EU Digital Operational Resilience Act

Compliance Mappings for
VMware Cloud Foundation 5.2

May 9, 2025

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Revision History

Date	Description of Change
May 9, 2025	Initial Release

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What is Included?

This bundle includes several artifacts:

• A CSV file correlating the Secure Controls Framework ID to particular capabilities in VMware Cloud Foundation.

• This document.

• A "Product Applicability Guide" which presents this data in a different format.

Download the Latest Version

This guide is evolving as we develop these mappings. It is provided for the convenience and benefit of end users and their auditors, even while we continue to develop it.

The most up-to-date version of this document can be found at:

https://brcm.tech/vcf-dora

or for redirection-unfriendly environments, in the Regulatory Compliance sections of our GitHub repository:

https://github.com/vmware/vcf-security-and-compliance-guidelines

That repository also contains numerous additional resources to help your security and compliance efforts.

How to Use This Data

The Secure Controls Framework is a meta-framework intended to help simplify regulatory compliance for organizations, especially those which have multiple regulations to adhere to. It is a tremendous tool and is available under an open-source license from their web site at:

https://securecontrolsframework.com/

As per their license, redistribution of their work when altered is not permitted, so this guide is intended to help organizations import and merge information about VMware infrastructure products into their data sets. This can be accomplished quite easily using the XLOOKUP function in Microsoft Excel.

Data Format

The CSV file contains five columns:

- The Secure Controls Framework Identifier, useful as a primary key.

- Core VCF Category, which is a generalization of VCF capabilities.

- Core VCF Category Description, which attempts to describe product capabilities and how they apply to the control.

- Correlated Baseline Technical Controls, which is a suggested set of technical security controls which could be applied to help meet the requirements of the control.

- DORA RTS on Risk Management Reference, containing Broadcom-developed mappings for the DORA Regulatory Technical Standard on ICT Risk Management which are not present in the SCF 2025.1 data.

The Secure Controls Framework 2025.1 also contains DORA mappings in their column "GI" which cannot be redistributed, but you'll be able to see them when you merge the data.

Merging

Our suggestion for merging this data is to use Microsoft Excel. This process is unsupported by Broadcom, but there are many web resources available on using XLOOKUP. If you disable the auto-save for your spreadsheets you can also revert them if something is amiss.

We don't recommend simple copy & paste, as row alignment may change between versions of the data sets.

1. Download the Secure Controls Framework spreadsheet.

2. Add a new tab and import the CSV data into that.

3. Add one to four columns to the "SCF 2025.1" tab to merge, depending on the data you want. We like putting them between column J and K so you can still see the Possible Solutions. Give those columns titles. You might also need to remove and re-add the column filters.

4. Use XLOOKUP to import the data. Here's what ours looks like:

    ```
    =XLOOKUP($A2,'VMWARE-DORA-TAB'!$A:$A,'VMWARE-DORA-TAB'!$B:$B,"")
    ```

    The "$" character stops autofill from changing that parameter.

5. Autofill that formula into the other 1200+ cells in the spreadsheet. Repeat as necessary for the other columns.

You will find that Microsoft Excel slows down considerably, and uses 100% of all of your CPU cores, when constantly recomputing 5000+ cells. To avoid this, once merged you might want to select all the merged data, copy it, and then paste values to remove the formulas.

If you want to keep the formula for reference just keep it in the first row of data, and paste values into all the rest. That way it is relatively fast, but you can still autofill down again if needed.

Selecting Frameworks

Once this data is merged you can use the filter functions in Excel to look at specific regulatory compliance frameworks. To do this, scroll right to the framework you are interested in, select the filter, and deselect the "Blanks" option. This will show you only the rows that correlate to data available for that regulation.

Feedback & Support

The primary source for this document is within our repository at:

https://github.com/vmware/vcf-security-and-compliance-guidelines

Feedback and issues can be filed through the Issues mechanism in that repository or through your account team.

For support, review the policy found at:

https://github.com/vmware/vcf-security-and-compliance-guidelines/blob/main/SUPPORT.md

We regret that we cannot provide direct end-user support for the non-Broadcom tools mentioned in this guide.

Thank you.

Third Party Identifiers & Mappings

This document includes regulatory compliance and security control identifiers from external sources as a convenience to end users. This does not constitute endorsement, in either direction.

There is not a one-to-one mapping of product capabilities to third-party controls. A product capability, or set of capabilities, may be applicable to multiple controls. Conversely, a control may be satisfied with the use of multiple capabilities.

Control identifier numbers have been included from the Secure Controls Framework, version 2025.1, under the terms of the Creative Commons Attribution-NoDerivatives 4.0 International Public License. No modifications have been made to the control identifier numbers under the terms of the license.

Security Hardening & Design

This document does not make specific security hardening recommendations. For baseline security guidance please consult the Security Configuration & Hardening Guides at https://github.com/vmware/vcf-security-and-compliance-guidelines

References

Information about the European Union Digital Operational Resilience Act (DORA) can be found at:

https://www.eiopa.europa.eu/digital-operational-resilience-act-dora