



# VMware Ready for Telco Cloud

## Take the Fast Path to Deployment with Network Function Certification

### VMWARE READY FOR TELCO CLOUD AT A GLANCE

The VMware Ready for Telco Cloud program helps CSPs identify VMware partner network functions that have been validated to work with VMware vCloud® NFV™ and VMware® Telco Cloud Automation™. These network functions meet VMware standards for integration and interoperability. The VMware Ready for Telco Cloud logo indicates the unique capabilities of VMware-integrated products and a commitment to long-term feature support.

### CERTIFICATION LEVELS

The VMware Ready for Telco Cloud program has two certification levels:

- Ready for Telco Cloud Infrastructure
- Ready for Telco Cloud



### Introduction

The VMware Ready for Telco Cloud program certifies that your network functions interoperate with the VMware Telco Cloud platform to help communications service providers accelerate the deployment of these workloads.

The program also helps prepare your workloads for rapid deployment with VMware Telco Cloud Automation by ensuring gVNFM interoperability and the creation of standard-based onboarding artifacts.

The award-winning VMware Ready for Telco Cloud program has certified functions from a broad range of [partners](#), including Affirmed Networks, Cisco, Ericsson, Huawei, Mavenir, Metaswitch, Nokia, and ZTE.

### Certification Levels

There are two certification levels: VMware Ready for Telco Cloud Infrastructure and VMware Ready for Telco Cloud.

The Ready for Telco Cloud Infrastructure certification identifies virtual network functions that have been proven to interoperate with the core infrastructure layers of the VMware Telco Cloud described in the ETSI-compliant vCloud NFV Reference Architecture. The focus of this certification level is on compatibility with the virtualized infrastructure manager (VIM) and the other core components of the reference architecture: VMware vSphere®, VMware NSX®, and VMware vSAN™.

The Ready for Telco Cloud level extends the infrastructure certification, which is a prerequisite, to ensure that network functions are ready for deployment and lifecycle operations through VMware Telco Cloud Automation. For this level, the VMware team collaborates with you to create an ETSI-compliant SOL001 descriptor as well as workflow, resource, and commissioning artifacts for a validated and tested cloud service archive (CSAR). Testing for this level takes place in the Ready for Telco Cloud lab on the VMware premises.

### Self-Certification for the Infrastructure Level

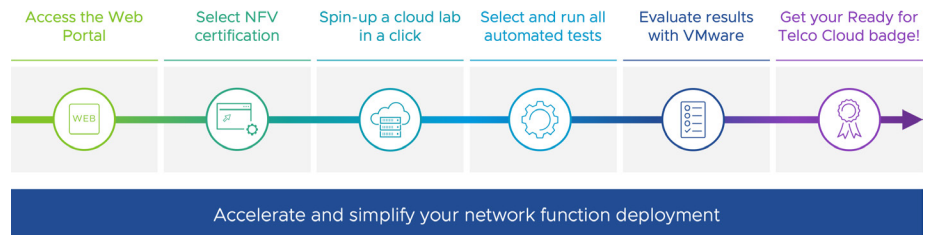
The VMware Ready for Telco Cloud Infrastructure certification is available in two forms:

- At the Ready for Telco Cloud lab on the VMware premises
- In the VMware testing cloud as self-certification

The path that uses the VMware lab is well suited to certifying large network functions and hardware-dependent functions. The cloud-based self-certification path gives you more flexibility to define your own time lines, helps you certify more of your workloads, and reduces the dependency on building an on-premises lab for your preparations.

**PROGRAM BENEFITS**

- Improve the interoperability and quality of network functions
- Demonstrate the production readiness of your network functions to CSPs that use the VMware Telco Cloud platform
- Use the VMware Ready logo and list products on the VMware Solution Exchange
- Select the self-certification option (for the infrastructure-level certification) to speed up time to production by testing functions independently in the VMware testing cloud



**FIGURE 1:** The VMware Ready for Telco Cloud Infrastructure self-certification process.

Self-certification empowers you to verify that any version of your software is ready to be quickly deployed in any version of vCloud NFV. The self-certification path also helps you prepare relevant workloads for easy deployment with VMware Telco Cloud Automation, setting you up for the next level of certification, Ready for Telco Cloud.

Self-certification is open to all network function vendors. The test cases for self-certification are based on the same test plan used by VMware engineers in the VMware test labs. The main difference is that the self-certification path lets you run the tests independently in the VMware testing cloud. The same VMware team will provide assistance regardless of which path you take.

The self-certification approach speeds up the process because you can start certifying your product immediately in the VMware testing cloud instead of waiting for VMware lab capacity and the availability of VMware engineers.

**Self-Certification Process**

To self-certify a workload, you log in to the VMware Integration Validation Service [portal](#) by using your My VMware account. Next, you select the certification, the vCloud NFV version, and the size of the lab. A new instance of vCloud NFV will be ready for you in about an hour. The instance includes a console with Internet access to download your workload and contains instructions for onboarding the workload.

After you onboard the workload, you launch the automated test suite, choose the applicable tests, and run them. When the tests are complete, you submit the results for review by the VMware team. Once the results are reviewed and approved, you can initiate the publication of the certification on the [VMware Solution Exchange](#).

**Continual Quality Assessment**

The VMware Ready for Telco Cloud program is continually refined to enhance the operating capabilities of network functions in multi-vendor environments, and the self-certification program for the infrastructure level as well as the Ready for Telco Cloud level are extensions of that objective. VMware reviews field-related issues monthly to assess the quality and breath of the testing. Test cases are added to reduce issues. VMware also collects requirements from customers and integrates them into the program. With the release of each major version of vCloud NFV, VMware introduces these new requirements and test cases to reflect new solution capabilities. You are invited to recertify your products.

**Conclusion**

The VMware Ready for Telco Cloud program is your path to rapid workload onboarding and integration. The program has two certifications: Ready for Telco Cloud Infrastructure and Ready for Telco Cloud. The infrastructure certification is available in two forms: on-premises at the VMware lab and as self-certification in the VMware testing cloud. The Ready for Telco Cloud certification takes place in the VMware lab. We invite you to collaborate with us and help our joint customers realize the benefits of the VMware Telco Cloud.

**NETWORK TRANSFORMATION AWARDS 2018**

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2018 WINNERS

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**AWARD-WINNING PROGRAM**

In 2018, the program received the SDN/NFV World Congress Network Transformation Award for Best NFV Ecosystem.

**BECOME A PARTNER**

To get started as a partner, see the VMware Ready program or the Technology Alliance Partner Program (TAP):

<https://www.vmware.com/partners/tech-alliance/vmware-ready.html>

<https://www.vmware.com/partners/tech-alliance.html>

