

# Cisco Secure Agile Exchange GUI Release Notes, Release 2.2

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**First Published:** 2021-01-15

**Last Modified:** 2021-01-17

## About Cisco SAE GUI

The SAE GUI is installed on NSO. The GUI makes it fast and easy for you to design your services, create service catalogs, and deploy services.

## What's New in SAE GUI 2.2.0

2.2.0 comes with these major features:

- **ACI Support in GUI:** The SAE GUI now supports the ACI interface.
  - You can now add **ACI Interface Type**, under **Global > Settings > SAE Settings**.
  - Under **Site > Add**, if **ACI Fabric** is checked, you will have to add values to the mandatory fields **ACI Controller** and **Router ID Pool**.
  - Depending on the values selected for **ACI Controller** and **Router ID Pool**, values of the **Leaf Switches** on the central pane will be displayed.
  - **Discovery** pop-up will have all the fields except **IP Address** and **Switch Authgroup**
    - When the site will have the **Switch Type** as **aci-switch**, only ACI related fields will be shown on the **Discovery** pop up.
    - OK button will be enabled when all the mandatory fields are added.
    - When you click OK button to discover, **Type** and **APIC-Controller** properties will be added based on the data configured at site infrastructure.
    - When the discovery will be successful/failure, pop up with success/error message will be displayed.
- **Live Image Recovery:** You can now move VNF from Local storage to Gluster Storage by providing edit options for deployment.
  - New menu **Migrate to Gluster** is available on the **Settings** icon under **Site > Selected Tenant > Service Deployment: Gateways, Consumer Half Chains, Provider Half Chains, End to End Chains**
  - The menu will be displayed when the following criteria's are met:
    - While creating the Service Chain Instance, selected service chain should have at least one VNF
    - Gateways/Chains has to be successfully deployed or in **Reached** state

- VNF Config of Virtual Service Instance's used in Service Chain Instance should have a **local** storage
- When you click on the **Migrate to Gluster** menu, Migrate to Gluster form opens in the right pane.
- Choose the Service Chain Instance deployment option from the dropdown.
- Click on **Migrate** button.
- When the action will be successful/failure, pop up with success/failure message will be displayed.



**Note** The version supported by CSP is 2.9.0 and you have to setup Cluster (with GlusterFS) enabled as Day-1. For more information on Configuring Cluster/Day-1 setup, click on the link [Cisco Cloud Service Platform Configuration Guide](#)

- **Support for RESTCONF:** The SAE GUI can now communicate to RESTCONF APIs with NSO.
- **SAE GUI Supports Dynamic Day 0 File Generation:** The SAE GUI now supports Dynamic Day 0 file generation.
  - You can create day0 files for CSR, ASA and PAFW EndPoint-Gateway and Half Chain with single VNF on NSO file system.
  - Generated day0 content will be sent to SAEUI on request for editing/viewing the content.
  - Modified day0 content will be saved on NSO file system.

**Table 1: Other Features in SAE GUI Release 2.2.0**

Feature	Description
Enable/Disable Monitor on VNF	<ul style="list-style-type: none"> <li>• In the plan status graph, when you click on any VNF, it opens a pop up that has <b>Power On/Off</b> icon on the header.                             <ul style="list-style-type: none"> <li>• <b>Green</b> colour indicates <b>Enable</b></li> <li>• <b>Gray</b> colour indicates <b>Disable</b></li> </ul> </li> <li>• <b>Settings</b> menu shows the following options for enable/disable of VNF:                             <ul style="list-style-type: none"> <li>• Enable Monitor on ESC</li> <li>• Disable Monitor on ESC</li> </ul> </li> </ul>
Power On/Off for VNF	<p>This feature has been added to monitor VNF on GUI.</p> <ul style="list-style-type: none"> <li>• In the plan status graph, when you click on any VNF, a pop up will open. On the pop up window <b>Power On/Off</b> icon is added on the header.</li> </ul>

Feature	Description
Bulk Import/Export of Connections	<p>This feature allows you to import and export in bulk the <b>Connections</b> configurations in XML and JSON format using the import and export button.</p> <ul style="list-style-type: none"> <li>• Under <b>Site &gt; Selected Tenant &gt; Service Deployment</b>: Connections.</li> </ul>
Bulk Import/Export of Endpoints	<p>This feature lets you import/export endpoints as XML and JSON files to create a backup of your endpoints.</p> <ul style="list-style-type: none"> <li>• <b>Import Endpoints</b>: The functionality to import configurations in bulk is available using the Import Endpoint button under <b>Site &gt; Selected Tenant &gt; Service Deployment</b></li> <li>• <b>Export Endpoints</b>: The functionality to export configurations in bulk is available using the Export Endpoint button.</li> <li>• Under <b>Site &gt; Selected Tenant &gt; Service Deployment</b>: Import Endpoints, Export Endpoints</li> </ul>
Service Chain Enhanced for NSD Group	<p>This feature allows you to create or select the Service Chain group name on the Add/Edit/CopyEdit Service Chain screen.</p> <ul style="list-style-type: none"> <li>• New Service Chain that you create will be added to the <b>Default Service Chain</b> group.</li> <li>• Card view displayed will be according to the groups you have defined.</li> </ul>
Chain Creation and Card View Enhanced for Service Chain Instance	<p>The Service Chain Instance has been enhanced with</p> <ul style="list-style-type: none"> <li>• Text box <b>Service Chain Instance Name</b> to filter the chains based on the values entered during chain creation in right pane.</li> <li>• Under <b>Site &gt; Selected Tenant &gt; Service Deployment</b>: Gateways, Consumer Half Chains, Provider Half Chains, End to End Chains</li> <li>• <b>Card View</b> of the <b>Service Chain Instance</b> will be displayed according to the grouped <b>Service Chain</b> name under each <b>Catalog</b>.</li> </ul>

Feature	Description
NSO Information Enhanced	<p>This feature provides the option to view the license summary on the NSO Info pop up. On the homepage, when you click on the username dropdown and choose NSO Info option, <b>NSO Information</b> pop up opens which displays three tabs <b>HA Info, License Summary</b> and <b>Packages</b>.</p> <ul style="list-style-type: none"> <li>• By default, the <b>HA Info</b> tab will be selected, which displays the NSO and HA Info.</li> <li>• The second tab <b>License Summary</b> will display the license summary in read-only format.</li> <li>• The <b>Package</b> tab will display the list of packages loaded on the NSO Server along with the version and status. <ul style="list-style-type: none"> <li>• On the <b>UP</b> column the green check mark will indicate the package is running.</li> <li>• Three dashes will indicate the failed status of the package .</li> </ul> </li> </ul>
All Edit Screens Enhanced with Export button	<p><b>Export</b> button is now available on all Edit screens on the GUI. The following screen has been enhanced:</p> <ul style="list-style-type: none"> <li>• Under <b>Service Design</b>: Virtual Service, Service Chain, Physical Service</li> <li>• Under <b>Service Catalog</b>: Catalog, Virtual Service Instance, Service Chain Instance, Physical Service Instance, Server Profile and Organization</li> <li>• Under <b>Global</b>: IP Address Pool, ID Pool</li> </ul>
List View of Virtual Service Instance and Physical Service Instance Enhanced	<p>The list view has been enhanced by combining the two tabs of <b>Virtual Service Instance</b> i.e. (Virtual Service Instance and Virtual Service Config) <b>and Physical Service Instance</b> i.e. (Physical Service Instance and Physical Service Config) into single detailed tab.</p> <ul style="list-style-type: none"> <li>• By default, the <b>Settings</b> column has been hidden. To view, click the <b>Select Columns</b> dropdown and check the <b>Type-Settings</b> checkbox.</li> <li>• Columns added for <b>Physical Service Instance</b> are as follows: Name, Physical Service, Physical Config, Mode and Day-1.</li> </ul>

Feature	Description
Virtual Service Instance Support Two File Import	<p>This feature has been enhanced to support import of two files.</p> <p>You can import export both the files i.e., VNF Config and VNFDD from the <b>Service Catalog &gt; Virtual Service Instance</b>. You will have to follow the below procedure to import the files :</p> <ul style="list-style-type: none"> <li>• First import the VNF Config file. The VNF Config will be created in the NSO backend then import the Virtual Service Instance file. If the VNF Config exists in the NSO backend then you can only import the Virtual Service Instance file. On successful import the instance will be displayed on the card view.</li> <li>• If the VNF Config instance is not present in the Virtual Service Instance file, error message <b>Invalid Value for VNF Config</b> will be displayed.</li> <li>• If VNF Config and Virtual Service Instance file are already present in the NSO backend then while importing error message <b>Object already exists</b> will be displayed.</li> </ul>
List View for APIC Devices Enhanced	<p>This feature lets you view the <b>APIC Devices</b> Add/Edit fields as columns.</p>
Enhanced APIC Devices Add Screen	<p>The GUI has been enhanced for the APIC devices.</p> <ul style="list-style-type: none"> <li>• Under <b>Global &gt; Devices &gt; Add Devices</b> opens. On clicking the APIC Devices checkbox, by default filter for <b>Ned ID</b> will be selected as <b>cisco-apicdc-xxxxx</b> which will display the following fields: Connection-Timeout, Read-Timeout, Write-Timeout, Out-Of-Sync-Commit- Behaviour and Ned Settings section. <ul style="list-style-type: none"> <li>• Under <b>Ned Settings</b> section following fields will be displayed: Log Verbose, Config Path, Local Host, Host, User Name, User Password, Disable Check Sync, Ignore Passwords, Eabbl-I3ExtOut-CFG-Split and Alterative Hosts.</li> </ul> </li> </ul>
APIC Devices Allocated to Site	<p>This feature allows you to view the APIC devices site name on the Device table if it has been used in any site.</p> <ul style="list-style-type: none"> <li>• Under <b>Global &gt; Devices</b></li> </ul>
Device Table Enhanced to Edit APIC Devices	<p>This feature lets you edit the APIC devices on the <b>Device</b> table.</p> <ul style="list-style-type: none"> <li>• Under <b>Global &gt; Devices</b></li> <li>• On <b>Edit</b> column only APIC devices will show the edit icon</li> <li>• Edit popup will show the following editable fields: Connect-Timeout, Read-Timeout, Out-Of-Sync-Commit-Behaviour and Ned Settings</li> <li>• Cancel button in the confirmation pop up will cancel the action.</li> <li>• Ok button in the confirmation pops up will update the selected fields</li> </ul>

## Known Behavior

### Release 2.2.0

- When you add new Device and click on OK button, Device Response pop up will open. If you click on the OK button of the pop up before reaching the final stage i.e., Device Sync In Progress and the screen goes blank, then you will have to logout and login again.

## Related Documentation

- [Cisco Secure Agile Exchange User Guide](#)
- [Cisco Secure Agile Exchange Solution Guide](#)
- [Release Notes for Cisco Secure Agile Exchange 2.0](#)
- [Release Notes for Cisco Secure Agile Exchange 1.1](#)
- [Release Notes for Cisco Secure Agile Exchange 1.0](#)

### Notices and Bulletins

- [Field Notices](#)
- [Deferral Notices](#)
- [Cisco Bulletins](#)

