**# Title:**

Disambiguate the meaning of the values in the EFI\_IMAGE\_EXECUTION\_INFO.Action field.

**# Status:**

Draft

**# Document:**

UEFI Spec 2.10

**# License:**

SPDX-License-Identifier: CC-BY-4.0

**# Submitter:**

·         Arm LTD (Joseph Hemann, Samer El-Haj-Mahmoud, Stuart Yoder, Jose Marinho)

**# Summary of the change**

Clarify the conditions for the values of EFI\_IMAGE\_EXECUTION\_INFO.Action to be set.

**# Benefits of the change**

Clarifies UEFI spec, creates consistency with reference implementation.

 **# Impact of the change**

N/A

**# Detailed description of the change [normative updates]**

·         Insertions in yellow highlight

·         Removals in red highlight

32.4.2 Image Execution Information Table…Description…  
First, this field describes the results of the firmware’s attempt to authenticate the image.  
1. If EFI\_IMAGE\_EXECUTION\_AUTH\_UNTESTED is set, then no authentication attempt was  
made.  
2. If EFI\_IMAGE\_EXECUTION\_AUTH\_SIG\_FAILED is set, then the image had at least one digital  
signature and the check of the digital signatures failed. at least one of the image’s digital signatures is present in ***dbx***.

3. If EFI\_IMAGE\_EXECUTION\_AUTH\_SIG\_PASSED is set, then the image had at least one valid  
digital signature and a check of that digital signature passed.  
4. If EFI\_IMAGE\_EXECUTION\_AUTH\_SIG\_NOT\_FOUND is set, then none of the image’s signatures nor the hash of the binary are could not be found in the signature database.

5. If EFI\_IMAGE\_EXECUTION\_AUTH\_SIG\_FOUND is set, then the image has at least one digital signature and the image’s binary digest is signature was found in the signature database***dbx***,  
6. If EFI\_IMAGE\_EXECUTION\_POLICY\_FAILED is set, then authentication failed because of  
(unspecified) firmware security policy.  
Second, this field describes whether the image was initialized or not.