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## AWS Security Token Service

[API Reference](#)[Welcome](#)

### Actions

[AssumeRole](#)[\*\*AssumeRoleWithSAML\*\*](#)[AssumeRoleWithWebIdentity](#)[DecodeAuthorizationMessage](#)[GetAccessKeyInfo](#)[GetCallerIdentity](#)[GetFederationToken](#)[GetSessionToken](#)

### Data Types

[Common Parameters](#)[Common Errors](#)

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(15 minutes) up to the maximum session duration setting for the role. This setting can have a value from 1 hour to 12 hours. To learn how to view the maximum value for your role, see [Setting a Role in the IAM](#).

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[Setting a Role in the IAM](#)

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## Permissions

The temporary security credentials created by Assume RoleWithSAML can be used to make requests to AWS services.

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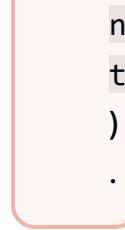
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## Tags

(Optional) You can configure your IdP to pass attribute values into your SAML assertion as session tags.

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tags. For more information, see [Tutorial: Using Tags for Attribute-Based Access Control in the IAM User Guide.](#)

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## SAML Configuration

Before your application can call `AssumeRoleWithSAML`, you must configure your SAML identity provider (IdP) to issue the claims required by AWS.

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## Credentials

The temporary security credentials are used by your application to make AWS API calls on behalf of the user. These credentials consist of an access key ID, a secret access key, and a security token.

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