



Cisco Secure Agile Exchange GUI Release Notes, Release 2.3

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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 Major in SAE GUI 2.3.0

Table 1: Features in SAE GUI Release 2.3.0

Feature	Description
Provider Endpoint and Tenant Endpoint Enhanced for Traffic Handoff Method	<p>This feature has been enhanced to monitor the traffic delivered to SAE for VNID handoff. This VNID number is assigned to consumer/provider and all traffic from consumer/provider is in this VXLAN.</p> <ul style="list-style-type: none">• New option is added for VNID Handoff in Traffic Handoff Method.• Under Site > Selected Tenant > Service Deployment > Add Endpoints: Traffic Handoff Method.• Under Site > Add/Edit Provider Endpoints > Add Endpoints: Traffic Handoff Method.• If VNID handoff is selected VNID Number field is displayed.
Support for Opening Multiple Tabs in SAE GUI	<p>The SAE GUI is enhanced to maintain the session across multiple tabs in the same browser.</p> <ul style="list-style-type: none">• If session is ACTIVE then you can login into multiple tabs with same session.• You will be logged out from all tabs once you logout from one tab.

Feature	Description
Virtual Service Enhanced for Additional Storage Type	<p>Additional storage can now be added for virtual service when the Service Type selected is FortiGate.</p> <ul style="list-style-type: none"> • Two options are provided for Type i.e. <i>root-storage and volume-storage</i>. • Default Storage value when Service Type FortiGate is selected will be as follows: <ul style="list-style-type: none"> • ID as <i>root</i> • Type as <i>root-storage</i> • Size as <i>10</i> • When the Type is <i>volume-storage</i> <ul style="list-style-type: none"> • Choose the value of ID from “1” to “5” as it is the restriction of CSP. • Validation error message will populate if ID field is empty for both root-storage and volume-storage. • Click + to add additional row for storage.
Import/ Export Site Inventory	<p>These features allows you to import and export the site inventory.</p> <ul style="list-style-type: none"> • You can import the site inventory for a new site only when it's created without using cluster. Then only Importing Infrastructures Only icon gets active on the created Site page on top right corner. • To export the site, Exporting Infrastructures Only icon is displayed on the site page on top right corner. You can export it in JSON and XML format.
Search Option Enhanced for Virtual Service Instance	<p>The Service Chain Screen has been enhanced to search the Virtual Service Instance by Group Name and Name.</p> <ul style="list-style-type: none"> • To filter Virtual Service Instance, choose the Virtual Service Instance group name from the Select Group dropdown list and in Search Service Chain field type the Virtual Service Instance name.
Import/Export Global Config Parameters	<p>This feature allows you to import and export the configurations parameters in XML and JSON format.</p> <ul style="list-style-type: none"> • Under Global > Config Parameters • Import: <ul style="list-style-type: none"> • You can import the file saved from CLI. • Files exported from GUI can be imported successfully. • Export: <ul style="list-style-type: none"> • You can load merge and commit the exported file from CLI and it will create global variables without any errors.

Feature	Description
NSO Information Enhanced	<p>This feature displays the information for the device and custom templates on the NSO Info pop up. On the homepage, when you click on the username dropdown and choose NSO Info option, NSO Information pop-up opens which display two additional tabs Device Templates and Custom Templates.</p> <ul style="list-style-type: none"> • The device templates tab displays the template name along with their Virtual Service Instance IDs. • The custom templates tab displays the various custom templates created by the user. • You can filter, search, sort and adjust the column width on both device and custom template tabs.
HA Info Tab Enhanced	<p>This feature displays HA configuration for NSOs and the status of these NSOs (master and slave). The following information's are available on the table:</p> <ul style="list-style-type: none"> • HA Member Info: Name, Address, Default HA Role, Failover Master, Cluster Manager and Quagga Device. • Status: Name and Role. <p>Note If you log into SAE GUI and refresh the browser and click on the NSO Info option the HA Info tab goes blank and does not display information for VIP Info and HA Member Info. You have to logout and re-login and choose NSO Info option and all the HA related information will be visible.</p>
All Services Enhanced for RO Allocation	<p>This feature allows you to view the various resources deployed for all the services.</p> <ul style="list-style-type: none"> • Button View RO Allocation added on the Service Deployment screen at the bottom. • Pop-up is displayed for each individual services. • VIM Connector column is added in the table to display the CSP deployed. • In RO Allocation table, if 'Virtual Compute Info is not found', message 'No acceptable virtual compute info found instead of allocation table.' will display.

Feature	Description
<p>All Services Enhanced for SAE Action Status</p>	<p>SAE Action Status button is available on the Tenant Service Deployment screen of the selected gateway/service chain.</p> <ul style="list-style-type: none"> • On the middle panel of Tenant Service Deployment screen, if you click on the gateway/service chain setting icon and choose the below option following action happens: <ul style="list-style-type: none"> • Choose Custom Redeploy option, Redeploy Triggered pop-up message is displayed for the successful action. • Choose Custom Undeploy Redeploy option, successful pop-up message will display the action ID as a link. This link will redirect it to the SAE Action Status pop-up screen and will only display the record which matches this link. • If no action is performed, No Data message is displayed on the SAE Action Status pop-up screen. • In the VNF profile/PNF profile plan status table, from Setting icon, if you choose any of the two options i.e., Recover on Same CSP or Recover on Different CSP and enter the mandatory fields, pop-up message will display the action id as a link which when clicked will redirect to SAE Action Status pop-up screen. • History of all the actions performed can be viewed: <ul style="list-style-type: none"> • Under Monitoring & Operations > SAE Action Status
<p>Service Chain and Service Chain Instance Screen Enhanced</p>	<p>This feature displays Service Chain and Service Chain Instance according to the virtual service instance group name thus reducing the time taken for loading the chains.</p> <ul style="list-style-type: none"> • Chain diagram is displayed on the expansion of the panel. • If chain under that panel have more than 10 virtual service instances pagination is displayed for both list view and card view. • Redirection icon is added on card view of edit screen of virtual service, physical service, and service chain to redirect it to their irrespective instances which uses those services.

Feature	Description
Authgroup Enhanced for Group	<p>This feature allows the Authgroup to specify the type of authgroup. Following fields are added or enhanced to group it.</p> <ul style="list-style-type: none"> • Under Global > Authentication: Add button <ul style="list-style-type: none"> • Tag field is added to specify the type of authgroup. • Under Global > Authentication: List View <ul style="list-style-type: none"> • Tag column is added to display the configured tag value. • To filter the column search, show/hide option is added. • Discovery pop-up screen: Authgroups are filtered according to the tag <ul style="list-style-type: none"> • CSP Authgroup field will display authgroup which has tag as CSP. • Switch Authgroup field will display authgroup which has tag as SWITCH. • ASR Authgroup field will display authgroup which has tag as ASR.
All Services Enhanced for Cleanup Action	<p>This feature allows you to cleanup the services which are not in reached state.</p> <ul style="list-style-type: none"> • The cleanup action pop-up message will display the action id as a link and when clicked on this link it will redirect it to the SAE Action Status pop-up screen and will only display the record which matches this link. • The cleanup action performed on the chains are moved automatically to the Deleted Chains list to check the status
HA Info Enhanced for paired NSO	<p>This feature displays the HA status on HA Configuration.</p> <ul style="list-style-type: none"> • Default HA Role displays the current role assigned on NSO (master and slave).
Edit Template and Edit Site Enhanced for Iteration	<p>This feature allows all the services to add iteration for Edit Template. Also you can add iteration for custom templates under Edit Site, click Compute Cluster and next click Leaf Switches.</p> <ul style="list-style-type: none"> • Under Service Chain > Settings icon and choose Edit Template option. • Iteration is added for VNF Profile/PNF Profile; Add Custom Template or Switch Template. • By default, two iterations values are displayed when clicked on View Iteration link. • Iteration numbers are unique and auto generated. • Enter the Variable value for the iteration. • Pagination is added.

Feature	Description
Support for Quick Start Wizard	<p>Quick Start Wizard will allow you to run a brand-new setup initially and later you can customize it for a new site creation. It is divided into various phases and on completion of these phases you will have a bare minimum configuration to start with the service deployment, end-to-end chains creation, etc. The various setup details for the phases are as follow:</p> <ul style="list-style-type: none"> • Phase 1: Site Selection, Authgroup, Resource Pools, Catalog, Organization, Site Details, Review and Comments • Phase 2: Committed Form, Discovery Form, Review and Commit • Phase 3: ESC Device Creation, ESC Device Action, ESC VIM Mapping, Site VNF Manager, Device Global Settings, Network Capabilities, Review and Commit • Phase 4: Committed Form, Resource Zone, Site Infrastructure Form and Commit <p>Note It is assumed that Day-1 configuration for all components/devices are up and running.</p>

Feature	Description
Support for ACI Environment to Configure Switch Connectivity	<p>This feature supports ACI environment to configure switch connectivity. As to configure switch connectivity on EEP is different than regular Nexus 9000 environment. They are added in the below screen:</p> <ul style="list-style-type: none"> • For Provider Level EEP: Under Site Dashboard > Add Provider Endpoint screen. • For Tenant Level EEP: Under Tenant Service Deployment > Add Endpoint screen. • Under Add/Edit Provider Endpoints > Add Endpoint screen <p>Switch dropdown will display list of the leaf nodes in the ACI fabric. Select the leaf nodes where the switch connectivity is configured.</p> <p>For ACI site interface Switch field will be populated and below this field 3 radio buttons pc, vpc and dpc will display. Note: By default, pc radio button will be selected you can choose the other two options according to your configuration.</p> <ul style="list-style-type: none"> • If pc (Port Config) is selected: <ul style="list-style-type: none"> • Port Config dropdown will display a list of port config names from matched dc-controller fabric port configs. • If Port-Config is selected, another field if-id (interface id) will display list of interface-id names of the selected port-config. • Both field Port-Config and if-id (interface id) are mandatory • If vpc (virtual-port-channel-config) is selected: <ul style="list-style-type: none"> • virtual-port-channel-config drop down will display list of virtual-port-channel-config names from matched dc-controller/fabric port configs • It's a mandatory field • If dpc (direct-port-channel-config) is selected: <ul style="list-style-type: none"> • direct-port-channel-config drop down will display list of direct -port-channel-config names from matched dc controller/fabric port configs • It's a mandatory field. <p>Note Port config for pc/vpc/dpc must be pre-configured on dc-controller manually (GUI does not support the configuration currently.)</p> <p>Port Config dropdown will display list of the port config name from matched VLAN ID, Leaf node ID and type of PortConfig (pc, vpc or dpc) pre-configured on dc-controller.</p>

Feature	Description
Improvement for Device Creation	The issue identified in the previous SAE GUI release 2.2 <i>Application breaking on device creation pop-up screen before it reaches the 'Device sync in progress' pop-up</i> has been fixed.

Related Documentation

- [Cisco Secure Agile Exchange User Guide](#)
- [Cisco Secure Agile Exchange Solution Guide](#)
- [Release Note for Cisco Secure Agile Exchange 2.2](#)
- [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](#)

