

InfoScale Availability Technology Track Welcome Kit

Veritas™ Technology Partner Program (VTPP)

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Introduction

Welcome to the InfoScale Availability Technology Track, brought to you by the Veritas Technology Partner Program (VTPP).

The InfoScale Availability Technology Track provides you SDKs, developer support services, and a developer community to help you develop Veritas-certified high availability custom agents. These certified agents are integrated with the InfoScale Availability agents on the [Veritas Services and Operations Readiness Tools \(SORT\)](#) site.

InfoScale Availability agents are programs that allow the Cluster Server (VCS) component of the InfoScale Availability and InfoScale Enterprise products to monitor system and application resources. An agent acts as an intermediary between VCS and the resources it manages, typically by bringing them online, monitoring their state, or taking them offline.

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Agent functions

Agent functions are scripts or binaries that agents call to manage a resource and to perform specific operations on a resource on behalf of VCS.

Agent attributes

Every agent has a set of attributes. The values assigned to these attributes uniquely identify the application for which the resource is configured. These values determine the behavior of the resource that the agent manages.

Agent information XML file

Every agent has an XML file that contains information about the agent, such as the name and version of the agent and the description of the agent attributes.

Resource types definition file

Every agent has its own `AgentTypes.cf` types definition file—a text file that represents the VCS configuration definition of the agent.

For more information about the key concepts, refer to the *Cluster Server Agent Developer's Guide*.

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Technology track process summary

Step 1: Agreement	Partners sign the Technology Track Addendum and pay applicable fees in accordance with the Technology Track Schedule.
Step 2: Agent development	Partners develop a custom agent with assistance from Veritas.
Step 3: Agent testing	Partners test the agents using self-test tools and Veritas-provided generic test cases.
Step 4: Agent validation	Veritas validates the test results from partners' self-testing.
Step 5: Agent certification	Veritas certifies the agent and makes it available on SORT.
Step 6: Logo and Listing	Veritas provides partners, if eligible, with Veritas <i>Certified Technology</i> logo or Veritas <i>Compatible Technology</i> logo and Veritas updates the Compatibility Lists as appropriate.
Step 7: Interoperability	Partners notify Veritas of relevant changes to its product, configuration, or API Connector as specified in the applicable Technology Track Addendum.

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1. Configure a VCS cluster.
Refer to the *Cluster Server Administrator's Guide* and the *Cluster Server Agent Developer's Guide*.
 - Determine application clustering ability.
 - Review key VCS concepts.
 - Set up a VCS cluster.
2. Develop the agent.
 - Decide the attributes and their types and dimensions for this new agent.
 - Based on the agent attributes, create the types definition file for this agent.
 - Decide whether to implement the agent entry points using C++ code, scripts, or a combination of the two. Create the entry points.
 - Build the agent, create the required files, and place the agent in specific directories.
 - Create an agent installation and configuration guide.
 - Create an OS-native package for the agent.
3. Test the agent.
 - Install the agent.
 - Import the resource type into the VCS configuration.
 - Test the agent by using the Veritas-provided generic test cases.
Refer to the InfoScale Availability Technology Track Agent Test Case Guide that applies to the agent type.

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Refer to the following Infoscale product guides:

- *Cluster Server Administrator's Guide*
- *Veritas Infoscale Installation Guide*
or
Veritas InfoScale for Windows Installation and Upgrade Guide
- *Cluster Server Agent Developer's Guide*
- *Cluster Server Bundled Agents Reference Guide*

Locate the appropriate platform and release-specific document at: <https://sort.veritas.com/documents>.

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VTPP Partners enrolled in the InfoScale Availability Technology Track can access development support by contacting us at DL-VTAS-IA-VTPP@veritas.com.

Joint Customers may access Technical Support Information at www.veritas.com/support.

All support services will be delivered in accordance with the support terms of the enterprise technical support policy.

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