



# Session authentication API methods

Element Software

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# Session authentication API methods

You can use session-based authentication to manage user sessions.

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## Find more information

- [SolidFire and Element Software Documentation](#)
- [Documentation for earlier versions of NetApp SolidFire and Element products](#)

## ListAuthSessionsByClusterAdmin

You can use the `ListAuthSessionsByClusterAdmin` method to list all auth sessions associated with the specified `ClusterAdminID`. If the specified `ClusterAdminID` maps to a group of users, all auth sessions for all members of that group will be listed.

### Parameters

This method has the following input parameter:

Name	Description	Type	Default value	Required
<code>clusterAdminID</code>	Unique identifier for the cluster admin.	integer	None	Yes

### Return values

This method has the following return value:

Name	Description	Type
<code>sessions</code>	List of session information for the auth sessions.	<a href="#">authSessionInfo</a>

### Request example

Requests for this method are similar to the following example:

```
{
  "method": "ListAuthSessionsByClusterAdmin",
  "clusterAdminID": 1
}
```

## Response example

This method returns a response similar to the following example:

```
{
  "sessions": [
    {
      "accessGroupList": [
        "administrator"
      ],
      "authMethod": "Cluster",
      "clusterAdminIDs": [
        1
      ],
      "finalTimeout": "2020-03-14T19:21:24Z",
      "idpConfigVersion": 0,
      "lastAccessTimeout": "2020-03-11T19:51:24Z",
      "sessionCreationTime": "2020-03-11T19:21:24Z",
      "sessionID": "b12bfc64-f233-44df-8b9f-6fb6c011abf7",
      "username": "admin"
    }
  ]
}
```

## New since version

12.0

## ListAuthSessionsByUsername

You can use the `ListAuthSessionsByUsername` method to list all auth sessions for the specified user. A caller not in `AccessGroup ClusterAdmins / Administrator` privileges may only list their own sessions. A caller with `ClusterAdmins / Administrator` privileges may list sessions belonging to any user.

## Parameters

This method has the following input parameters:

Name	Description	Type	Default value	Required
authMethod	<p>Authentication method of the user sessions to be listed. Only a caller in the ClusterAdmins/Administrator AccessGroup can provide this parameter. Possible values are:</p> <ul style="list-style-type: none"> <li>• <b>authMethod=Cluster</b> specifies the ClusterAdmin username.</li> <li>• <b>authMethod=Ldap</b> specifies the user's LDAP DN.</li> <li>• <b>authMethod=Idp</b> specifies either the user's IdP UUID or NameID. If the IdP is not configured to return either option, this specifies a random UUID issued when the session was created.</li> </ul>	authMethod	None	Yes
username	Unique identifier for the user.	string	None	Yes

## Return values

This method has the following return value:

Name	Description	Type
sessions	List of session information for the auth sessions.	<a href="#">authSessionInfo</a>

## Request example

Requests for this method are similar to the following example:

```
{
  "method": "ListAuthSessionsByUsername",
  "authMethod": "Cluster",
  "username": "admin"
}
```

## Response example

This method returns a response similar to the following example:

```
{
  "sessions": [
    {
      "accessGroupList": [
        "administrator"
      ],
      "authMethod": "Cluster",
      "clusterAdminIDs": [
        1
      ],
      "finalTimeout": "2020-03-14T19:21:24Z",
      "idpConfigVersion": 0,
      "lastAccessTimeout": "2020-03-11T19:51:24Z",
      "sessionCreationTime": "2020-03-11T19:21:24Z",
      "sessionID": "b12bfc64-f233-44df-8b9f-6fb6c011abf7",
      "username": "admin"
    }
  ]
}
```

## New since version

12.0

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