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# POST csr - action generate

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## REST API Method: **POST /rest/csr?action=generate**

This resource defines the generate action on the [CSR Resource](#) . It returns the CSR as the response.

### URL:

<https://192.168.0.111/rest/csr?action=generate>

### HTTP Method

POST

### Requires Authentication:

true

### Parameters

Parameter Name	Required	Service Affecting	Data Type	Default Value	Possible Values	Description
commonName	Yes	No	string	none	64 - Max Length	The commonName can be hostname or FQDN. In general, it should be an FQDN. The default is set as the localhost string.
sanDNS	No	No	string	none	255 - Max Length	The Subject Alternative Name DNS should be used when the FQDN is greater than 64 chars for a common name.
emailAddress	No	No	string	none	128 - Max Length	Indicates the e-mail address of a contact person who is responsible for the managing the device.
countryName	No	No	string	none	2 - Max Length	Specifies the International Organization for Standardization (ISO) format country code for the country in which your organization is legally registered. Default setting is United States.
stateOrProvinceName	No	No	string	none	128 - Max Length	Specifies the state, province, region, territory as a full name of where your organization is located. Do not abbreviate.
localityName	No	No	string	none	128 - Max Length	Specifies the name of the city/locality field in which your organization is registered and located. Do not abbreviate.
organizationName	No	No	string	none	64 - Max Length	Specifies the organization name under which your business is legally registered.
organizationalUnitName	No	No	string	none	64 - Max Length	Specifies the division within the organization, for example: "Engineering" or "Human Resources".

keyBitLength	No	No	Enum	1024	<p>Possible values:</p> <ul style="list-style-type: none"> <li>• 1024</li> <li>- r1024</li> <li>• 2048</li> <li>- r2048</li> </ul>	<p>Specifies the key size to use when generating the Certificate Signing Request public and private key pair.</p> <p>When deciding what size key to use, consideration should be given to your security requirements such as what data is to be protected and what threats it may be exposed to. The larger the key, the greater the security it provides, but also the slower the cryptographic operations which may take from few seconds to several minutes.</p>
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