

# Cluster Server ACC Library Installation Guide

AIX, Linux, Solaris

6.2

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Veritas Services and Operations Readiness Tools (SORT) is a website that provides information and tools to automate and simplify certain time-consuming administrative tasks. Depending on the product, SORT helps you prepare for installations and upgrades, identify risks in your datacenters, and improve operational efficiency. To see what services and tools SORT provides for your product, see the data sheet:

[https://sort.veritas.com/data/support/SORT\\_Data\\_Sheet.pdf](https://sort.veritas.com/data/support/SORT_Data_Sheet.pdf)

# Installing and removing the ACC library

This document includes the following topics:

- [About the ACC library](#)
- [Supported software](#)
- [Installing the ACC library](#)
- [Removing the ACC library](#)

## About the ACC library

The operations of a Cluster Server agent depend on a set of Perl modules known as the ACC library. The library must be installed on each system in the cluster that runs the agent. The ACC library contains common, reusable functions that perform tasks, such as process identification, logging, and system calls.

Instructions to install or remove the ACC library on a single system in the cluster are given in the following sections. The instructions assume that the ACCLib tar file has already been extracted.

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**Note:** The LogDbg attribute should be used to enable debug logs for the ACCLib-based agents when the ACCLib version is 6.2.0.0 or later and VCS version is 6.2 or later.

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## Supported software

For information on the software versions that ACC Library supports, see the Veritas Services and Operations Readiness Tools (SORT) site:  
<https://sort.veritas.com/agents>.

## Installing the ACC library

Install the ACC library on each system in the cluster that runs an agent that depends on the ACC library.

### To install the ACC library

- 1 Log in as a superuser.
- 2 Download ACC Library.

You can download either the complete Agent Pack tar file or the individual ACCLib tar file from the Veritas Services and Operations Readiness Tools (SORT) site (<https://sort.veritas.com/agents>).

- 3 If you downloaded the complete Agent Pack tar file, navigate to the directory containing the package for the platform running in your environment.

AIX	<code>cd1/aix/vcs/application/acc_library/version_library/pkg</code>
Linux	<code>cd1/linux/generic/vcs/application/acc_library/version_library/rpms</code>
Solaris	<code>cd1/solaris/dist_arch/vcs/application/acc_library/version_library/pkg</code>

- 4 If you downloaded the individual ACCLib tar file, navigate to the pkgs directory (for AIX and Solaris), or rpms directory (for Linux).
- 5 Install the package. Enter **Yes**, if asked to confirm overwriting of files in the existing package.

AIX           # installp -ac -d VRTSacclib.bff VRTSacclib

Linux        # rpm -i \  
              VRTSacclib-VersionNumber-GA\_GENERIC.noarch.rpm

Solaris      # pkgadd -d VRTSacclib.pkg

**Note:** To install the ACCLib IPS package on a Solaris 11 system, see [Installing the ACC library IPS package on Oracle Solaris 11 systems](#).

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**Note:** The LogDbg attribute should be used to enable debug logs for the ACCLib-based agents when the ACCLib version is 6.2.0.0 or later and VCS version is 6.2 or later.

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## Installing the ACC library IPS package on Oracle Solaris 11 systems

Install the ACC library IPS package on an Oracle Solaris 11 system.

### To install the ACC library IPS package on Oracle Solaris 11 systems

- 1 Copy the VRTSacclib.p5p package from the pkgs directory to the system in the /tmp/install directory.

- 2 Disable the publishers that are not reachable as package install may fail, if any, of the already added repositories are unreachable.

```
# pkg set-publisher --disable <publisher name>
```

- 3 Add a file-based repository in the system.

```
# pkg set-publisher -g /tmp/install/VRTSacclib.p5p Veritas
```

- 4 Install the package.

```
# pkg install --accept VRTSacclib
```

- 5 Remove the publisher from the system.

```
# pkg unset-publisher Veritas
```

- 6 Enable the publishers that were disabled earlier.

```
# pkg set-publisher --enable <publisher name>
```

## Installing the ACC library package on Solaris brand non-global zones

With Oracle Solaris 11, you must install the ACC library package inside non-global zones. The native non-global zones are called Solaris brand zones.

### To install the ACC library package on Solaris brand non-global zones

- 1 Ensure that the SMF services,  
`svc:/application/pkg/system-repository:default` and  
`svc:/application/pkg/zones-proxyd:default`, are online on the global zone.  

```
# svcsvcs svc:/application/pkg/system-repository:default
# svcsvcs svc:/application/pkg/zones-proxyd:default
```
- 2 Log on to the non-global zone as a superuser.
- 3 Ensure that the SMF service  
`svc:/application/pkg/zones-proxy-client:default` is online inside the non-global zone:  

```
# svcsvcs svc:/application/pkg/zones-proxy-client:default
```
- 4 Copy the `VRTSacclib.p5p` package from the `pkgs` directory to the non-global zone (for example, at the `/tmp/install` directory).
- 5 Disable the publishers that are not reachable, as package install may fail, if any of the already added repositories are unreachable.  

```
# pkg set-publisher --disable <publisher name>
```
- 6 Add a file-based repository in the non-global zone.  

```
# pkg set-publisher -g/tmp/install/VRTSacclib.p5p Veritas
```
- 7 Install the package.  

```
# pkg install --accept VRTSacclib
```
- 8 Remove the publisher on the non-global zone.  

```
# pkg unset-publisher Veritas
```
- 9 Clear the state of the SMF service, as setting the file-based repository causes the SMF service `svc:/application/pkg/system-repository:default` to go into the maintenance state.  

```
# svcadm clear svc:/application/pkg/system-repository:default
```
- 10 Enable the publishers that were disabled earlier.  

```
# pkg set-publisher --enable <publisher>
```

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**Note:** Perform steps 2 through 10 on each non-global zone.

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## Removing the ACC library

Perform the following steps to remove the ACC library.

### To remove the ACC library

- 1 Ensure that all agents that use ACC library are removed.
- 2 Run the following command to remove the ACC library package:

AIX           # installp -u VRTSacclib

Linux        # rpm -e VRTSacclib

Solaris      # pkgrm VRTSacclib

**Note:** To uninstall the ACCLib IPS package on a Solaris 11 system, run the following command:

# pkg uninstall VRTSacclib