



CreateKeyServerKmip

Element Software

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CreateKeyServerKmip

You can use the `CreateKeyServerKmip` method to create a Key Management Interoperability Protocol (KMIP) key server with the specified attributes. During creation, the server is not contacted; it does not need to exist before you use this method. For clustered key server configurations, you must provide the hostnames or IP addresses of all server nodes in the `kmipKeyServerHostnames` parameter. You can use the `TestKeyServerKmip` method to test a key server.

Parameters

This method has the following input parameters:

Name	Description	Type	Default value	Required
<code>kmipCaCertificate</code>	The public key certificate of the external key server's root CA. This will be used to verify the certificate presented by external key server in the TLS communication. For key server clusters where individual servers use different CAs, provide a concatenated string containing the root certificates of all the CAs.	string	None	Yes
<code>kmipClientCertificate</code>	A PEM format Base64 encoded PKCS#10 X.509 certificate used by the Solidfire KMIP client.	string	None	Yes

Name	Description	Type	Default value	Required
kmipKeyServerHostnames	Array of the hostnames or IP addresses associated with this KMIP key server. Multiple hostnames or IP addresses must only be provided if the key servers are in a clustered configuration.	string array	None	Yes
kmipKeyServerName	The name of the KMIP key server. This name is only used for display purposes and does not need to be unique.	string	None	Yes
kmipKeyServerPort	The port number associated with this KMIP key server (typically 5696).	integer	None	No

Return values

This method has the following return values:

Name	Description	Type
kmipKeyServer	An object containing details about the newly created key server.	KeyServerKmp

Request example

Requests for this method are similar to the following example:

```

{
  "method": "CreateKeyServerKmip",
  "params": {
    "kmipCaCertificate": "MIICPDCCAaUCEDyRMcsf9tAbDpq40ES/E...",
    "kmipClientCertificate": "dKkkirWmnWXbj9T/UWZYB2oK0z5...",
    "kmipKeyServerHostnames" : ["server1.hostname.com",
"server2.hostname.com"],
    "kmipKeyServerName" : "keyserverName",
    "kmipKeyServerPort" : 5696
  },
  "id": 1
}

```

Response example

This method returns a response similar to the following example:

```

{
  "id": 1,
  "result":
  {
    "kmipKeyServer": {
      "kmipCaCertificate": "MIICPDCCAaUCEDyRMcsf9tAbDpq40ES/E...",
      "kmipKeyServerHostnames": [
        "server1.hostname.com", "server2.hostname.com"
      ],
      "keyProviderID": 1,
      "kmipKeyServerName": "keyserverName",
      "keyServerID": 1,
      "kmipKeyServerPort": 1,
      "kmipClientCertificate": "dKkkirWmnWXbj9T/UWZYB2oK0z5...",
      "kmipAssignedProviderIsActive": true
    }
  }
}

```

New since version

11.7

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