi-factor auth to do that, and I don't think we need the voting system to havesupport for that. I'm not entirely sure about "Aggregation and Tabulation", as that's basically a read-only operation on the EMS.I tend to think it's the modification/write operations on the EMS that are more sensitive. I might replace that heading with something along the lines of "Operations that can modify the election database, election configuration, or delete or modify previously cast votes".	Include Sample Table	Gema
1/19/18	David	11.3-D	I suggest removing this requirement. I don't think we should require multi-factor auth for poll worker operations; I don't think we should even require ability to enable such a requirement. I think multi-factor auth should be focused on the EMS and central systems, not on the equipment in the polling place.	Removed	Gema

1/19/18	David	11.3-F	"If the voting system uses a user name and password authentication method, the voting device must allow the administrator to enforce password strength, histories, and expiration." I would prefer you use the word "system" instead of "device". Same applies to all subsequent subrequirements in 11-3.F. I would prefer that we remove the requirement for histories and expiration -- I am skeptical that those provide value, and I think that requirements on password strength are the most important part.	completed - changed system	Josh/Gema
1/19/18	David	11.3-F.2	I recommend removing this requirement.	Updated to Minimum Password complexity requirement	
1/19/18	David	11.3-F.3	Overly specific - I think this can be removed.	Decided to keep for now pending further comment from the group.	Josh/Gema
1/19/18	David	11.3-F.4	I recommend removing this requirement.	Removed	Josh/Gema
1/19/18	David	11.4-D	Where is the term "privileged operation" defined? If not anywhere, I suggest deleting this requirement.	Changed to critical operation	Josh/Gema
1/19/18	David	11.4-C	Seems vague, as nowhere is the privilege of processes defined. Could a voting system meet this requirement by defining the privilege of all processes to be identical? I wonder if we should delete this requirement	Removed	JOsh/Gema
1/19/18	David	11.4-E	Seems overly specific to me; I'd suggest deleting it. If you keep it, I suggest changing "The voting system must only allow an administrator to..." to "The voting system must allow only an administrator to..." (change location of the word "only")	Updated - The voting system must allow only administrators to modify the permissions and privileges of other roles, users and processes	Josh/Gema

Date	Name	Req	Comment	Resolution	By
1/19/18	David	11.4-F	This seems vague. I'm not clear on what this means concretely. I'm also not certain it's a good idea. Would you say that an administrator should not be allowed to close the polls? That's one possible interpretation of this requirement, but I don't think it's desirable. I'd be inclined to remove this requirement.	Added documentation requirement and a clearer separation of duties requirement.	Gema/Josh
1/19/18	David	11.5-D	I don't understand what this requirement is requiring, or why it is there. Until I understand it my default would be to suggest removing it.	Removed 11.5-D and 11.5-E	Gema
1/30/18	Josh		Suggest minimum baseline capabilities, permissions, and roles.	I made an attempt with Table 4 and requirement	Gema
	Gema		Change voting device to voting system	Done.	Gema
1/30/18	Gema	11.2-C	This seems similar to 11.1-E & 11.4-D. I might be missing the differece.	Rmeoved	Gema