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>
</ssoStatus>
```
<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>