Status API

The Status API retrieves information about the state of rules that collectively determine if the system is working correctly.

The system periodically checks the state of the rules. To force the status to be updated, refer to the Scan API.

URL

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

Operations

- get: Returns the status rule results, using the URL
  ```
  https://<server>/unifiedconfig/config/status.
  ```

Response Parameters

- name: The name of the status. See the Configuration Rules, on page 2 and Operation Rules, on page 3.

- category: The status category of Configuration or Operation.

- level: The severity of the condition. Values include: OK, ERROR, and BLOCKED. The BLOCKED level indicates that the rule has not been processed yet or that the failure of another rule prevents this rule from running.

- machine: A collection for the machine (Machine Inventory API) including the machine's name, type, and refURL. See References.

Example Get Response

```xml
<results>
    <statuses>
        <status>
            <name>SOCIAL_MINER_MR_ENABLED</name>
            <category>CONFIGURATION</category>
            <level>BLOCKED</level>
            <machines>
```

```
                                <machine>
                                    <refURL>/unifiedconfig/config/
                                    machineinventory/6110</refURL>
                                    <machineType>EXTERNAL_SOCIAL_MINER
                                    </machineType>
                                    <name>Machine_2563_00002</name>
                                </machine>
                            </machines>
                        </status>
                        <status>
                            <name>SERVER_CONNECTION</name>
                            <category>OPERATION</category>
                            <level>OK</level>
                            <machines>
                                <machine>
                                    <refURL>/unifiedconfig/config/
                                     machineinventory/6110</refURL>
                                    <machineType>EXTERNAL_SOCIAL_MINER
                                    </machineType>
                                    <name>Machine_2563_00002</name>
                                </machine>
                            </machines>
                        </status>
                        <status>
                            <name>SERVER_CREDENTIALS</name>
                            <category>OPERATION</category>
                            <level>OK</level>
                            <machines>
                                <machine>
                                    <refURL>/unifiedconfig/config/
                                    machineinventory/6110</refURL>
                                    <machineType>EXTERNAL_SOCIAL_MINER
                                    </machineType>
                                    <name>Machine_2563_00002</name>
                                </machine>
                            </machines>
                        </status>
                    </statuses>
                </results>
```

Configuration Rules

Common Rules for All Machines

These rules show the potential configuration errors and warnings for all machines.

Table 1: Common Rules

Rule	Description
CAN_RESOLVE_ADDRESS_TO_FQDN	Machine address must be resolvable to a fully qualified domain name (FQDN).

Unified CCE AW, Unified Intelligence Center, CUIC-LD-IdS, and Finesse Machines

These rules show the potential configuration errors and warnings for Unified CCE AW, Unified Intelligence Center, CUIC-LD-IdS, and Finesse machines.

Table 2: Unified CCE AW, Unified Intelligence Center, CUIC-LD-IdS, and Finesse Rules

Rule	Description
SSO_COMPONENT_STATUS_MATCHES_GLOBAL	The global SSO status must be the same as component SSO status.
SSO_VALID_IDS_REFERENCE	If single sign-on is enabled, this machine must be associated with a valid Cisco Identity Service.

Table 3: Unified CCE AW Rules

Rule	Description
TASK_ROUTING_APP_PATHS_EXIST	Each Peripheral Gateway with a Communications Manager PIM must have an associated Task Routing Application Path.

SocialMiner Machines

These rules show the potential configuration errors and warnings for SocialMiner machines.

Table 4: SocialMiner Rules

Rule	Description
SOCIAL_MINER_MR_ENABLED	Multichannel routing must be enabled on SocialMiner.

Operation Rules

Common Operation Rules

These rules show the potential operation errors and warnings for the following machines:

- All Unified CCE components
- Unified Intelligence Center
- CUIC-LD-IdS
- Finesse
- Live Data
- Identity Service
- SocialMiner

Table 5: Common Rules

Rule	Description
SERVER_CONNECTION	The Diagnostic Portal, AXL, REST, or SOAP service on this machine must be in service. The status you see varies according to the product type, as follows: • Unified CCE: The Cisco ICM Diagnostic Framework service on the Principal AW must be reachable on the network. • CUIC-LD-IdS: The SOAP service on the Publisher must be reachable on the network. • Finesse: The SOAP service on the Primary Finesse machine must be reachable on the network. • IdS: The REST service on the Primary Identity Server must be reachable on the network • SocialMiner: The service must be reachable on the network.
SERVER_CREDENTIALS	The inventory's credentials for the machine must be valid. The status you see varies according to the product type, as follows: • Unified CCE: The Diagnostic Framework credentials entered for the Principal AW must be valid for all CCE components in the solution. • CUIC-LD-IdS: The Unified Intelligence Center Administration credentials entered for the Publisher must be valid • Finesse: The Finesse Administration credentials entered for the Primary Finesse machine must be valid. • IdS: The Identity Service Administration credentials entered for the Primary Identity Server must be valid • SocialMiner: The service credentials must be valid. **Note** This rule does not apply to a standalone Live Data machine.