Account template creation - Permissions

Using Permissions, you can configure what the end users can and cannot do in their accounts.

> Sandbox Studio uses IAM Identity Center Permissions Sets for permissions. You can see more details explaining each of the sections of this page at https://docs.aws.amazon.com/singlesignon/latest/userguide/permissionsetcustom.html

Default permissions

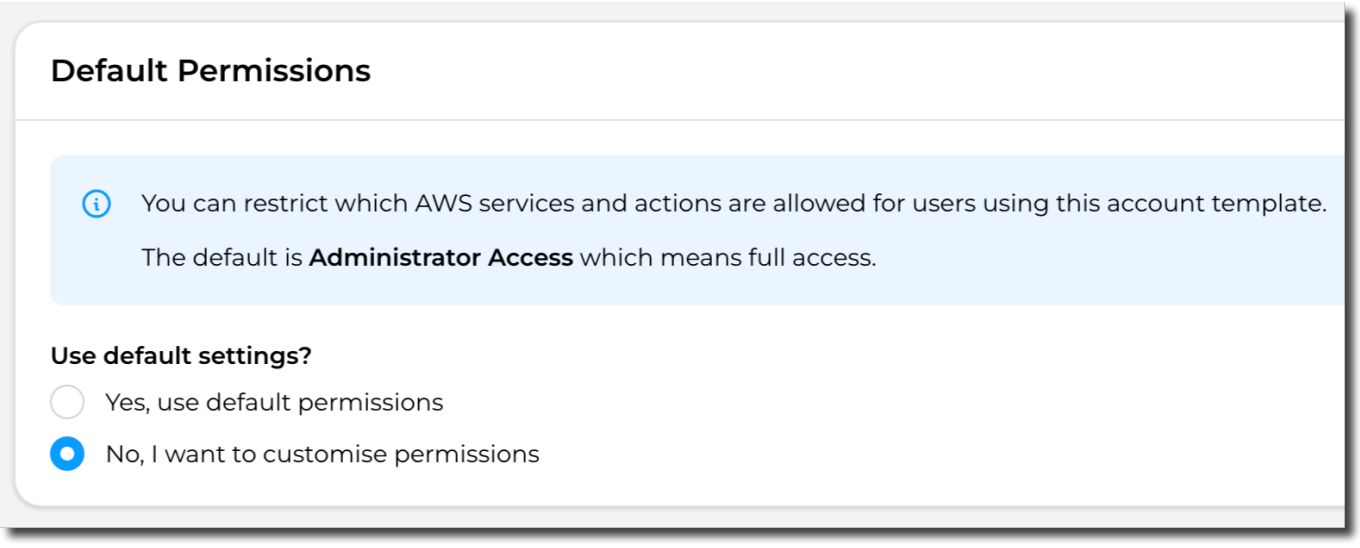
By default, "Administrator Access" is provided to end users.

> Service Control Policies (SCP) are still applied on the accounts and even with Administrator access, some resources and actions may be blocked by your Administrators.

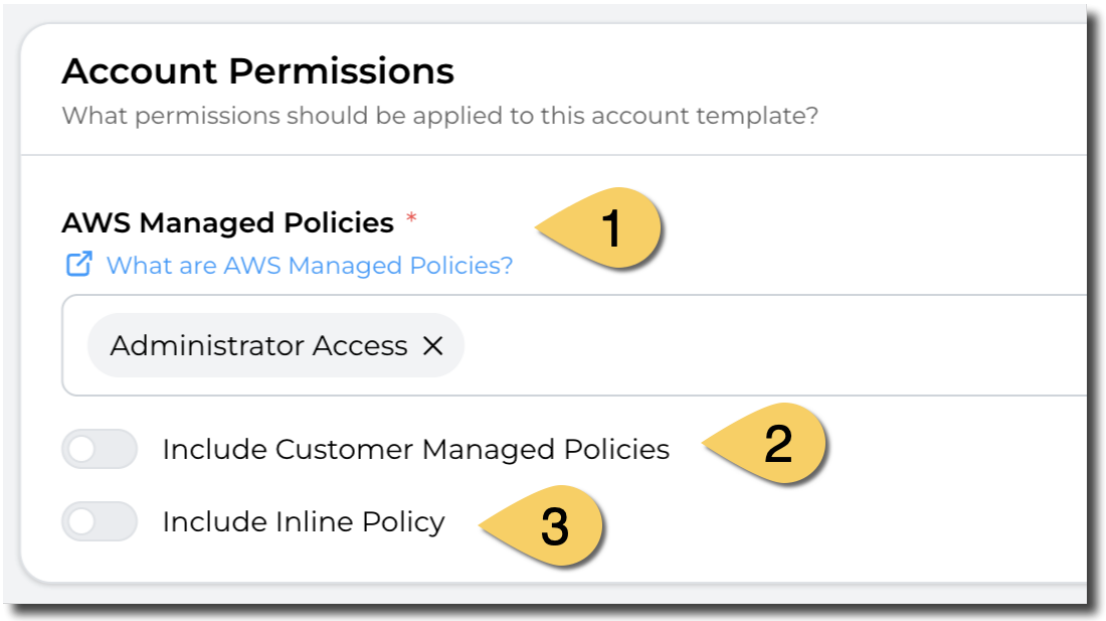
If the default configuration suits your needs, proceed to the next step Account template creation - Roles & Access

Customise permissions

For more granular permissions configuration, you can customise the permissions you provide to the end users by selecting **No, I want to customise permissions:**



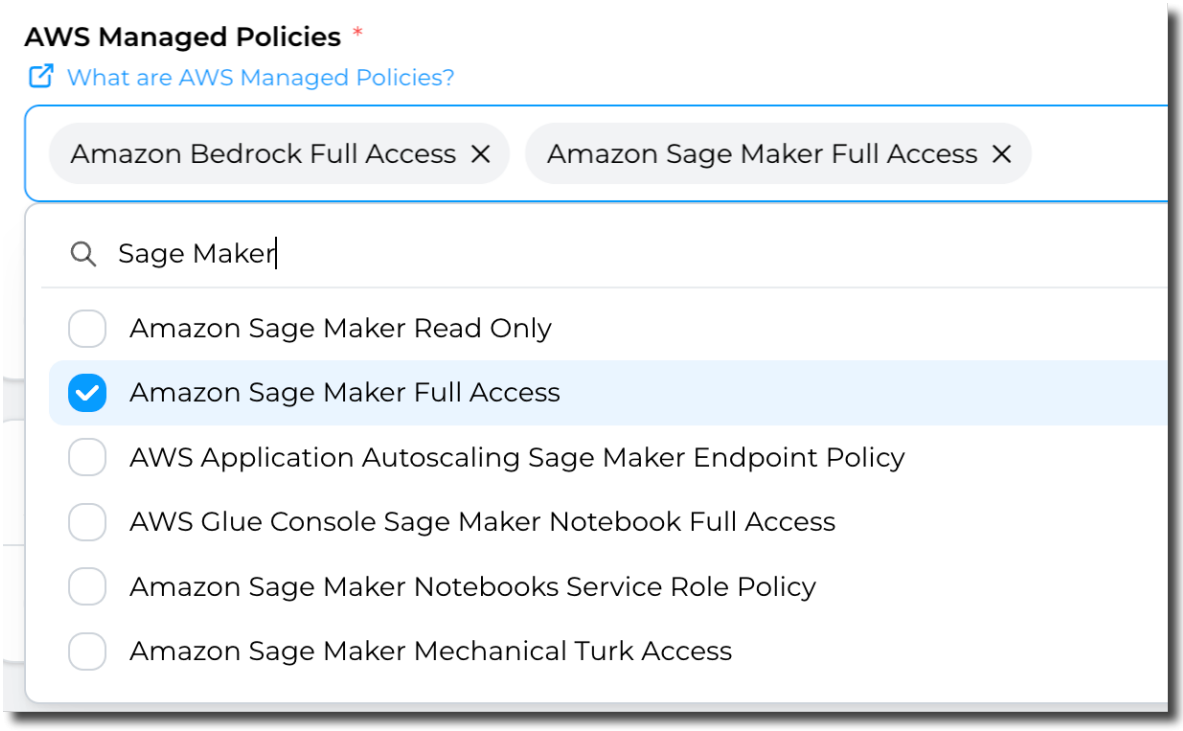
The following sections can be configured:



1. **AWS Managed Policies**

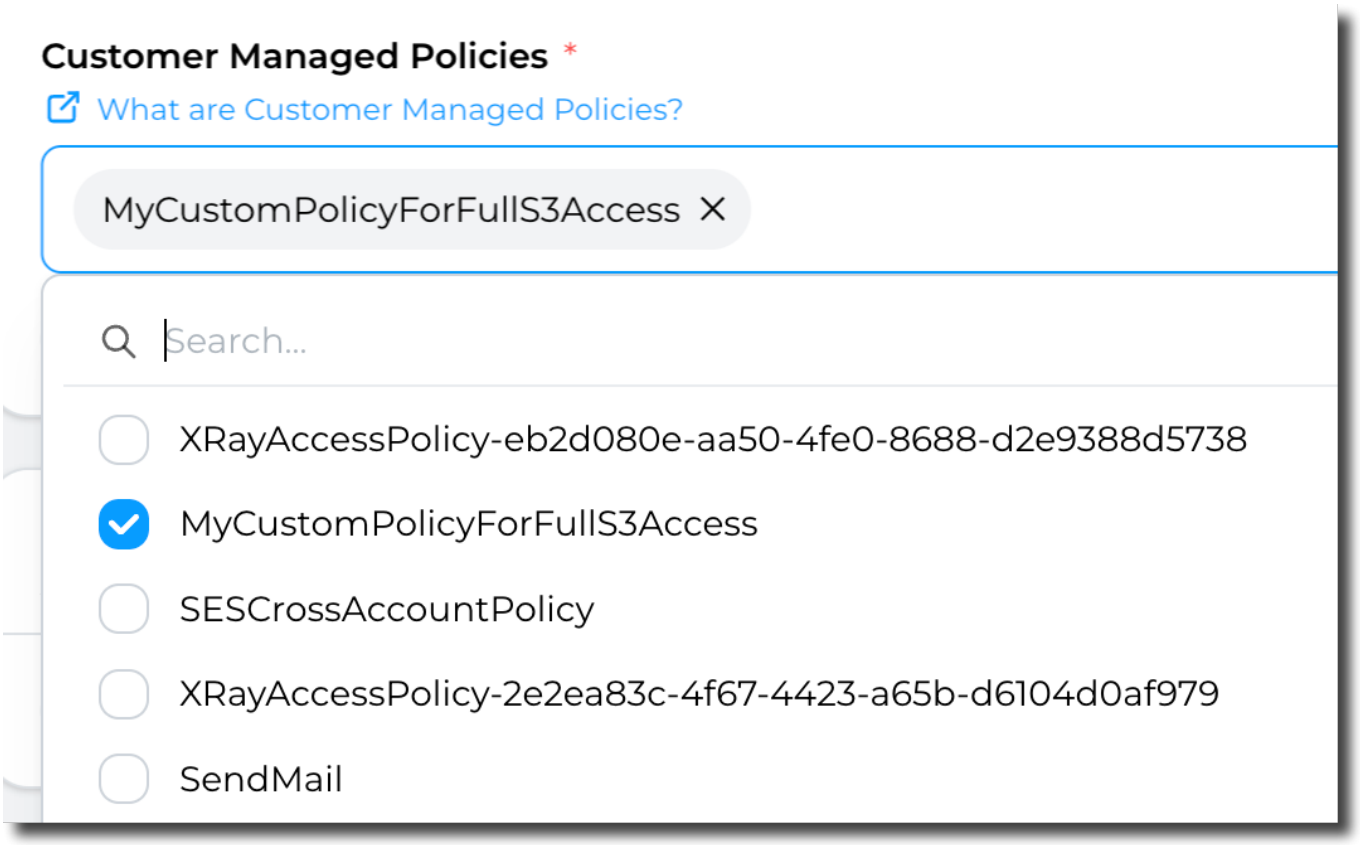
By default, the Administrator Access policy is applied but you can select one or more policies from the list of AWS Managed policies. More details here about AWS Managed policies:

https://docs.aws.amazon.com/aws-managed-policy/latest/reference/about-managed-policy-reference.html



2. **Customer Managed Policies**

If you have pre-defined policies you manage, you can use them here. More details about Customer managed policies



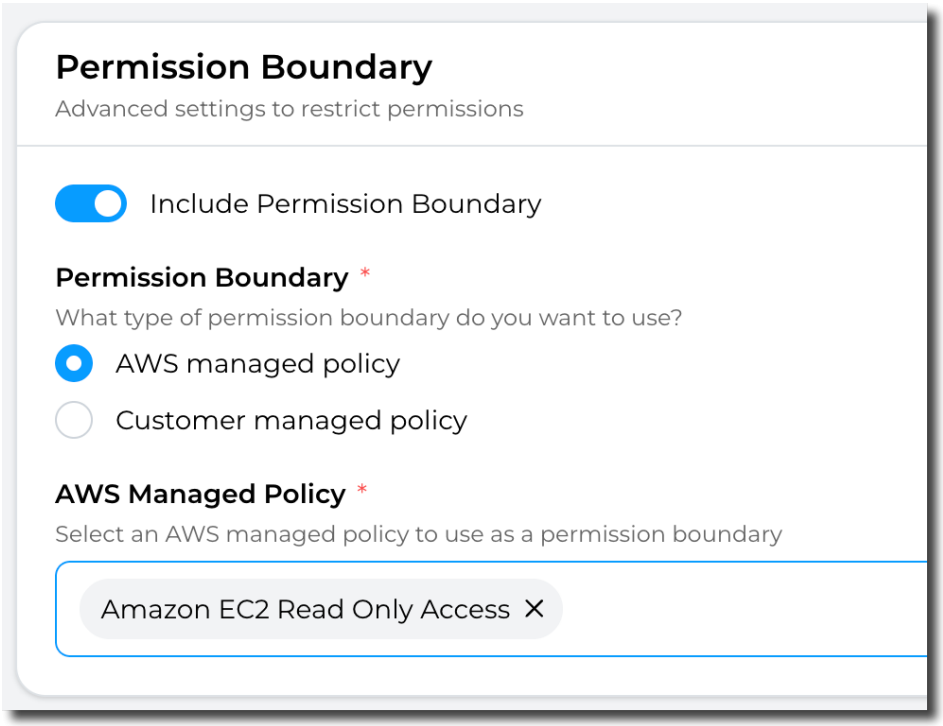
3. **Inline policy**

Finally, you can use inline policy (define the access directly in the section). More details about inline policies.

Example:

Permission Boundary:

Finally, and following the same principles as previous options, you have the option to include **Permission boundaries.** More details about Permission boundaries.



> Note: Permission boundaries can only be "AWS managed policy" OR "Customer managed policy" (Not both). In addition, you can only select **ONE** policy to apply.

Having completed all the fields on the **Permissions** page as needed, click on **Next** to move to Account template creation - Roles & Access

Example:

This example restricts users to only basic EC2 actions:

Use default settings?

- ○ Yes, use default permissions
- ◉ No, I want to customise permissions

Account Permissions

What permissions should be applied to this account template?

AWS Managed Policies *

What are AWS Managed Policies?

Amazon EC2 Read Only Access ×

Include Customer Managed Policies

Include Inline Policy

Inline Policy *

What are Inline Policies?

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": [
        "ec2:RunInstances",
        "ec2:StartInstances",
        "ec2:StopInstances",
        "ec2:RebootInstances",
        "ec2:TerminateInstances",
        "ec2:CreateTags"
      ],
      "Resource": "*"
    }
  ]
}
```

Revision #7
Created 2025-07-22 18:16:13 UTC by Winston
Updated 2026-04-03 22:39:26 UTC by Paul