

AN13681

Wi-Fi Alliance Derivative Certification Process for RW61x

Rev. 4.0 — 17 September 2025

Application note

Document information

Information	Content
Keywords	Wi-Fi Alliance (WFA), certificate qualification, certification process, derivative, RW610, RW612
Abstract	Overview of Wi-Fi Alliance certification program, the roles and responsibilities, and the step-by-step procedure of the Wi-Fi derivative certification process



1 About this document

The document presents the Wi-Fi Alliance derivative certification process.

2 Wi-Fi certification program

The Wi-Fi CERTIFIED™ logo on a product certifies the compliance with the industry agreed standard for interoperability, security, quality and a range of application specific protocols.

The Wi-Fi certification program guarantees tested and proven interoperability among Wi-Fi devices.

The Wi-Fi certification is an important milestone before the product launch. You can complete this last milestone at an authorized test laboratory (ATL) or at a solution test laboratory (STL).

For more information, visit [ref.\[1\]](#).

2.1 Certificate qualification

RW610, RW612

- STA | 802.11n
- STA | PMF
- STA | 802.11ac
- STA | FFD
- STA | SVD
- STA | WPA3 SAE (R3)
- STA | 802.11ax
- STA | QTT

2.2 Roles and responsibilities

Wi-Fi Alliance (WFA)

- Owns the certification program.
- Maintains the policies and requirements.
- Reviews the ATL results.
- Owns the final approval of Wi-Fi CERTIFIED products.

Authorized Test Laboratories (ATL)

- Operate as independent testing facilities.
- Submit the results to the Wi-Fi Alliance.
- Provide support for the ASD approval.
- Certify Wi-Fi products from any vendor.

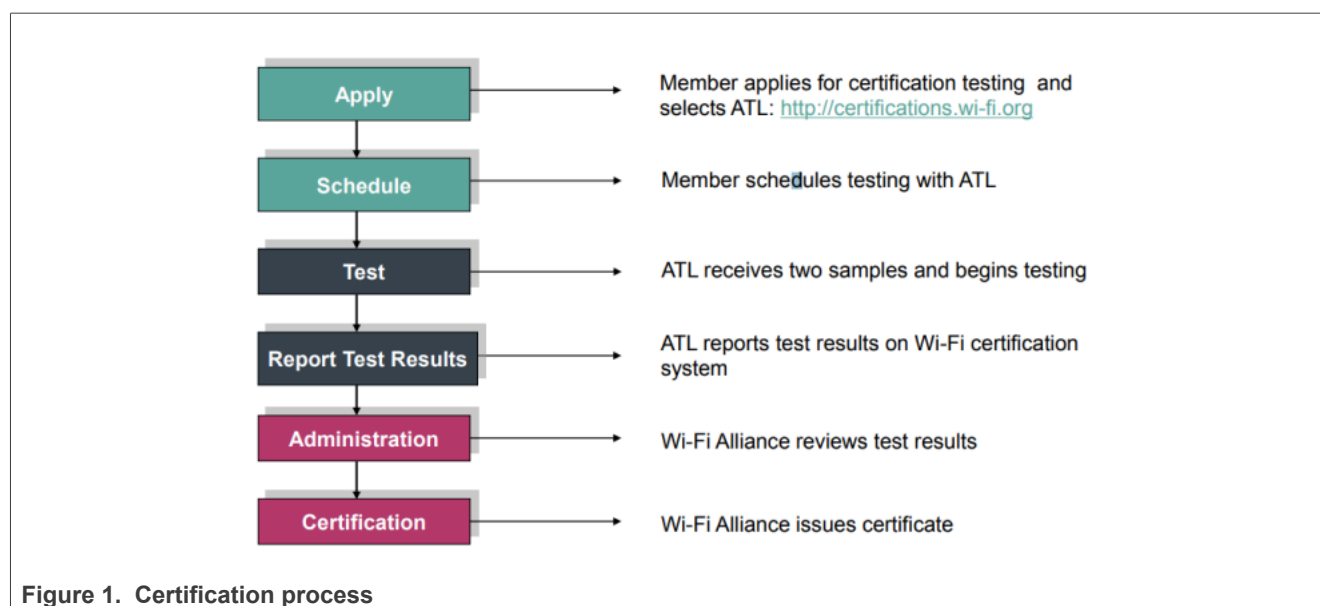
Solution Test Laboratories (STL)

- The Wi-Fi Alliance (WFA) grants the STL accreditation for Wi-Fi products.
- NXP is a Wi-Fi Alliance STL.
- The STLs:
 - Test and validate the compliance of Wi-Fi products with IEEE 802.11 standards.
 - Only certify the Wi-Fi products from the solution provider.

WFA members

- Acquire a membership (pre-requisite to obtain certification).
- Select a laboratory.
- Deliver the products to the laboratory.

2.3 Certification process



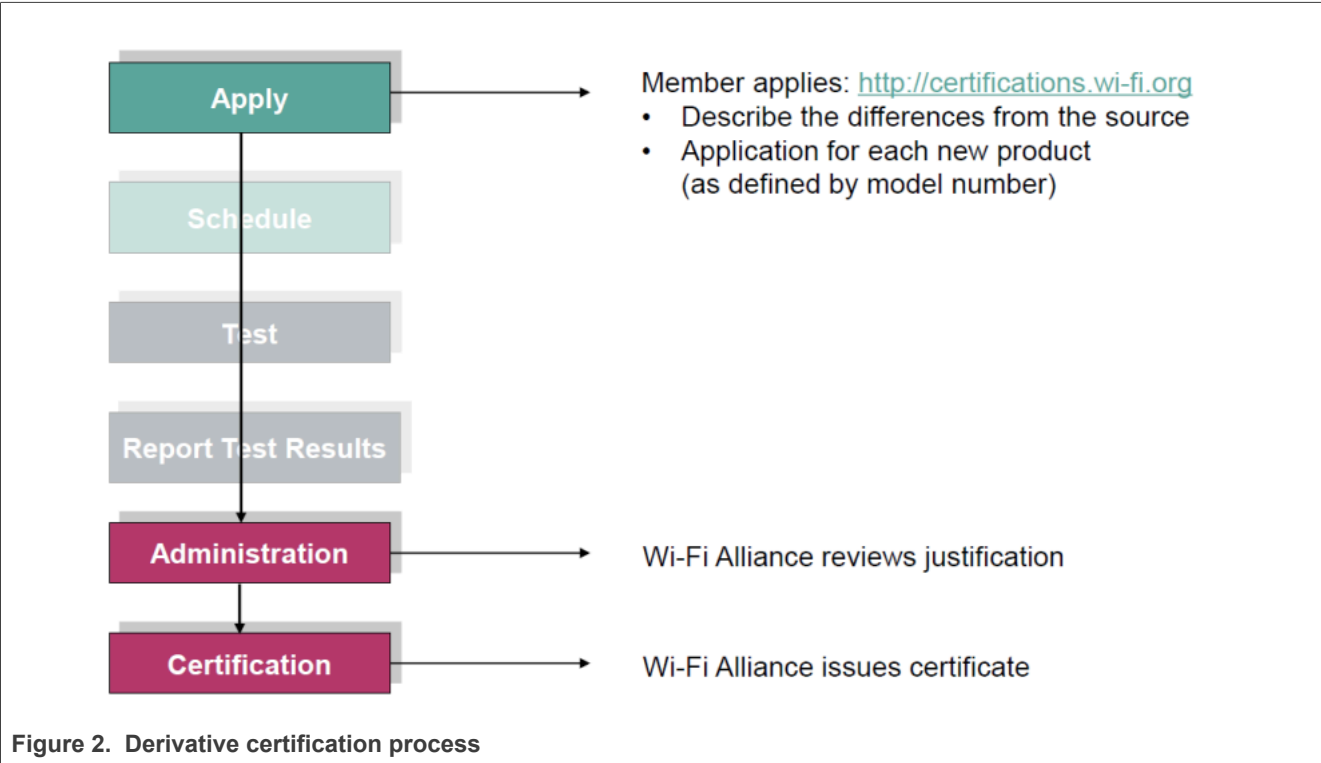
Note: Some steps of the certification process are skipped for a derivative certification. The process is explained in the following section.

3 Derivative certification

A derivative certification is a cost-effective way to utilize test results of a Wi-Fi CERTIFIED source product. Multiple derivative certifications can be submitted from the same source product. The new product must have the same silicon, operating system, and firmware as the Wi-Fi CERTIFIED source product. The new product must operate in the same manner as the Wi-Fi CERTIFIED source product. Any change in the new product MUST NOT affect the wireless functionality. A derivative certification cannot be designated as a source. A derivative certification cannot be used to seek another derivative certification.

3.1 Derivative certification process

Figure 2 illustrates the derivative certification process. Refer to Section 4 for details on each step of the process.



4 Step by step procedure

This section shows how to prepare and submit an application on Wi-Fi Alliance website

4.1 Sign in on Wi-Fi Alliance website and start a new application

- Open Wi-Fi Alliance website [ref.\[1\]](#).
- Sign in as member.
- Select the **New Application** tab. See [Figure 3](#).

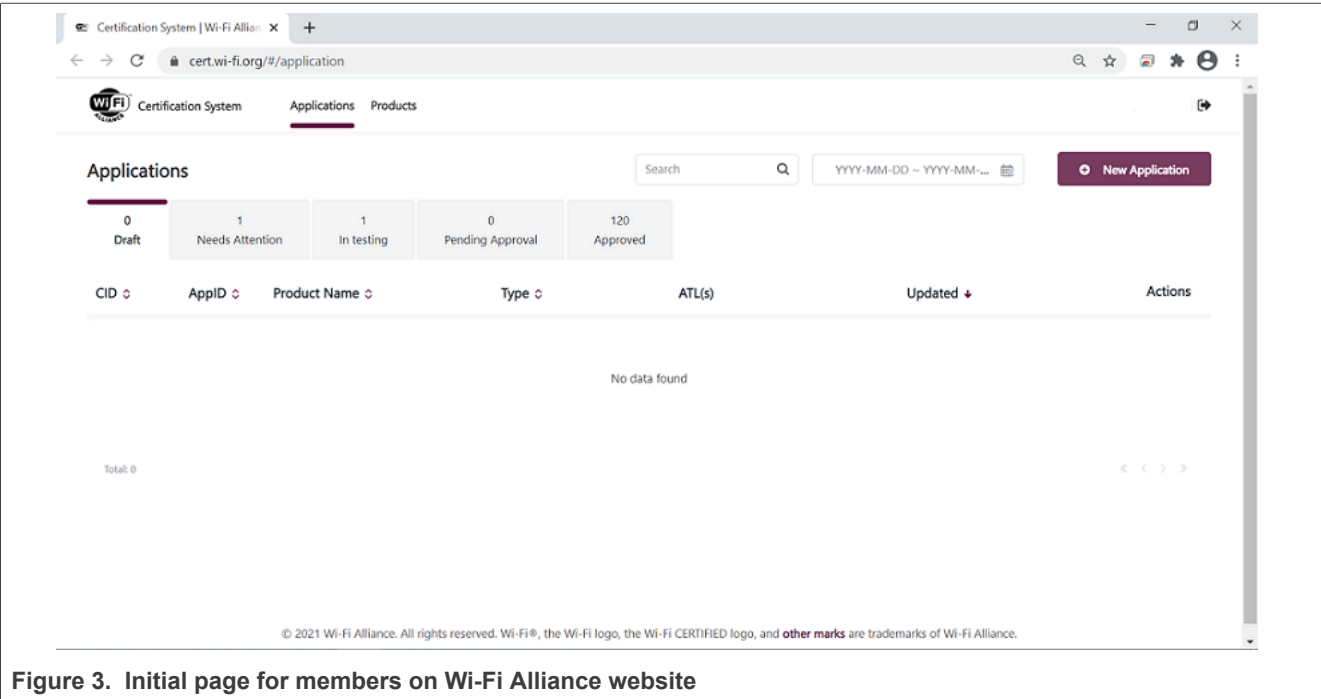


Figure 3. Initial page for members on Wi-Fi Alliance website

- On the **New application** page, select the certification type **A Derivative of Existing Product**. See [Figure 4](#).

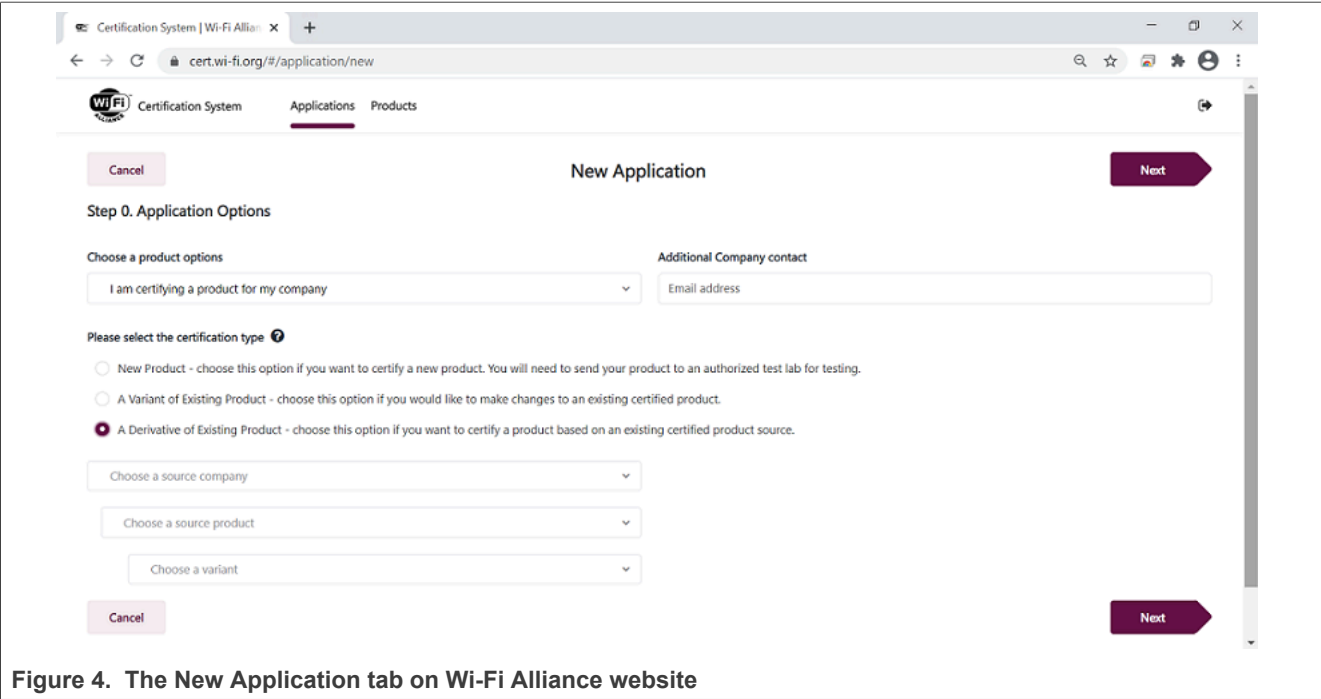


Figure 4. The New Application tab on Wi-Fi Alliance website

- In the drop-down list, select NXP as the **Source Company**.
- In the second drop-down list, select the CID for RW610 or RW612:
 - RW610: WFA127282
 - RW612: WFA130772

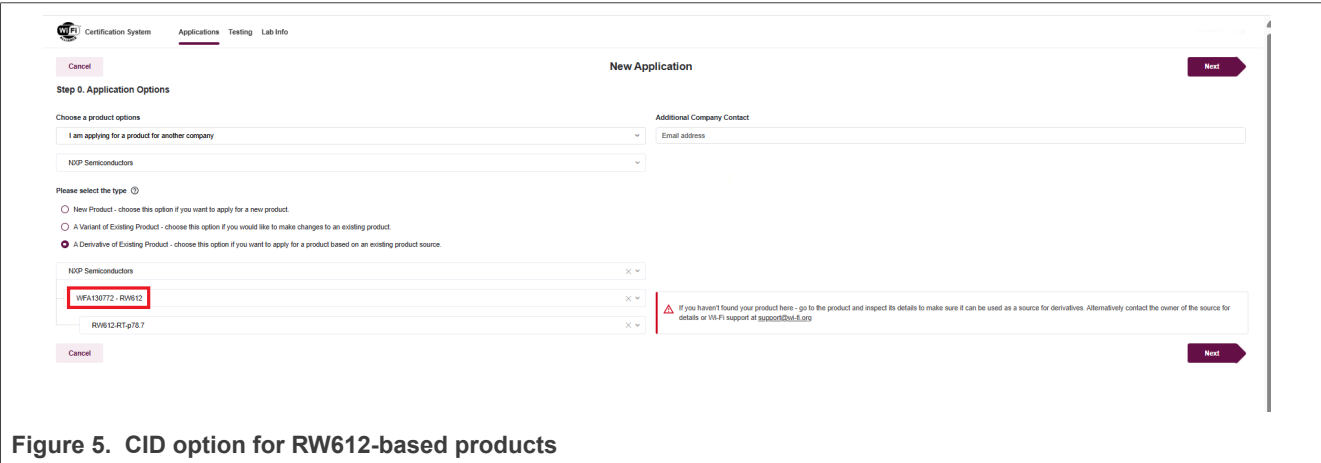


Figure 5. CID option for RW612-based products

- Click **Next** to open the **Product Information** page.

4.2 Fill in the product information

When the **Product Information** page opens:

- Enter the **Product name** and **Variant name**.
- Enter the **Module number** and provide the **Product URL**.
- Select the **Primary Category of Product** in the drop-down list.

Note: *Wi-Fi components cannot be modified. The list of Wi-Fi components shows for the CID option you have selected.*

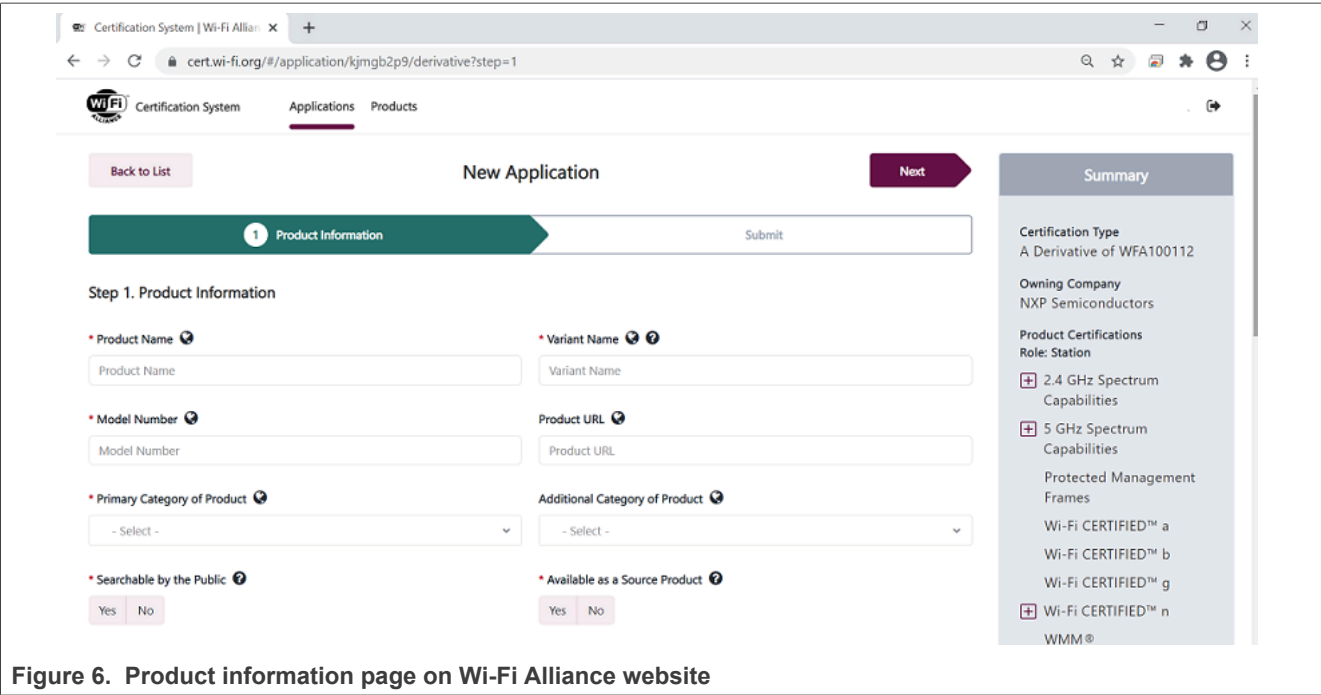


Figure 6. Product information page on Wi-Fi Alliance website

- Verify the Wi-Fi component details.
- Click Next to open the page with **Wi-Fi Alliance Terms and Agreements**.

4.3 Submit the application

- Tick the two check boxes to accept Wi-Fi Alliance terms and agreements as authorized member and representative of your organization. See [Figure 7](#).
- Click **Submit Application**.

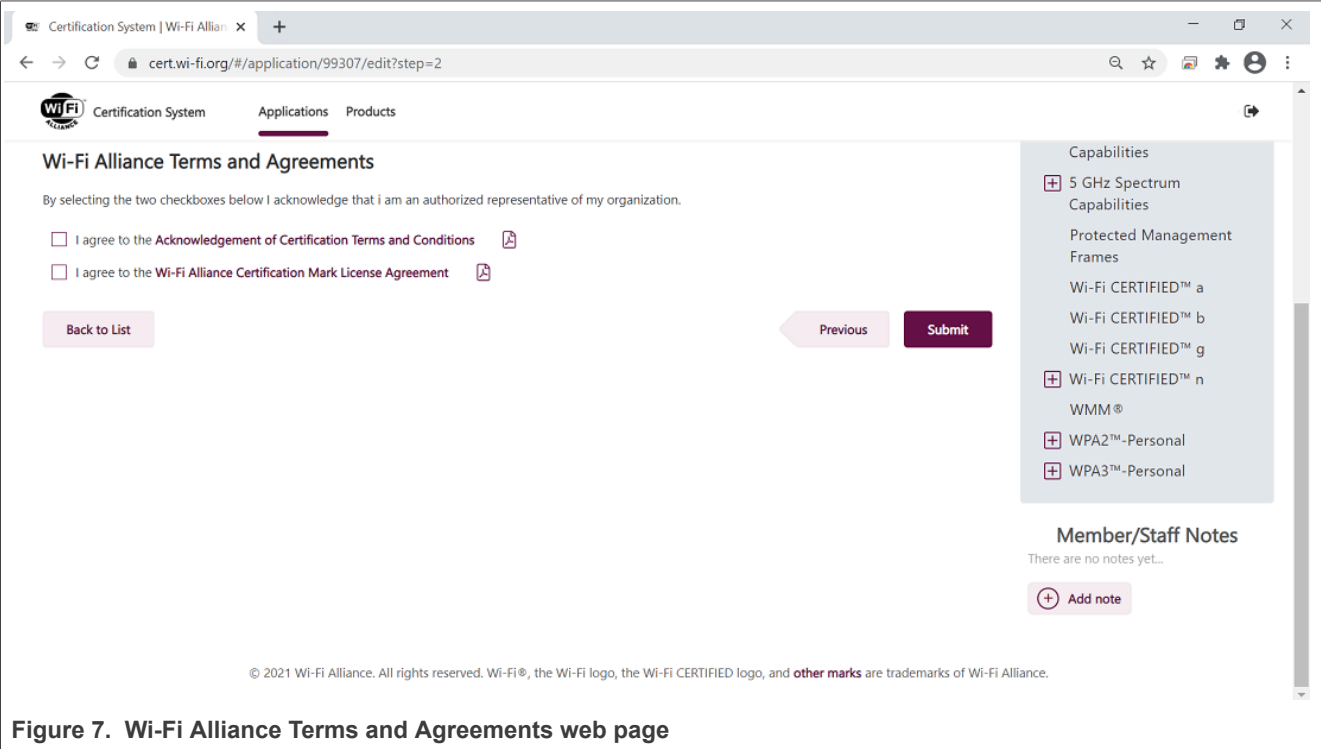


Figure 7. Wi-Fi Alliance Terms and Agreements web page

5 Obligations and outcomes for derivative certifications

- A member holding the source certification shall be informed of all approved derivative certifications.
- The member holding the source certification and the member holding the derivative certification shall both be accountable for addressing interoperability concerns.
- If interoperability concerns are found with a Derivative Certification and/or Source Certification then both certifications shall be subject to additional verification.
- If identified interoperability concern has not been resolved, the associated certifications shall be revoked.
- If information provided in the certification application(s) is found to be inaccurate, the associated certifications shall be revoked.
- If a Source Certification is revoked, all Derivative Certifications based on that Source Certification shall be revoked.
- A Member holding a Source Certification or a Derivative Certification shall be responsible for responding to Wi-Fi Alliance requests for information in support of these activities.

6 Abbreviations

Table 1. Abbreviations

Acronym	Description
ATL	Authorized test laboratory
CID	Certification identification number
STL	Solution test laboratory
WFA	Wi-Fi alliance

7 References

[1] Website – Wi-Fi Alliance website ([link](#))

8 Revision history

Table 2. Revision history

Document ID	Release date	Description
AN13681 v.4.0	17 September 2025	<ul style="list-style-type: none">• Section 1 "About this document": updated.• Section 2 "Wi-Fi certification program": updated the introduction.• Section 2.2 "Roles and responsibilities": updated.• Section 2.3 "Certification process": updated the note.• Section 3 "Derivative certification": updated the introduction.
AN13681 v.3.0	13 June 2025	<ul style="list-style-type: none">• Section 4.1 "Sign in on Wi-Fi Alliance website and start a new application": added Figure 5.
AN13681 v.2.0	8 January 2025	<ul style="list-style-type: none">• Document access changed to public• Section 2.1 "Certificate qualification": updated.• Section 4.1 "Sign in on Wi-Fi Alliance website and start a new application": updated the CID for RW612.
AN13681 v.1.0	12 December 2023	<ul style="list-style-type: none">• Initial version

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