



Single Sign-On Status API

- [Single Sign-On Status API, on page 1](#)

Single Sign-On Status API

Use the Single Sign-On (SSO) Registration API to get the current status of registering components with the Cisco Identity Service (IdS) and setting SSO state on the SSO-compatible components. These components include AW, Finesse, and Unified Intelligence Center machines.

URL

```
https://<server>/unifiedconfig/config/sso/status
```

Operations

- **get** component status: Returns the status of registering a specific component with the Cisco IdS and setting SSO state, using the URL `https://<server>/unifiedconfig/config/sso/status/<id>`. The `<id>` is the `machine_id` of the component.
- **list**: Retrieves a list with the overall and individual component statuses of registering SSO-compatible components with the Cisco Identity Service and setting SSO state, using the URL `https://<server>/unifiedconfig/config/sso/status`.

Parameters

- `globalSsoState`: The current SSO state as set in the AW database. The values are `NON_SSO` (SSO is disabled for all users), `SSO` (SSO is enabled for all users), and `HYBRID` (mix of enabled and disabled).
- `registrationState`: The overall status of registering components with the Cisco IdS. Values are the following:
 - `SUCCEEDED`: All of the components were successfully registered.
 - `FAILED`: Registration failed on one or more components. Error detail is set on each failed component.
 - `PROCESSING`: Registration started and is not complete.
 - `NOT_STARTED`: Registration has not started.
- `modeState`: The overall status of registering components with the Cisco IdS. Values are the following:

- SUCCEEDED: The SSO state was successfully set on all of the components.
 - FAILED: The SSO state failed to be set on one or more components. Error detail is set on each failed component.
 - PROCESSING: The SSO state change has started and is not complete.
 - NOT_STARTED: The SSO state change has not started.
- idSConfigurationState: Whether the Cisco IdS has been configured and is in service.
 - STATE_NOT_CONFIGURED : The Cisco IdS is not been configured.
 - STATE_IN_SERVICE : The Cisco IdS is configured and is in service.
 - STATE_OUT_OF_SERVICE : The Cisco IdS is configured and is out of service.
 - STATE_PARTIAL_SERVICE: The Cisco IdS is configured and is partially in service.
 - STATE_UNREACHABLE: The Cisco IdS cannot be reached.
- hasIdsCredentials: Whether the Machine Inventory has the necessary IdS credentials to register components (see [Machine Inventory API](#). Values are true or false. The default is false.
 - idsBaseUrl: The base URL for accessing the Identity Service.
 - ssoComponentStatuses: A collection of registration and SSO state status information for all of the individual components. Returned on a list operation.
 - ssoComponentStatus: Registration and SSO state status information for an individual component. Includes the following parameters:
 - registrationState: The status of registering the component with the IdS. See the values for this parameter above.
 - modeState: The status of setting the SSO state for the component. See the values for this parameter above.
 - refURL: The refURL for the component machine. See [Shared Parameters](#).
 - name: The name of the component machine.

Example Get Response

Example URL: `https://<server>/unifiedconfig/config/sso/status/21`

```
<ssoComponentStatus>
  <registrationState>FAILED</registrationState>
  <modeState>NOT_STARTED</modeState>
  <refURL>/unifiedconfig/config/machineinventory/21</refURL>
  <name>FINESSE-A.boston.com</name>
</ssoComponentStatus>
```

Example List Response

```
<ssoStatus>
  <globalSsoState>HYBRID</globalSsoState>
  <registrationState>FAILED</registrationState>
```

```
<modeState>NOT_STARTED</modeState>
<idSConfigurationState>STATE_IN_SERVICE</idSConfigurationState>
<hasIdsCredentials>true</hasIdsCredentials>
<idsBaseUrl>https://<server>:<serverport></idsBaseUrl>
<ssoComponentStatuses>
  <ssoComponentStatus>
    <registrationState>FAILED</registrationState>
    <modeState>NOT_STARTED</modeState>
    <refURL>/unifiedconfig/config/machineinventory/21</refURL>
    <name>FINESSE-A.boston.com</name>
  </ssoComponentStatus>
  <ssoComponentStatus>
    <registrationState>FAILED</registrationState>
    <modeState>NOT_STARTED</modeState>
    <refURL>/unifiedconfig/config/machineinventory/22</refURL>
    <name>FINESSE-B.boston.com</name>
  </ssoComponentStatus>
  <ssoComponentStatus>
    <registrationState>FAILED</registrationState>
    <modeState>NOT_STARTED</modeState>
    <refURL>/unifiedconfig/config/machineinventory/23</refURL>
    <name>CUIC-A.boston.com</name>
  </ssoComponentStatus>
</ssoComponentStatuses>
</ssoStatus>
```

