

## Obtaining the FACT RPM File

FACT is distributed as an RPM file. To obtain a copy of the FACT RPM, perform the following steps:

**Step 1** Navigate to the Cisco software download site at the following URL:

<http://www.cisco.com/kobayashi/sw-center/index.shtml>

If you are not already a registered user, you must register at the preceding URL to gain access to software downloads.

**Step 2** Select the software product category by clicking the **Server Network and Virtualization** link.

**Step 3** Select a device by choosing **Server Fabric Software > InfiniBand Management Software > Cisco Fabric Analysis and Correlation Toolkit**.

## Installing FACT Software

To install the RPM, perform the following steps:

**Step 1** Log in as a super user.

**Step 2** Install the FACT RPM by entering the following command:

```
# rpm -i cisco-fact- version -noarch.rpm
```

After FACT installs you can obtain and install additional software to make use of the full FACT functionality. (See [Obtaining and Installing Optional Software Tools](#).) Otherwise, you must create the FACT configuration files.

## Obtaining and Installing ibspark

FACT enables users to upgrade firmware on unmanaged switches and on the control ports. To control the ports you must have the `ibportstate` utility available on a host with which FACT can communicate, and to upgrade firmware on unmanaged switches you must obtain and install the `ibspark` tool.

**Note:** To control the ports you must have the `ibportstate` utility available on a host with which FACT can communicate. The `ibportstate` utility is an Open Fabrics utility that is not included with FACT software.

To obtain and install the optional `ibspark` software tool, perform the following steps:

**Step 1** Navigate to the Cisco software download site at the following URL:

<http://www.cisco.com/kobayashi/sw-center/index.shtml>

If you are not already a resitered user, you must register at the preceding URL to gain access to software downloads.

**Step 2** Select the software product category by clicking the **Server Network and Virtualization** link.

**Step 3** Select the `ibspark` tool by choosing **Server Fabric Software > InfiniBand Management Software > Cisco Fabric Analysis and Correlation Toolkit > ibspark**.

**Step 4** Install ibspark.