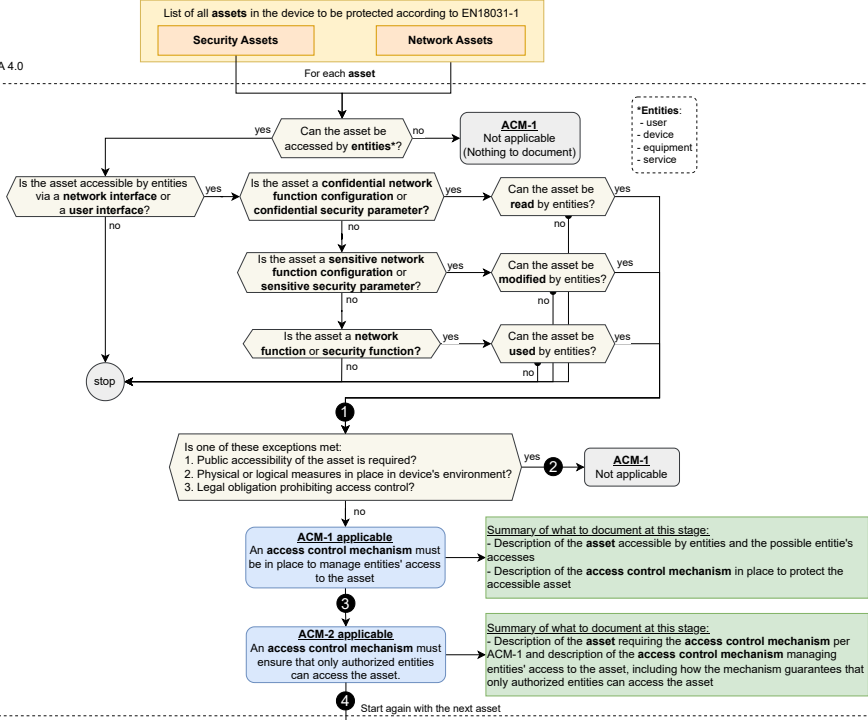


For each ASSET

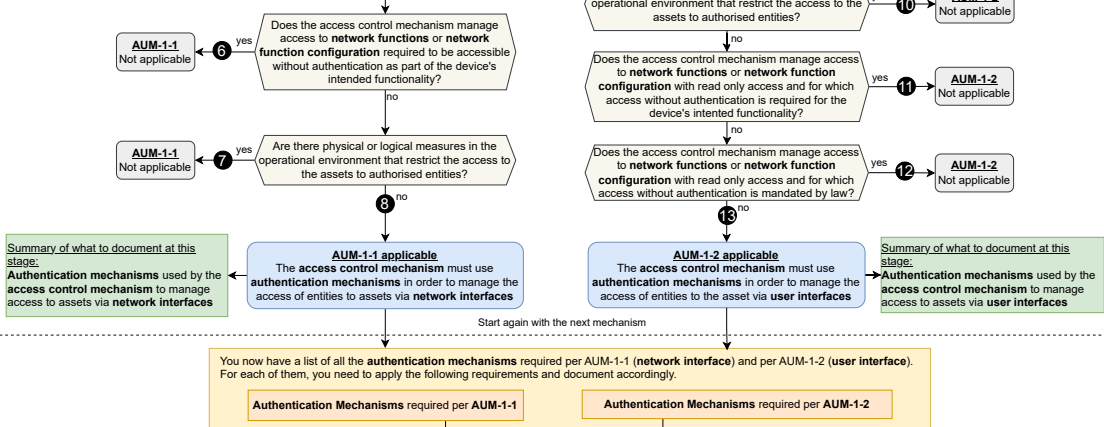


You now have a list of all the Access Control Mechanisms required per ACM-1. As a next step, split them into two categories: Those managing accesses via network interfaces, and those via user interfaces, and that allow to:

- "Read confidential network function configuration or confidential security parameters" or
- "Modify sensitive network function configuration or sensitive security parameters" or
- "Use network functions or security functions"

(Refer to your documentation in [E.Info.ACM-1.SecurityAssetAccess] and [E.Info.ACM-1.NetworkAssetAccess] that you completed at step 1)

For each ACCESS CONTROL MECHANISM

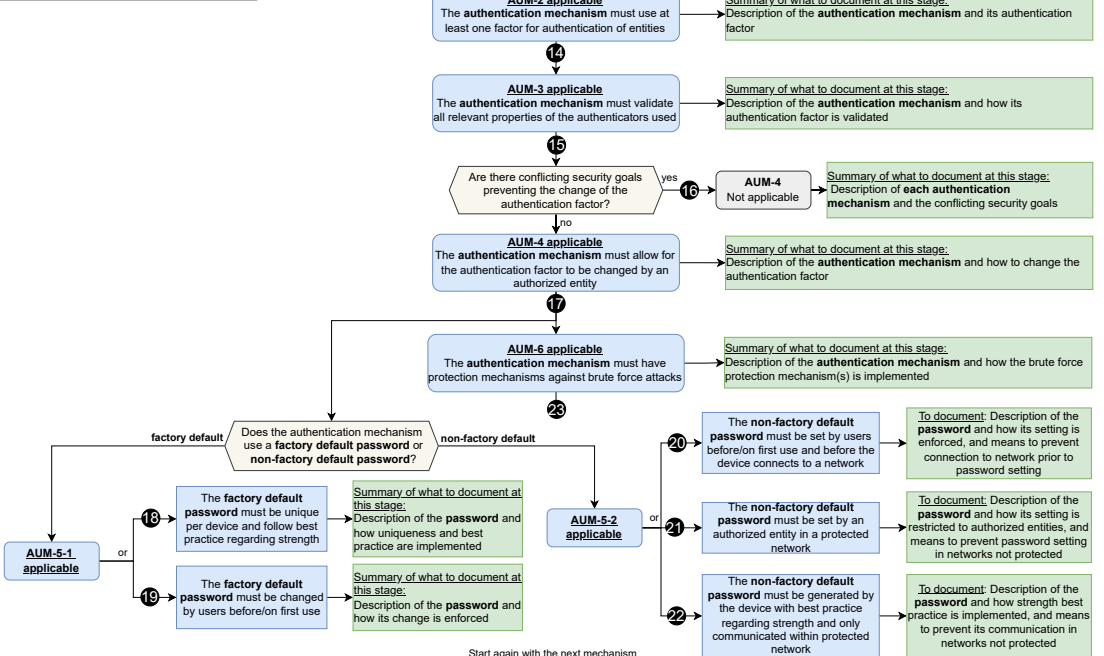


You now have a list of all the authentication mechanisms required per AUM-1-1 (network interface) and per AUM-1-2 (user interface). For each of them, you need to apply the following requirements and document accordingly.

Authentication Mechanisms required per AUM-1-1

Authentication Mechanisms required per AUM-1-2

For each AUTHENTICATION MECHANISM



Each number corresponds to a step in the workflow (depicted on the left) that requires documentation. Going through this workflow will enable you to assemble the Required Information for the mechanisms ACM and AUM, necessary to complete your Technical Documentation and demonstrate conformance to the standard EN18031-1.

We recommend using our template (see Zealience GitHub repo). For each number, refer to the indicated worksheet in the template and fill in the cells in the right columns. For example, in Box 1 below, if you are going through the process with a security asset, open the worksheet "ACM-1.SecAsset" and fill in the cells under Description and [E.Info.ACM-1.SecurityAssetAccess].

- If asset is security asset:**
Worksheet: ACM-1.SecAsset:
- Description: Provide a description of the asset
- [E.Info.ACM-1.SecurityAssetAccess]: Document which entities and how they can access the asset (eg. "Users can read this password over a user interface, and ...")

If asset is network asset:
Worksheet: ACM-1.NetAsset:
- Description: Provide a description of the asset
- [E.Info.ACM-1.NetworkAssetAccess]: Document which entities and how they can access the asset (eg. "Devices can use this network function over a network interface, and ...")
- If asset is security asset:**
Worksheet: ACM-1.SecAsset:
- If exception 1: [E.Info.ACM-1.SecurityAsset.PublicAccess]
- If exception 2: [E.Info.ACM-1.SecurityAsset.Environment]
- If exception 3: [E.Info.ACM-1.SecurityAsset.Legal]
- [E.Info.DT.ACM-1] & [E.Just.DT.ACM-1] & Verdict

If asset is network asset:
Worksheet: ACM-1.NetAsset:
- If exception 1: [E.Info.ACM-1.NetworkAsset.PublicAccess]
- If exception 2: [E.Info.ACM-1.NetworkAsset.Environment]
- If exception 3: [E.Info.ACM-1.NetworkAsset.Legal]
- [E.Info.DT.ACM-1] & [E.Just.DT.ACM-1] & Verdict
- If asset is security asset:**
Worksheet: ACM-1.SecAsset:
- [E.Info.ACM-1.SecurityAsset.ACM]
- [E.Info.DT.ACM-1] & [E.Just.DT.ACM-1] & Verdict

If asset is network asset:
Worksheet: ACM-1.NetAsset:
- [E.Info.ACM-1.NetworkAsset.ACM]
- [E.Info.DT.ACM-1] & [E.Just.DT.ACM-1] & Verdict
- If asset is security asset:**
Worksheet: ACM-2.SecAsset
- Description of the asset (can be the same as ACM-1.SecAsset)
- Implementation Category: select the category
- [E.Info.ACM-2.SecurityAsset.ACM]
- [E.Info.DT.ACM-2] & [E.Just.DT.ACM-2] & Verdict

If asset is network asset:
Worksheet: ACM-2.NetAsset
- Description of the asset (can be the same as ACM-1.NetAsset)
- Implementation Category: select the category
- [E.Info.ACM-2.NetworkAsset.ACM]
- [E.Info.DT.ACM-2] & [E.Just.DT.ACM-2] & Verdict
- Worksheet: AUM-1-1.ACM**
- Description of the access control mechanism
- [E.Info.AUM-1-1.ACM.NetworkInterface]
- [E.Info.AUM-1-1.ACM.ManagedAccessNetworkAsset]
- [E.Info.AUM-1-1.ACM.ManagedAccessSecurityAsset]
- Worksheet: AUM-1-1.ACM**
- [E.Info.AUM-1-1.ACM.IntendedFunctionality]
- [E.Info.DT.AUM-1-1] & [E.Just.DT.AUM-1-1] & Verdict
- Worksheet: AUM-1-1.ACM**
- [E.Info.AUM-1-1.ACM.AuthorizedEntity]
- [E.Info.DT.AUM-1-1] & [E.Just.DT.AUM-1-1] & Verdict
- Worksheet: AUM-1-1.ACM**
- [E.Info.AUM-1-1.ACM.AuthenticationMechanism]
- [E.Info.DT.AUM-1-1] & [E.Just.DT.AUM-1-1] & Verdict
- Worksheet: AUM-1-2.ACM**
- Description of the access control mechanism
- [E.Info.AUM-1-2.ACM.UserInterface]
- [E.Info.AUM-1-2.ACM.ManagedAccessNetworkAsset]
- [E.Info.AUM-1-2.ACM.ManagedAccessSecurityAsset]
- Worksheet: AUM-1-2.ACM**
- [E.Info.AUM-1-2.ACM.IntendedEnvironment]
- [E.Info.DT.AUM-1-2] & [E.Just.DT.AUM-1-2] & Verdict
- Worksheet: AUM-1-2.ACM**
- [E.Info.AUM-1-2.ACM.ReadOnlyFunctionality]
- [E.Info.DT.AUM-1-2] & [E.Just.DT.AUM-1-2] & Verdict
- Worksheet: AUM-1-2.ACM**
- [E.Info.AUM-1-2.ACM.ReadOnlyLegal]
- [E.Info.DT.AUM-1-2] & [E.Just.DT.AUM-1-2] & Verdict
- Worksheet: AUM-1-2.ACM**
- [E.Info.AUM-1-2.ACM.AuthenticationMechanism]
- [E.Info.DT.AUM-1-2] & [E.Just.DT.AUM-1-2] & Verdict
- Worksheet: AUM-2.AUM**
- [E.Info.AUM-2.AuthenticationMechanism]
- [E.Info.AUM-2.AuthenticationMechanism.AuthFactor]
- [E.Info.DT.AUM-2] & [E.Just.DT.AUM-2] & Verdict
- Worksheet: AUM-3.AUM**
- [E.Info.AUM-3.AUM.AuthVal]
- [E.Info.AUM-3.AUM.AuthEnv]
- [E.Info.DT.AUM-3] & [E.Just.DT.AUM-3] & Verdict
- Worksheet: AUM-4.AUM**
- [E.Info.AUM-4.AUM.ConfSecGoals]
- [E.Info.DT.AUM-4] & [E.Just.DT.AUM-4] & Verdict
- Worksheet: AUM-4.AUM**
- [E.Info.AUM-4.AUM.AuthChange]
- [E.Info.DT.AUM-4] & [E.Just.DT.AUM-4] & Verdict
- Worksheet: AUM-5-1.AUM**
- [E.Info.AUM-5-1.AUM.UniqueBestPractice]
- [E.Info.DT.AUM-5-1] & [E.Just.DT.AUM-5-1] & Verdict
- Worksheet: AUM-5-1.AUM**
- [E.Info.AUM-5-1.AUM.EnforceSettingFirstUse]
- [E.Info.DT.AUM-5-1] & [E.Just.DT.AUM-5-1] & Verdict
- Worksheet: AUM-5-2.AUM**
- [E.Info.AUM-5-2.AUM.SettingFirstUse]
- [E.Info.DT.AUM-5-2] & [E.Just.DT.AUM-5-2] & Verdict
- Worksheet: AUM-5-2.AUM**
- [E.Info.AUM-5-2.AUM.DefinedAuthEntity]
- [E.Info.DT.AUM-5-2] & [E.Just.DT.AUM-5-2] & Verdict
- Worksheet: AUM-5-2.AUM**
- [E.Info.AUM-5-2.AUM.EquipmentGenerated]
- [E.Info.DT.AUM-5-2] & [E.Just.DT.AUM-5-2] & Verdict
- Worksheet: AUM-6.AUM**
- [E.Info.AUM-6.AUM.BFProtection]
- [E.Info.DT.AUM-6] & [E.Just.DT.AUM-6] & Verdict