



# Post-Installation Configuration Tasks

This chapter provides a set of configuration tasks that you must perform to work with ACS. This chapter contains the following sections:

- [Configuring Minimal System Setup, page 6-1](#)
- [Configuring ACS to Perform System Administration Tasks, page 6-1](#)
- [Configuring ACS to Manage Access Policies, page 6-3](#)
- [Configuring ACS to Monitor and Troubleshoot Problems in the Network, page 6-4](#)

## Configuring Minimal System Setup

[Table 6-1](#) lists the steps that you must follow for a minimal system setup to get ACS up and running quickly in a lab, evaluation, or demonstration environment.

**Table 6-1** *Minimal System Setup*

Step No.	Task	Drawer	Refer to...
Step 1	Add network devices.	<b>Network Resources &gt; Network Devices and AAA Clients</b>	<a href="#">Creating, Duplicating, and Editing Network Devices, page 7-10.</a>
Step 2	Add users.	<b>Users and Identity Stores &gt; Internal Identity Stores &gt; Users</b>	<a href="#">Creating Internal Users, page 8-13.</a>
Step 3	Create authorization rules to permit or deny access.	<b>Policy Elements &gt; Authorization and Permissions</b>	<a href="#">Managing Authorizations and Permissions, page 9-17.</a>

## Configuring ACS to Perform System Administration Tasks

[Table 6-2](#) lists the set of system administration tasks that you must perform to administer ACS.

Table 6-2 System Administration Tasks

Step No.	Task	Drawer	Refer to...
Step 1	Install ACS license.	<b>System Administration &gt; Configuration &gt; Licensing</b>	<a href="#">Licensing Overview, page 18-37.</a>
Step 2	Install system certificates.	<b>System Administration &gt; Configuration &gt; Local Server Certificates &gt; Local Certificates</b>	<a href="#">Configuring Local Server Certificates, page 18-16.</a>
Step 3	Configure password policy rules for administrators and users.	<ul style="list-style-type: none"> <li>For administrators: <b>System Administration &gt; Administrators &gt; Settings &gt; Authentication</b></li> <li>For administrator access settings: <b>System Administration &gt; Administrators &gt; Settings &gt; Access</b></li> <li>For users: <b>System Administration &gt; Users &gt; Authentication Settings</b></li> <li>For hosts: <b>System Administration &gt; Hosts &gt; Authentication Settings</b></li> </ul>	<ul style="list-style-type: none"> <li>For administrators: <a href="#">Configuring Authentication Settings for Administrators, page 16-14.</a></li> <li>For administrator access settings: <a href="#">Configuring Administrator Access Settings, page 16-17</a></li> <li>For users: <a href="#">Configuring Authentication Settings for Users, page 8-9.</a></li> </ul>
Step 4	Add ACS administrators.	<b>System Administration &gt; Administrators &gt; Accounts</b>	<a href="#">Configuring System Administrators and Accounts, page 16-3</a>
Step 5	Configure primary and secondary ACS instances.	<b>System Administration &gt; Operations &gt; Distributed System Management</b>	<a href="#">Understanding Distributed Deployment, page 17-2.</a>
Step 6	Configure logging.	<b>System Administration &gt; Configuration &gt; Log Configuration</b>	<a href="#">Configuring Local and Remote Log Storage, page 18-23.</a>
Step 7	Add network devices.	<b>Network Resources &gt; Network Devices and AAA Clients</b>	<a href="#">Creating, Duplicating, and Editing Network Devices, page 7-10.</a>

**Table 6-2** System Administration Tasks (continued)

Step No.	Task	Drawer	Refer to...
Step 8	Add users or hosts to the internal identity store, or define external identity stores, or both.	<ul style="list-style-type: none"> <li>For internal identity stores: <b>Users and Identity Stores &gt; Internal Identity Stores</b></li> <li>For external identity stores: <b>Users and Identity Stores &gt; External Identity Stores</b></li> </ul>	<ul style="list-style-type: none"> <li>For internal identity stores: <ul style="list-style-type: none"> <li>– <a href="#">Creating Internal Users</a>, page 8-13.</li> <li>– <a href="#">Creating Hosts in Identity Stores</a>, page 8-23.</li> </ul> </li> <li>For external identity stores: <ul style="list-style-type: none"> <li>– <a href="#">Creating External LDAP Identity Stores</a>, page 8-34.</li> <li>– <a href="#">Joining ACS to an AD Domain</a>, page 8-67.</li> <li>– <a href="#">Creating and Editing RSA SecurID Token Servers</a>, page 8-81.</li> <li>– <a href="#">Creating, Duplicating, and Editing RADIUS Identity Servers</a>, page 8-90.</li> </ul> </li> </ul>
Step 9	Add end user certificates.	<b>Users and Identity Stores &gt; Certificate Authorities</b>	<a href="#">Adding a Certificate Authority</a> , page 8-96.
Step 10	Configure identity sequence.	<b>Users and Identity Stores &gt; Identity Store Sequences</b>	<a href="#">Creating, Duplicating, and Editing Identity Store Sequences</a> , page 8-103.

## Configuring ACS to Manage Access Policies

[Table 6-3](#) lists the set of tasks that you must perform to manage access restrictions and permissions.

**Table 6-3** Managing Access Policies

Step No.	Task	Drawer	Refer to...
Step 1	Define policy conditions.	<b>Policy Elements &gt; Session Conditions</b>	<a href="#">Managing Policy Conditions</a> , page 9-1.

Table 6-3 *Managing Access Policies (continued)*

Step No.	Task	Drawer	Refer to...
Step 2	Define authorization and permissions.	<b>Policy Elements &gt; Authorization and Permissions</b>	<a href="#">Managing Authorizations and Permissions, page 9-17.</a>
Step 3	Define access services and service selection policies.	<b>Access Policies &gt; Access Services</b>	<ul style="list-style-type: none"> <li>To configure access services: <a href="#">Configuring Access Services, page 10-11.</a></li> <li>To configure access service policies: <a href="#">Configuring Access Service Policies, page 10-23.</a></li> <li>To configure compound conditions: <a href="#">Configuring Compound Conditions, page 10-41.</a></li> </ul>

## Configuring ACS to Monitor and Troubleshoot Problems in the Network

Table 6-4 lists a set of configuration tasks that you must perform to troubleshoot the Monitoring and Report Viewer.

Table 6-4 *Monitoring and Troubleshooting Configuration*

Step No.	Task	Drawer	Refer to...
Step 1	Configure data purge and backup.	<b>Monitoring Configuration &gt; System Operations &gt; Data Management &gt; Removal and Backup</b>	<a href="#">Configuring Data Purging and Incremental Backup, page 15-3.</a>
Step 2	Specify e-mail settings.	<b>Monitoring Configuration &gt; System Configuration &gt; Email Settings</b>	<a href="#">Specifying E Mail Settings, page 15-16.</a>
Step 3	Configure collection filters.	<b>Monitoring Configuration &gt; System Configuration &gt; Collection Filters</b>	<a href="#">Understanding Collection Filters, page 15-19.</a>
Step 4	Enable system alarms and specify how you would like to receive notification.	<b>Monitoring Configuration &gt; System Configuration &gt; System Alarm Settings</b>	<a href="#">Configuring System Alarm Settings, page 15-21.</a>

**Table 6-4** *Monitoring and Troubleshooting Configuration (continued)*

<b>Step No.</b>	<b>Task</b>	<b>Drawer</b>	<b>Refer to...</b>
<b>Step 5</b>	Define schedules and create threshold alarms.	<b>Monitoring and Reports &gt; Alarms</b>	<ul style="list-style-type: none"> <li>To configure schedules: <a href="#">Understanding Alarm Schedules, page 12-8.</a></li> <li>To create threshold alarms: <a href="#">Creating, Editing, and Duplicating Alarm Thresholds, page 12-11.</a></li> </ul>
<b>Step 6</b>	Configure alarm syslog targets.	<b>Monitoring Configuration &gt; System Configuration &gt; Alarm Syslog Targets</b>	<a href="#">Configuring Alarm Syslog Targets, page 15-21.</a>
<b>Step 7</b>	Configure remote database to export the Monitoring and Report Viewer data.	<b>Monitoring Configuration &gt; System Configuration &gt; Remote Database Settings</b>	<a href="#">Configuring Remote Database Settings, page 15-21.</a>

