



## CHAPTER 3

# Cisco ISE Task Navigator

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This chapter introduces the Cisco Identity Service Engine (ISE) Task Navigators, and covers the following topics:

- [Navigating Multiple Task Procedures, page 3-1](#)
- [Setup, page 3-3](#)
- [Profiling, page 3-5](#)
- [Basic User Authorization, page 3-6](#)
- [Client Provisioning and Posture, page 3-7](#)
- [Basic Guest Authorization, page 3-9](#)
- [Advanced User Authorization, page 3-10](#)
- [Advanced Guest Authorization, page 3-12](#)

## Navigating Multiple Task Procedures

Task Navigators provide a visual path through Cisco ISE administration and configuration processes, which span multiple user interface screens. The linear presentation of the Task Navigator outlines the order in which the tasks should be completed, while also providing direct links to the screens where you perform the tasks.

**Note**

Task Navigators do not retain information about the tasks you have completed. It is a visual guide that takes you directly to the user interface screens where you perform its related tasks.

## Task Navigator Menu

The Task Navigator menu appears in the upper right corner of the Cisco ISE window.

**Figure 3-1 Task Navigator Menu**



## Bringing Up and Using a Task Navigator

Each option on the Task Navigator menu brings up a pop-up dialog that shows a list of tasks arranged along a line. The tasks are arranged in the order in which they should be performed, from left to right.

**To bring up and use a task navigator, complete the following steps:**

- 
- Step 1** Right-click the **Task Navigator** menu, and choose one of the following options from the drop-down menu:
- Setup—Perform the first part of the Cisco ISE setup process.
  - Profiling—Profile endpoints.
  - Basic User Authorization—Establish basic user authorization.
  - Client Provisioning and Posture—Configure client provisioning and posture.
  - Basic Guest Authorization—Establish basic guest authorization.
  - Advanced User Authorization—Establish user authorization, along with client provisioning and posture.
  - Advanced Guest Authorization—Establish guest authorization, along with client provisioning and posture.

The Task Navigator you selected appears at the top of the window.

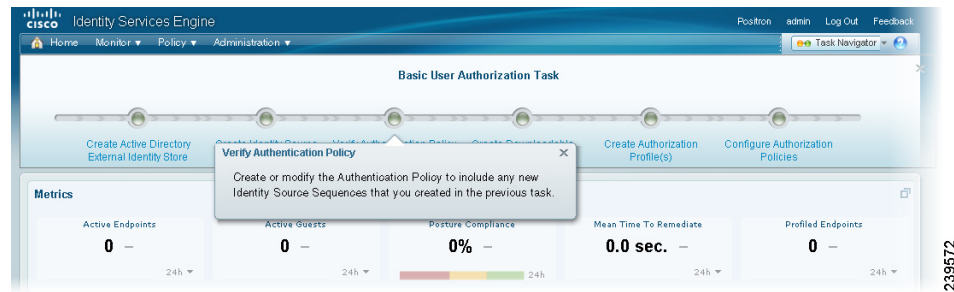
- Step 2** Complete the tasks in the order in which they appear, starting from the left and moving to the right.



**Note** Task Navigators do not retain information about the tasks you have completed. It is a visual guide that takes you directly to the user interface screens where you perform its related tasks.

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- Step 3** To display information about the tasks, hover your cursor over the task bullet. A quick view dialog appears.



- Step 4** To begin a task, click the radio button icon. The page changes, taking you directly to the place where you can begin the task.
- Step 5** After completing the last task on the navigation path, click the X icon in the upper right-hand corner to close the dialog.

### Next Steps

See the other sections in this chapter for information on each of the Task Navigator options.

## Setup

Table 3-1 lists the initial tasks you perform to setup your Cisco ISE network. Links to detailed information about the tasks are provided for your convenience.

**Table 3-1 Setup Task Map**

| Task                              | Description                                                                                                                                         | User Interface Navigation Path                                         | Documentation Link                                                                                |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 1. Administrators password policy | Verify the password policy for Cisco ISE administrators to make sure it is in accordance with your company security policy.                         | Administration > System > Admin Access > Settings > Password Policy    | <a href="#">Configuring a Password Policy for Administrator Accounts, page 4-56</a>               |
| 2. Network access password policy | Verify the password policy for internal users who are requesting network access to make sure it is in accordance with your company security policy. | Administration > Identity Management > Settings > User Password Policy | <a href="#">Configuring a User Password Policy for the Network Access User Account, page 4-59</a> |
| 3. Guest access password policy   | Verify the password policy for internal users who are requesting network access to make sure it is in accordance with your company security policy. | Administration > Guest Management > Settings > Guest > Password Policy | <a href="#">Configuring Guest Password Policy, page 20-54</a>                                     |
| 4. Licensing                      | Verify that you have the correct licensing for the products you purchased.                                                                          | Administration > System > Licensing > Current Licenses                 | <a href="#">Adding and Upgrading Licenses, page 11-3</a>                                          |

**Table 3-1**      **Setup Task Map (continued)**

| Task                                                     | Description                                                                                                                                | User Interface Navigation Path                                                                  | Documentation Link                                                             |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 5. Time                                                  | Configure and verify the system time, date, and NTP settings.                                                                              | Administration > System > Settings > System Time                                                | <a href="#">System Time and NTP Server Settings, page 8-2</a>                  |
| 6. Proxy                                                 | Configure the appropriate proxy server settings so that the Cisco ISE node can communicate externally for updates.                         | Administration > System > Settings > Proxy                                                      | <a href="#">Specifying Proxy Settings in Cisco ISE, page 18-24</a>             |
| 7. Certificate signing request                           | Create a certificate signing request (CSR).                                                                                                | Administration > System > Certificates > Local Certificates                                     | <a href="#">Generating a Certificate Signing Request, page 12-8</a>            |
| 8. Export certificate signing request                    | Export the CSR to be submitted to the appropriate Certificate Authority (CA) for your company.                                             | Administration > System > Certificates > Certificate Signing Requests                           | <a href="#">Viewing and Exporting Certificate Signing Requests, page 12-16</a> |
| 9. Certificate authority certificates                    | Import the necessary CA certificates to establish trusts for internode communication, Cisco ISE administration, and client authentication. | Administration > System > Certificates > Certificate Authority Certificates                     | <a href="#">Adding a Certificate Authority Certificate, page 12-20</a>         |
| 10. Monitoring and troubleshooting email settings        | Configure the correct SMTP server so that alarms can be sent to the appropriate operations team.                                           | Administration > System > Settings > Monitoring > Email Settings                                | <a href="#">Configuring Email Settings, page 8-3</a>                           |
| 11. Monitoring and troubleshooting system alarm settings | Configure the necessary alarms settings so that they meet your operational requirements.                                                   | Administration > System > Settings > Monitoring > System Alarm Settings                         | <a href="#">Configuring System Alarm Settings, page 8-4</a>                    |
| 12. System logging settings                              | Configure logging functions, to ensure proper event management operations for your environment.                                            | Administration > System > Logging > Local Log Settings                                          | <a href="#">Chapter 13, “Logging.”</a>                                         |
| 13. Scheduled backup                                     | Configure an automated backup schedule that is based on your data recovery policy.                                                         | Administration > System > Operations > Data Management > Administration Node > Scheduled Backup | <a href="#">Scheduling a Backup, page 14-7</a>                                 |

**Table 3-1** Setup Task Map (continued)

| Task                       | Description                                                                                             | User Interface Navigation Path       | Documentation Link                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14. Distributed deployment | Verify the proper number, type, and synchronization status of the Cisco ISE nodes in your installation. | Administration > System > Deployment | <ul style="list-style-type: none"> <li>To configure nodes in your deployment, see the following: <ul style="list-style-type: none"> <li><a href="#">Configuring a Cisco ISE Node, page 9-7</a></li> <li><a href="#">Registering and Configuring a Secondary Node, page 9-13</a></li> </ul> </li> <li>To verify the synchronization status of the nodes in your deployment, see <a href="#">Synchronizing Primary and Secondary Nodes in a Distributed Environment, page 14-12</a>.</li> </ul> |

## Profiling

[Table 3-2](#) lists the tasks you perform to establish profiling for endpoints. Links to detailed information about the tasks are provided for your convenience.

**Table 3-2** Task Navigator: Profiling

| Task                                     | Description                                                                                                                                     | User Interface Navigation Path                                                                 | Documentation Link                                                |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| 1. Node sensor configuration             | Review each of the Cisco ISE nodes in your deployment and verify that the profiling sensor probes for all of the nodes are configured properly. | Administration > System > Deployment > [Choose a Node] > Edit > Profiling Configuration        | <a href="#">Configuring the Probes, page 17-11</a>                |
| 2. Verify/Create profiler conditions     | Verify or create new profiler conditions for your profiling requirements.                                                                       | Policy > Policy Elements > Conditions > Profiling > Conditions                                 | <a href="#">Creating a Profiler Condition, page 17-43</a>         |
| 3. Verify/Create profiler policy         | Verify or create profiler policies using the profiler conditions.                                                                               | Policy > Profiling > Profiling Policies > Endpoint Policies                                    | <a href="#">Creating an Endpoint Profiling Policy, page 17-34</a> |
| 4. Create Downloadable ACLs <sup>1</sup> | Create appropriate downloadable ACLs for security enforcement.                                                                                  | Policy > Policy Elements > Results > Authorization > Downloadable ACLs > DACL Management > Add | <a href="#">Configuring DACLs, page 16-32</a>                     |

**Table 3-2 Task Navigator: Profiling (continued)**

| Task                                                 | Description                                                                                                           | User Interface Navigation Path                                                                                      | Documentation Link                                                                                        |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 5. Create authorization profiles                     | Create authorization profiles that are based on the types of privileges used for your deployment and security policy. | Policy > Policy Elements > Results > Authorization > Authorization Profiles > Standard Authorization Profiles > Add | <a href="#">Creating and Configuring Permissions for a New Standard Authorization Profile, page 16-27</a> |
| 6. Create authorization rules for profiled endpoints | Create authorization rules for profiled endpoints that are pertinent to your environment.                             | Policy > Authorization > Standard                                                                                   | <a href="#">Understanding Authorization Policies, page 16-1</a>                                           |

- Downloadable Access Control Lists (ACLs)

## Basic User Authorization

The process for setting up basic user authorization involves the use of multiple screens in the user interface. [Table 3-3](#) lists the tasks you perform. Links to detailed information about the tasks are provided for your convenience.

**Table 3-3 Task Navigator: Basic User Authorization**

| Task                                               | Description                                                                                                                                                                                                | User Interface Navigation Path                                                      | Documentation Link                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Create Active Directory External Identity Store | If you use Active Directory as a source of authentication credentials, join the Cisco ISE node to the domain and configure the appropriate attributes and groups, according to your access control policy. | Administration > Identity Management > External Identity Sources > Active Directory | <a href="#">Integrating ISE with Active Directory, page 5-6</a>                                                                                                                                                                                                                                    |
| 2. Create Identity Source Sequences                | Create identity source sequences that are based on the external identity stores you created in the previous task.                                                                                          | Administration > Identity Management > Identity Source Sequences                    | <a href="#">Creating Identity Source Sequences, page 5-49</a>                                                                                                                                                                                                                                      |
| 3. Verify Authentication Policy                    | Create or modify the authentication policy to include any new identity source sequences that were created in Task 2.                                                                                       | Policy > Authentication                                                             | <ul style="list-style-type: none"> <li>For simple authentication policy, see <a href="#">Configuring the Simple Authentication Policy, page 15-25</a>.</li> <li>For rule-based authentication policy, see <a href="#">Configuring the Rule-Based Authentication Policy, page 15-28</a>.</li> </ul> |
| 4. Create Downloadable ACLs                        | Create the appropriate downloadable ACLs for security enforcement, as necessary.                                                                                                                           | Policy Elements > Results > Authorization > Downloadable ACLs                       | <a href="#">Creating and Configuring Permissions for a New DACL, page 16-32</a>                                                                                                                                                                                                                    |

**Table 3-3 Task Navigator: Basic User Authorization (continued)**

| Task                               | Description                                                                                                                    | User Interface Navigation Path                                                                                | Documentation Link                                                                                        |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 5. Create Authorization Profile(s) | Create authorization profiles that are based on the types of privileges that are used for your deployment and security policy. | Policy > Policy Elements > Results > Authorization > Authorization Profiles > Standard Authorization Profiles | <a href="#">Creating and Configuring Permissions for a New Standard Authorization Profile, page 16-27</a> |
| 6. Create Authorization Policy     | Create an authorization policy to grant the appropriate access privileges for your implementation.                             | Policy > Authorization                                                                                        | <a href="#">Creating a New Authorization Policy, page 16-13</a>                                           |

## Client Provisioning and Posture

Table 3-4 lists the tasks you perform to establish client provisioning and posture. After login and successful posture, you may also have to perform additional tasks in posture on Acceptable Use Policy and Reassessments, which are not part of this flow. Links to detailed information about the tasks are provided for your convenience.

**Table 3-4 Task Navigator: Client Provisioning and Posture**

| Task                                                                       | Description                                                                                                                                                                                   | User Interface Navigation Path                                             | Documentation Link                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Configure Posture updates URL                                           | Initial compliance module download (posture updates) takes 15 to 20 minutes for the first time.                                                                                               | Administration > System > Settings > Posture > Updates                     | For posture updates through web and offline, see <a href="#">Posture Updates, page 19-22</a> .                                                                                                                                                                                                        |
| 2. Configure client provisioning settings                                  | Configure the client provisioning update feed URL.                                                                                                                                            | Administration > System > Settings > Client Provisioning                   | <a href="#">Setting Up Global Client Provisioning Functions, page 18-24</a>                                                                                                                                                                                                                           |
| 3. Manual client provisioning resources download and create agent profiles | Download client provisioning resources which you can add from local and remote resources.<br><br>Create client provisioning agent profiles which you can add from local and remote resources. | Policy > Policy Elements > Results > Client Provisioning > Resources > Add | <ul style="list-style-type: none"> <li>For downloading client provisioning resources, see <a href="#">Adding Client Provisioning Resources to Cisco ISE, page 18-4</a>.</li> <li>For creating client provisioning agent profiles, see <a href="#">Creating Agent Profiles, page 18-10</a>.</li> </ul> |
| 4. Create client provisioning policy                                       | Create client provisioning policies that are based on identity groups and operating systems.                                                                                                  | Policy > Client Provisioning                                               | <a href="#">Configuring Client Provisioning Resource Policies, page 18-27</a>                                                                                                                                                                                                                         |

**Table 3-4** Task Navigator: Client Provisioning and Posture (continued)

| Task                                         | Description                                                                                                                                                                                                                                                                                                                   | User Interface Navigation Path                                     | Documentation Link                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5. Verify/create posture conditions          | <p>Verify that the compliance module update (posture updates) is fully downloaded and installed where predefined simple conditions are downloaded to Cisco ISE.</p> <p>Create simple conditions for posture as needed.</p>                                                                                                    | Policy > Policy Elements > Conditions > Posture                    | <p>To create the posture simple conditions, see the following:</p> <ul style="list-style-type: none"> <li>• <a href="#">File Condition, page 19-41</a></li> <li>• <a href="#">Registry Condition, page 19-52</a></li> <li>• <a href="#">Application Condition, page 19-64</a></li> <li>• <a href="#">Service Condition, page 19-70</a></li> </ul> |
| 6. Verify/create posture compound conditions | <p>Verify that the compliance module update (posture updates) is fully downloaded and installed where predefined compound conditions and antivirus and antispyware support chart updates are downloaded to Cisco ISE.</p> <p>Create posture compound conditions using posture simple conditions that are already created.</p> | Policy > Policy Elements > Conditions > Posture                    | <p>To create posture compound conditions, see the following:</p> <ul style="list-style-type: none"> <li>• <a href="#">Compound Condition, page 19-75</a></li> <li>• <a href="#">Antivirus Compound Condition, page 19-83</a></li> <li>• <a href="#">Antispyware Compound Condition, page 19-89</a></li> </ul>                                     |
| 7. Create remediation actions                | Create remediation actions, which are listed in alphabetical order.                                                                                                                                                                                                                                                           | Policy > Policy Elements > Results > Posture > Remediation Actions | To create remediation actions, see <a href="#">Configuring Custom Posture Remediation Actions, page 19-108</a> .                                                                                                                                                                                                                                  |
| 8. Verify/Create posture requirements        | Create posture requirements using posture simple conditions, or compound conditions.                                                                                                                                                                                                                                          | Policy > Policy Elements > Results > Posture > Requirements        | <a href="#">Client Posture Assessment Requirements, page 19-144</a>                                                                                                                                                                                                                                                                               |
| 9. Verify/Create posture policy              | Create posture policies using posture requirements.                                                                                                                                                                                                                                                                           | Policy > Posture                                                   | <a href="#">Client Posture Assessment Policies, page 19-33</a>                                                                                                                                                                                                                                                                                    |



# Basic Guest Authorization

Table 3-5 lists the tasks you perform to establish basic authorization for guests. Links to detailed information about the tasks are provided for your convenience.

**Table 3-5 Task Navigator: Basic Guest Authorization**

| Task                                                  | Description                                                                                                                                                                                                                                                                                                                                                                                                            | User Interface Navigation Path                                                      | Documentation Link                                              |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| 1. Create Active Directory External Identity Store    | If you use Active Directory as a source of authentication credentials, join the Cisco ISE node to the domain and configure the appropriate attributes and groups according to your access control policy.<br><br>In this task, the Active Directory configuration permits employees to use the Guest portal to achieve network access in situations where their endpoint is not working properly, or is not supported. | Administration > Identity Management > External Identity Sources > Active Directory | <a href="#">Integrating ISE with Active Directory, page 5-6</a> |
| 2. Create Identity Source Sequences                   | Create identity source sequences that are based on the external identity stores you created in the previous task, as necessary.                                                                                                                                                                                                                                                                                        | Administration > Identity Management > Identity Source Sequences                    | <a href="#">Creating Identity Source Sequences, page 5-49</a>   |
| 3. Configure guest settings                           | Configure guest settings, as per guest requirements.                                                                                                                                                                                                                                                                                                                                                                   | Administration > Guest Management > Settings > Guest > Multi-portal Configuration   | <a href="#">MultiPortal Configurations, page 20-35</a>          |
| 4. Configure for self-service guest settings          | Configure self-service guest settings, if “allow for self-service” is selected in the Task 3 configuration.                                                                                                                                                                                                                                                                                                            | Administration > Guest Management > Settings > Guest > Portal policy                | <a href="#">Configuring Guest Portal Policy, page 20-53</a>     |
| 5. Create time profile                                | Create a guest time profile.                                                                                                                                                                                                                                                                                                                                                                                           | Administration > Guest Management > Settings > Guest > Time profiles                | <a href="#">Time Profiles, page 20-55</a>                       |
| 6. Configure sponsor authentication identity sequence | Provide a sponsor authentication source.                                                                                                                                                                                                                                                                                                                                                                               | Administration > Guest Management > Settings > Sponsor > Authentication source      | <a href="#">Authentication Source, page 20-23</a>               |
| 7. Create guest sponsor group                         | Create a guest sponsor group for sponsor login.                                                                                                                                                                                                                                                                                                                                                                        | Administration > Guest Management > Sponsor Groups                                  | <a href="#">Sponsor Groups, page 20-16</a>                      |
| 8. Create sponsor policy                              | Create a guest sponsor login policy.                                                                                                                                                                                                                                                                                                                                                                                   | Administration > Guest Management > Sponsor Group Policy                            | <a href="#">Sponsor Group Policy, page 20-12</a>                |

# Advanced User Authorization

Table 3-6 lists the tasks you perform for more advanced authorization for users. Links to detailed information about the tasks are provided for your convenience.

**Table 3-6 Task Navigator: Advanced User Authorization**

| Task                                               | Description                                                                                                                                                                                                                                                                                     | User Interface Navigation Path                                                      | Documentation Link                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Create Active Directory external identity store | If you use Active Directory as a source of authentication credentials, join the Cisco ISE node to the domain and configure the appropriate attributes and groups, according to your access control policy.<br><br>Internal guest users do not require an Active Directory Identity Store setup. | Administration > Identity Management > External Identity Sources > Active Directory | <a href="#">Integrating ISE with Active Directory, page 5-6</a>                                                                                                                                                                                                                                       |
| 2. Create identity source sequences                | Create identity source sequences that are based on the external identity stores you created in the previous task, as necessary.                                                                                                                                                                 | Administration > Identity Management > Identity Source Sequences                    | <a href="#">Creating Identity Source Sequences, page 5-49</a>                                                                                                                                                                                                                                         |
| 3. Verify authentication policy                    | Create or modify the authentication policy to include any new identity source sequences that you created in the previous task.                                                                                                                                                                  | Policy > Authentication                                                             | <ul style="list-style-type: none"> <li>For simple authentication policy, see <a href="#">Configuring the Simple Authentication Policy, page 15-25</a>.</li> <li>For rule-based authentication policy, see <a href="#">Configuring the Rule-Based Authentication Policy, page 15-28</a>.</li> </ul>    |
| 4. Configure Posture Updates URL                   | Initial compliance module download (posture updates) takes 15 to 20 minutes for the first time.                                                                                                                                                                                                 | Administration > System > Settings > Posture > Updates                              | For posture updates through web and offline, see <a href="#">Posture Updates, page 19-22</a> .                                                                                                                                                                                                        |
| 5. Configure client provisioning settings          | Configure the client provisioning update feed URL.                                                                                                                                                                                                                                              | Administration > System > Settings > Client Provisioning                            | <a href="#">Setting Up Global Client Provisioning Functions, page 18-24</a>                                                                                                                                                                                                                           |
| 6. Manual client provisioning resources            | Download client provisioning resources which you can add from local and remote resources.<br><br>Create client provisioning agent profiles which you can add from local and remote resources.                                                                                                   | Policy > Policy Elements > Results > Client Provisioning > Resources > Add          | <ul style="list-style-type: none"> <li>For downloading client provisioning resources, see <a href="#">Adding Client Provisioning Resources to Cisco ISE, page 18-4</a>.</li> <li>For creating client provisioning agent profiles, see <a href="#">Creating Agent Profiles, page 18-10</a>.</li> </ul> |

**Table 3-6 Task Navigator: Advanced User Authorization (continued)**

| Task                                         | Description                                                                                                                                                                                                                                                                                                            | User Interface Navigation Path                                     | Documentation Link                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7. Create client provisioning policy         | Create client provisioning policies that are based on identity groups and operating systems.                                                                                                                                                                                                                           | Policy > Client Provisioning                                       | <a href="#">Configuring Client Provisioning Resource Policies, page 18-27</a>                                                                                                                                                                                                                                                          |
| 8. Verify/create posture conditions          | Verify that the compliance module update (posture updates) is fully downloaded and installed where predefined simple conditions are downloaded to Cisco ISE.<br><br>Create simple conditions for posture as needed.                                                                                                    | Policy > Policy Elements > Conditions > Posture                    | To create posture simple conditions, see the following: <ul style="list-style-type: none"> <li>• <a href="#">File Condition, page 19-41</a></li> <li>• <a href="#">Registry Condition, page 19-52</a></li> <li>• <a href="#">Application Condition, page 19-64</a></li> <li>• <a href="#">Service Condition, page 19-70</a></li> </ul> |
| 9. Verify/create posture compound conditions | Verify that the compliance module update (posture updates) is fully downloaded and installed where predefined compound conditions and antivirus and antispyware support chart updates are downloaded to Cisco ISE.<br><br>Create posture compound conditions using posture simple conditions that are already created. | Policy > Policy Elements > Conditions > Posture                    | To create posture compound conditions, see the following: <ul style="list-style-type: none"> <li>• <a href="#">Compound Condition, page 19-75</a></li> <li>• <a href="#">Antivirus Compound Condition, page 19-83</a></li> <li>• <a href="#">Antispyware Compound Condition, page 19-89</a></li> </ul>                                 |
| 10. Create Remediation actions               | Create remediation actions, which are listed in alphabetical order.                                                                                                                                                                                                                                                    | Policy > Policy Elements > Results > Posture > Remediation Actions | To create remediation actions, see <a href="#">Configuring Custom Posture Remediation Actions, page 19-108</a> .                                                                                                                                                                                                                       |
| 11. Verify/create posture requirements       | Create posture requirements using posture simple conditions, or compound conditions.                                                                                                                                                                                                                                   | Policy > Policy Elements > Results > Posture > Requirements        | <a href="#">Client Posture Assessment Requirements, page 19-144</a>                                                                                                                                                                                                                                                                    |
| 12. Verify/create posture policy             | Create posture policies using posture requirements.                                                                                                                                                                                                                                                                    | Policy > Posture                                                   | <a href="#">Client Posture Assessment Policies, page 19-33</a>                                                                                                                                                                                                                                                                         |
| 13. Create downloadable ACLs                 | Create the appropriate downloadable ACLs for enforced security, as necessary.                                                                                                                                                                                                                                          | Policy Elements > Results > Authorization > Downloadable ACLs      | <a href="#">Creating and Configuring Permissions for a New DACL, page 16-32</a>                                                                                                                                                                                                                                                        |

**Table 3-6 Task Navigator: Advanced User Authorization (continued)**

| Task                              | Description                                                                                                                                                                                                                                    | User Interface Navigation Path                                                                                | Documentation Link                                                                                        |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 14. Create authorization profiles | Create authorization profiles that are based on the types of privileges that apply to your deployment and security policy.                                                                                                                     | Policy > Policy Elements > Results > Authorization > Authorization Profiles > Standard Authorization Profiles | <a href="#">Creating and Configuring Permissions for a New Standard Authorization Profile, page 16-27</a> |
| 15. Authorization policies        | Create an authorization policy to grant the appropriate access privileges. Choose the conditions and/or attributes in each rule to define an overall network access policy.<br><br>Create pre-posture and post-posture authorization policies. | Policy > Authorization                                                                                        | <a href="#">Creating a New Authorization Policy, page 16-13</a>                                           |

## Advanced Guest Authorization

[Table 3-7](#) lists the tasks you perform for more advanced authorization for guests. Links to detailed information about the tasks are provided for your convenience.

**Table 3-7 Task Navigator: Advanced Guest Authorization**

| Task                                               | Description                                                                                                                                                                                                | User Interface Navigation Path                                                      | Documentation Link                                              |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| 1. Create Active Directory external identity store | If you use Active Directory as a source of authentication credentials, join the Cisco ISE node to the domain and configure the appropriate attributes and groups, according to your access control policy. | Administration > Identity Management > External Identity Sources > Active Directory | <a href="#">Integrating ISE with Active Directory, page 5-6</a> |
| 2. Create identity source sequences                | Create identity source sequences that are based on the external identity stores you created in Task 1, as per requirements.                                                                                | Administration > Identity Management > Identity Source Sequences                    | <a href="#">Creating Identity Source Sequences, page 5-49</a>   |
| 3. Configure guest settings                        | Configure guest settings, as per guest requirements.                                                                                                                                                       | Administration > Guest Management > Settings > Guest > Multi-portal Configuration   | <a href="#">MultiPortal Configurations, page 20-35</a>          |
| 4. Configure for self-service guest settings       | Configure self-service guest settings if “allow for self-service” was selected in Task 3.                                                                                                                  | Administration > Guest Management > Settings > Guest > Portal policy                | <a href="#">Configuring Guest Portal Policy, page 20-53</a>     |

**Table 3-7 Task Navigator: Advanced Guest Authorization (continued)**

| Task                                                  | Description                                                                                                                                                                                   | User Interface Navigation Path                                                 | Documentation Link                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5. Create time profile                                | Create a guest time profile.                                                                                                                                                                  | Administration > Guest Management > Settings > Guest > Time profiles           | <a href="#">Time Profiles, page 20-55</a>                                                                                                                                                                                                                                                             |
| 6. Configure sponsor authentication identity sequence | Provide a sponsor authentication source.                                                                                                                                                      | Administration > Guest Management > Settings > Sponsor > Authentication source | <a href="#">Authentication Source, page 20-23</a>                                                                                                                                                                                                                                                     |
| 7. Create guest sponsor group                         | Create a guest sponsor group for sponsor login.                                                                                                                                               | Administration > Guest Management > Sponsor Groups                             | <a href="#">Sponsor Groups, page 20-16</a>                                                                                                                                                                                                                                                            |
| 8. Create sponsor policy                              | Create a guest sponsor login policy.                                                                                                                                                          | Administration > Guest Management > Sponsor group policy                       | <a href="#">Sponsor Group Policy, page 20-12</a>                                                                                                                                                                                                                                                      |
| 9. Verify authentication policy                       | Create or modify the authentication policy to include any new identity source sequences that you created in the Task 8.                                                                       | Policy > Authentication                                                        | <ul style="list-style-type: none"> <li>For simple authentication policy, see <a href="#">Configuring the Simple Authentication Policy, page 15-25</a>.</li> <li>For rule-based authentication policy, see <a href="#">Configuring the Rule-Based Authentication Policy, page 15-28</a>.</li> </ul>    |
| 10. Configure Posture Updates URL                     | Initial compliance module download (posture updates) takes 15 to 20 minutes for the first time.                                                                                               | Administration > System > Settings > Posture > Updates                         | For posture updates through web and offline, see <a href="#">Posture Updates, page 19-22</a> .                                                                                                                                                                                                        |
| 11. Configure client provisioning settings            | Configure the client provisioning update feed URL.                                                                                                                                            | Administration > System > Settings > Client Provisioning                       | <a href="#">Setting Up Global Client Provisioning Functions, page 18-24</a>                                                                                                                                                                                                                           |
| 12. Manual client provisioning resources              | Download client provisioning resources which you can add from local and remote resources.<br><br>Create client provisioning agent profiles which you can add from local and remote resources. | Policy > Policy Elements> Results > Client Provisioning > Resources > Add      | <ul style="list-style-type: none"> <li>For downloading client provisioning resources, see <a href="#">Adding Client Provisioning Resources to Cisco ISE, page 18-4</a>.</li> <li>For creating client provisioning agent profiles, see <a href="#">Creating Agent Profiles, page 18-10</a>.</li> </ul> |
| 13. Create client provisioning policy                 | Create client provisioning policies that are based on identity groups and operating systems.                                                                                                  | Policy > Client Provisioning                                                   | <a href="#">Configuring Client Provisioning Resource Policies, page 18-27</a>                                                                                                                                                                                                                         |

**Table 3-7** Task Navigator: Advanced Guest Authorization (continued)

| Task                                          | Description                                                                                                                                                                                                                                                                                                            | User Interface Navigation Path                                                                                | Documentation Link                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14. Verify/create posture conditions          | Verify that the compliance module update (posture updates) is fully downloaded and installed where predefined simple conditions are downloaded to Cisco ISE.<br><br>Create simple conditions for posture as needed.                                                                                                    | Policy > Policy Elements > Conditions > Posture                                                               | To create posture simple conditions, see the following: <ul style="list-style-type: none"> <li>• <a href="#">File Condition, page 19-41</a></li> <li>• <a href="#">Registry Condition, page 19-52</a></li> <li>• <a href="#">Application Condition, page 19-64</a></li> <li>• <a href="#">Service Condition, page 19-70</a></li> </ul> |
| 15. Verify/create posture compound conditions | Verify that the compliance module update (posture updates) is fully downloaded and installed where predefined compound conditions and antivirus and antispyware support chart updates are downloaded to Cisco ISE.<br><br>Create posture compound conditions using posture simple conditions that are already created. | Policy > Policy Elements > Conditions > Posture                                                               | To create posture compound conditions, see the following: <ul style="list-style-type: none"> <li>• <a href="#">Compound Condition, page 19-75</a></li> <li>• <a href="#">Antivirus Compound Condition, page 19-83</a></li> <li>• <a href="#">Antispyware Compound Condition, page 19-89</a></li> </ul>                                 |
| 16. Create remediation actions                | Create remediation actions, which are listed in alphabetical order.                                                                                                                                                                                                                                                    | Policy > Policy Elements > Results > Posture > Remediation Actions                                            | To create remediation actions, see <a href="#">Configuring Custom Posture Remediation Actions, page 19-108</a> .                                                                                                                                                                                                                       |
| 17. Verify/create posture requirements        | Create posture requirements using posture simple conditions, or compound conditions.                                                                                                                                                                                                                                   | Policy > Policy Elements > Results > Posture > Requirements                                                   | <a href="#">Client Posture Assessment Requirements, page 19-144</a>                                                                                                                                                                                                                                                                    |
| 18. Verify/create posture policy              | Create posture policies using posture requirements.                                                                                                                                                                                                                                                                    | Policy > Posture                                                                                              | <a href="#">Client Posture Assessment Policies, page 19-33</a>                                                                                                                                                                                                                                                                         |
| 19. Create downloadable ACLs                  | Create the appropriate downloadable ACLs, as needed for enforced security.                                                                                                                                                                                                                                             | Policy Elements > Results > Authorization > Downloadable ACLs                                                 | <a href="#">Creating and Configuring Permissions for a New DACL, page 16-32</a>                                                                                                                                                                                                                                                        |
| 20. Create authorization profiles             | Create authorization profiles that are based on the types of privileges that apply to your deployment and security policy.                                                                                                                                                                                             | Policy > Policy Elements > Results > Authorization > Authorization Profiles > Standard Authorization Profiles | <a href="#">Creating and Configuring Permissions for a New Standard Authorization Profile, page 16-27</a>                                                                                                                                                                                                                              |

**Table 3-7**      **Task Navigator: Advanced Guest Authorization (continued)**

| Task                       | Description                                                                                                                                                                                                                                     | User Interface Navigation Path | Documentation Link                                              |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------|
| 21. Authorization policies | Create an authorization policy to grant the appropriate access privileges. Choose the conditions and/or attributes in each rule to define the overall network access policy.<br><br>Create pre-posture and post-posture authorization policies. | Policy > Authorization         | <a href="#">Creating a New Authorization Policy, page 16-13</a> |

