

# I/O Vendor Partner Package (IOVP)

The I/O Vendor Partner package (IOVP) is targeted at qualified partners interested in building and certifying devices and drivers for ESXi, and IHVs (Independent Hardware Vendors) who manufacture network and storage host bus adapters.

The I/O Vendor Partner package (IOVP) offers members a comprehensive set of tools and resources needed to develop, certify and release I/O device drivers for network and storage host bus adapters. Although the IOVP package is part of the SDDC Integration Program, admission to IOVP is subject to VMware approval.

**Applicants must submit information about their company and solutions using the IOVP questionnaire to be considered. Application is limited to network and storage host bus adapter manufacturers (IHVs) and server OEMs.**

**Nexii Labs will help the partners in testing and validating their I/O device drivers for VMware Ready IOVP certification.**

## *IOVP conformance testing process*

**The partner must submit information about their company and solutions using the IOVP questionnaire for VMware approval before starting the actual testing.**

**Step-1:** Understanding the requirement(s) thoroughly with the help of questionnaire and plan the execution accordingly.

**Step-2:** Test Plan preparation for the complete requirement and get it reviewed.

**Step-3:** Test bed setup and configuration including VMware Workbench setup to start the test suite.

**Step-4:** Start the required test suite execution from workbench and collect all the log files.

**Step-5:** Debug and re-verify, if any failed test cases are there. Follow the appropriate process if the test case is a real failure.

**Step-6:** Prepare a test results report and submit to VMware along with logs by raising SR for review. Work with VMware till the review of the results is completed.

**Step-7:** Share the review results with the client in-order to send a separate request to update the VMware Compatibility Guide (VCG) and for VMware Ready logo

## *Test scenarios*

**The I/O device driver could be for Network or Storage. The following are the high level test scenarios.**

1. Basic Functional Tests of VMware
2. Fault-Tolerance tests
3. Performance tests with different workloads

## IOVP Program Testing Timelines

Over all IOVP certification program testing will take around 4 weeks, assuming all the required software, licenses and hardware are available and no issues are observed during the testing. It will take more time if any issue(s) are there. Issue(s) fixing time and re-verification time of related tests will get added.

## Deliverables

As part of this program, will share the following:

1. Test plan document
2. Test results along with logs
3. Test results review report sent by VMware

## Process requirement

