

POST system - action importconfig

REST API Method: **POST** /rest/system?action=importconfig

This action imports a configuration file into a SBC Edge system.

 The file being imported **must** be from a node of the same model, running the same release and having same hardware configuration as the target node. Failure to do so will result in an invalid configuration.

 If the action fails, a set of Application Status Error Codes will be returned representing all configuration validation errors found in the file and detected by the SBC Edge system. If the action succeeds, the SBC Edge system will automatically reboot.

 If the `ConfigMaskUsage` parameter is 0 (`cmuKeepMaskedItems`), then if the `MaskedItems` parameter is empty, all configuration data will be imported **using the following default masked resources**:

- **system** resource
- **telcods1port** resource
- **ethernetport** resource
- **logicalinterface** resource
- **staticiproute** resource
- **staticipv6route** resource
- **staticarp** resource
- **siplocalauthentry** resource
 - The parent resource will be imported empty
- **sipremoteauthentry** resource
 - The parent resource will be imported empty
- **sipregistrantentry** resource
 - The parent resource will be imported empty
- **certificate** resource
 - Only the SBC Edge node's own certificate with instance ID 1
- **vlan** resource
- **acltable** resource
- **aclrule** resource
- **sbaconfig** resource
- **linkmonitor** resource
- **ipsectunnel** resource
- **natinterface** resource
- **natportforward** resource

These default masked resources above ensure an imported configuration file (originating from another SBC Edge system) do not overwrite the target system's vital information, namely the Ethernet Port's configuration, Static IP Routes, etc...

 If the `MaskedItems` parameter is sent with resource values, then the default masked resources listed above will not be applied in addition to what you have specified.

URL:

<https://192.168.0.111/rest/system?action=importconfig>

HTTP Method

POST

Requires Authentication:

true

Parameters

Parameter Name	Required	Service Affecting	Data Type	Default Value	Possible Values	Description
Filename	Yes	Yes	string	none	128 - Max Length	Identifies the name of the configuration file being uploaded to SBC Edge. It needs to be from a node of a similar release.
Passphrase	No	Yes	string	none	128 - Max Length	Identifies the passphrase to be used for the password decryption operation. If the password decryption fails, all the passwords in the configuration will be set to NULL, user should reset all the passwords manually. The password decryption fails in two circumstances 1) when the wrong passphrase used for the import operation. 2) When the configuration was exported with the passphrase and the configuration is imported without the passphrase.
ConfigMaskUsage	No	Yes	Enum	0	Possible values: <ul style="list-style-type: none">• 0 - cmuKeepMaskedItems• 1 - cmuMergeMaskedItems• 2 - cmuReplaceMaskedItems	This attribute defines the usage of the MaskedItems attribute. 0: resources given in MaskedItems are excluded from the configuration import, 1: resources given in MaskedItems are merged from the imported configuration into the current configuration, and 2: imported resources given in MaskedItems replace those in the current configuration.
MaskedItems	No	Yes	string	none	20000 - Max Length	Identifies a comma separated string of the resource URIs of the resources, to be applied as indicated by the 'MaskUsage' attribute: 0: the masked resources are excluded from the configuration import, 1: the masked resources from the imported configuration are merged into the current configuration, and 2: the masked resources from the imported configuration replace those in the current configuration. Individual resources or wildcards can be provided in the resource URI. (e.g. URI without an ID: /rest/resource, URI with an ID: /rest/resource/ID, and URI with a wildcard: /rest/parent-resource/*/child-resource). If this is empty, a default MaskedItems will be applied based on the MaskUsage setting: 0: a default set of node-specific resources will be masked from the import, 1 and 2: no default will be applied, an error will be returned.