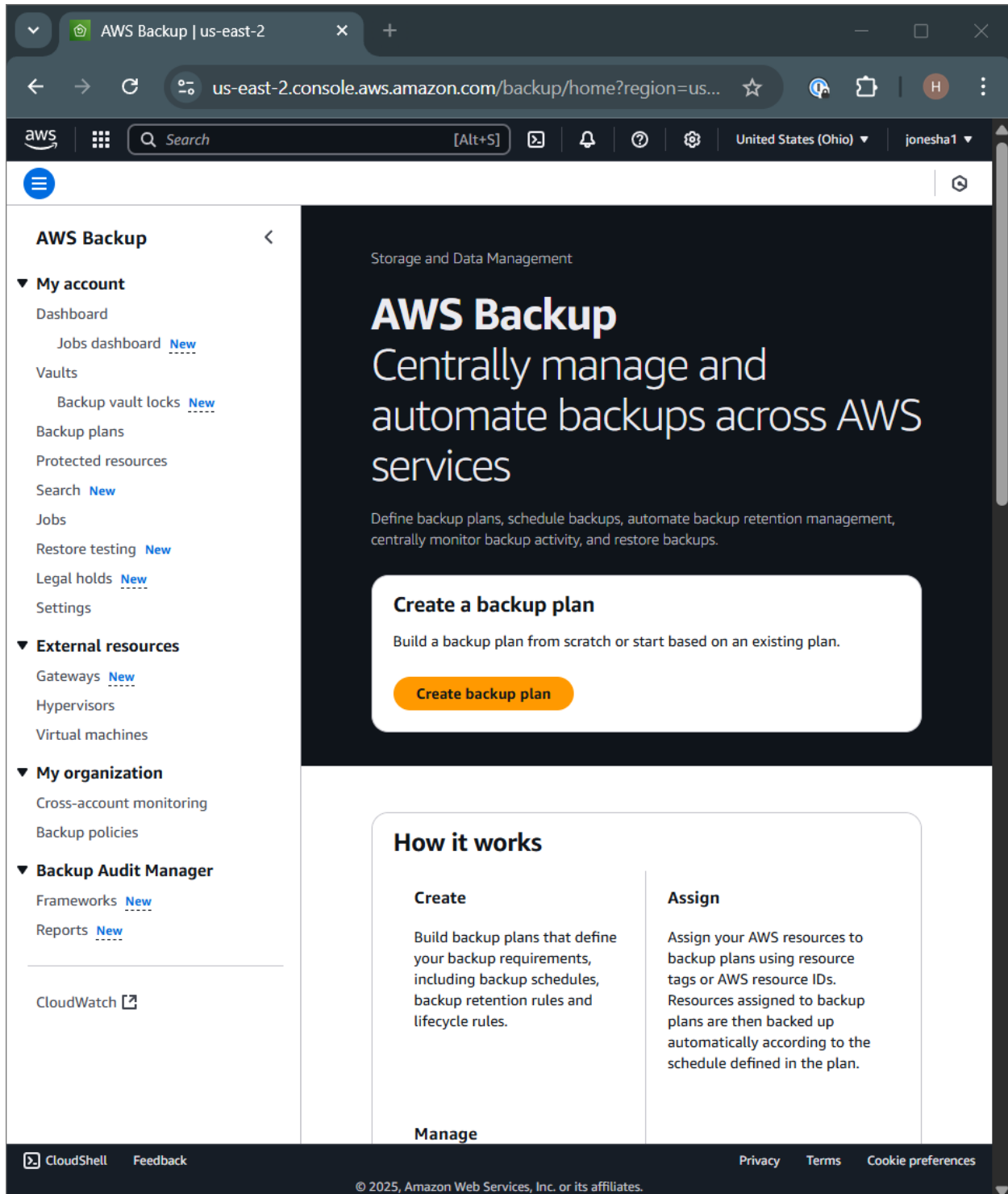


Setting up AWS Backup

Open AWS Backup dashboard



- Select settings from the navigation bar on the left

The screenshot shows the AWS Backup console in the 'us-east-2' region. The left sidebar contains a navigation menu with sections: 'My account' (Dashboard, Jobs dashboard, Vaults, Backup vault locks, Backup plans, Protected resources, Search, Jobs, Restore testing, Legal holds, Settings), 'External resources' (Gateways, Hypervisors, Virtual machines), 'My organization' (Cross-account monitoring, Backup policies), and 'Backup Audit Manager' (Frameworks, Reports, CloudWatch). The main content area is titled 'Service opt-in' and includes a 'Configure resources' button. Below this is a list of resource types: Aurora, CloudFormation - new, DocumentDB - new, DynamoDB, EBS, EC2, EFS, FSx (with a note about supported file systems), Neptune - new, RDS, Redshift - new, Redshift Serverless, S3 - new (with a link to 'one-time permissions setup'), SAP HANA on Amazon EC2 - new (with a link to 'View pre-requisites'), Storage Gateway, and Timestream - new. The footer contains links for CloudShell, Feedback, Privacy, Terms, and Cookie preferences, along with a copyright notice for Amazon Web Services, Inc.

Settings | AWS Backup | us-east

us-east-2.console.aws.amazon.com/backup/home?region=us...

Search [Alt+S] United States (Ohio) jonesha1

AWS Backup > Settings

Service opt-in [Info](#) [Configure resources](#)

Enable and disable resource types (e.g., EC2, EFS, etc.) that will be protected by backup plans in this account and Region. You will need to enable newly launched resource types before they are protected.

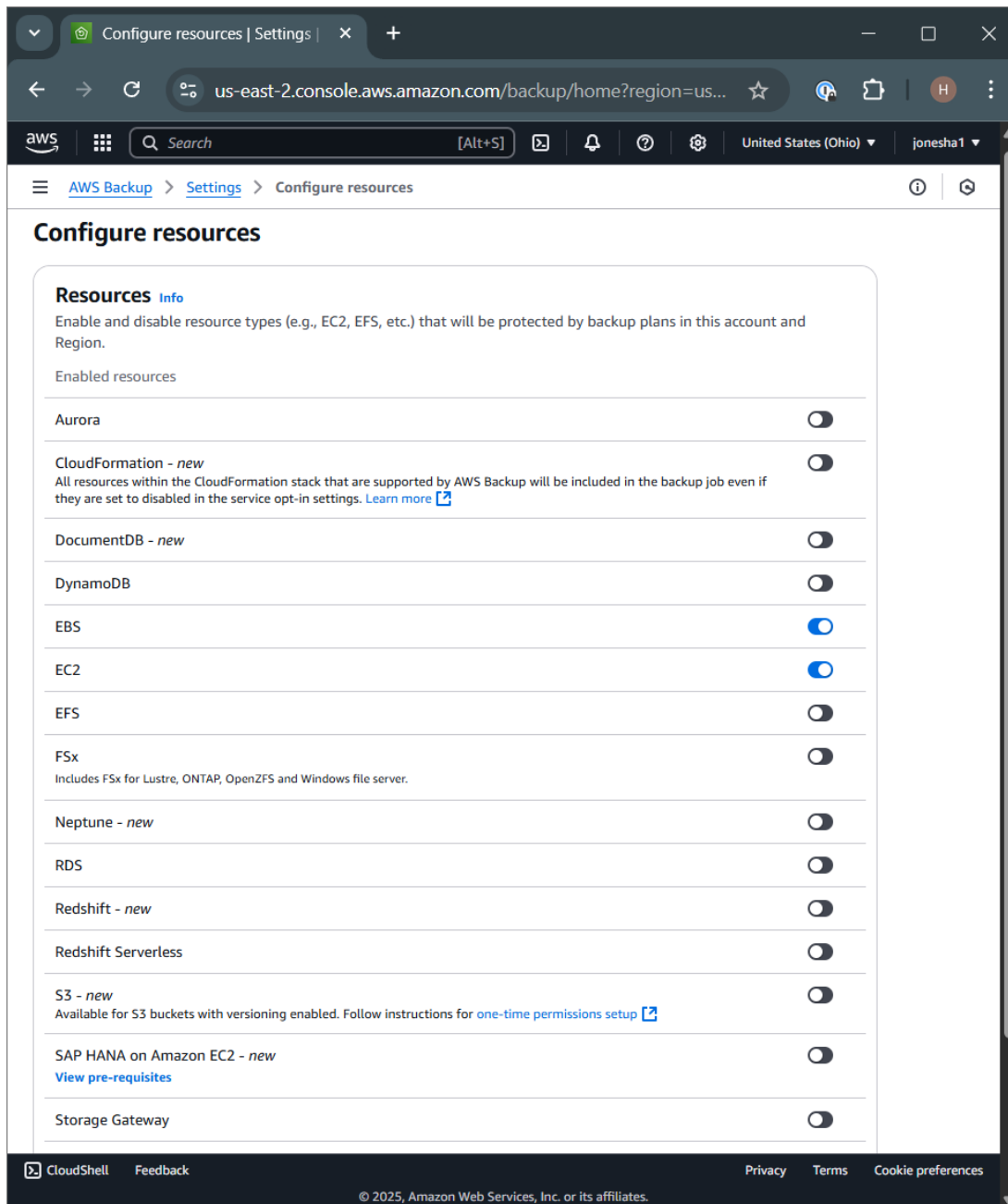
Resource type

- Aurora
- CloudFormation - *new*
All resources within the CloudFormation stack that are supported by AWS Backup will be included in the ba
- DocumentDB - *new*
- DynamoDB
- EBS
- EC2
- EFS
- FSx
Includes FSx for Lustre, ONTAP, OpenZFS and Windows file server.
- Neptune - *new*
- RDS
- Redshift - *new*
- Redshift Serverless
- S3 - *new*
Available for S3 buckets with versioning enabled. Follow instructions for [one-time permissions setup](#)
- SAP HANA on Amazon EC2 - *new*
[View pre-requisites](#)
- Storage Gateway
- Timestream - *new*

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- Select "Configure resources" from the top right hand corner



- Select the AWS resources you plan to backup. For our solution that is EC2 and EBS.

Protected resources | AWS Back x +

us-east-2.console.aws.amazon.com/backup/home?region=us... ☆

aws Search [Alt+S] United States (Ohio) jonesha1

AWS Backup > Protected resources

AWS Backup

- ▼ My account
 - Dashboard
 - Jobs dashboard [New](#)
 - Vaults
 - Backup vault locks [New](#)
 - Backup plans
 - Protected resources**
 - Search [New](#)
 - Jobs
 - Restore testing [New](#)
 - Legal holds [New](#)
 - Settings
- ▼ External resources
 - Gateways [New](#)
 - Hypervisors
 - Virtual machines
- ▼ My organization
 - Cross-account monitoring
 - Backup policies
- ▼ Backup Audit Manager
 - Frameworks [New](#)
 - Reports [New](#)

CloudWatch

Protected resources (0) [Info](#)

Create on-demand backup

Resources backed up by AWS Backup

Find resources by name, ID, type, or last backup

< 1 > ⚙

Resource name ▼	Resource ID ▼	Resource type ▼	Last backup ▼
Empty resources			
No resources to display			

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- Select “Create on-demand backup” from the top right hand corner

Create on-demand backup | Protected resources > Create on-demand backup

Create on-demand backup [Info](#)


Settings

Resource type
EC2

Instance ID
i-00031909bfbcdf937

Backup window
☒ Create backup now
Starts within 1 hour.
☐ Customize backup window

Total retention period [Info](#)
Tell AWS Backup how long to store your backups.
21 Days

Total retention (days)


☒ Warm storage

Backup vault [Info](#)
Specify the Backup vault this backup is organized in.
Default [Create new vault](#)

IAM role [Info](#)
Specify the IAM role that AWS Backup will assume when creating and managing backups on your behalf.
☒ Default role
If the AWS Backup default role is not present, one will be created for you with the correct permissions.
☐ Choose an IAM role

Tags added to recovery points - optional
AWS Backup copies tags from the protected resource to the recovery point upon creation. You can specify additional tags to add to

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- Select your EC2 instance and decide on how long you want the backup to keep for. We chose 21 days to keep it for 3 sprints after, and to save on storage.
- You can create a new vault to store it in, or just leave it as the default.

Create backup plan | Backup plans | x +

us-east-2.console.aws.amazon.com/backup/home?region=us... ☆

aws Search [Alt+S] United States (Ohio) jonesha1

AWS Backup > Backup plans > Create backup plan

Create backup plan [Info](#)

Start options

Backup plan options [Info](#)

☐ Start with a template
Create a Backup plan based on a template provided by AWS Backup.

☒ Build a new plan
Configure a new Backup plan from scratch.

☐ Define a plan using JSON
Modify the JSON expression of an existing backup plan or create a new expression.

Backup plan name

Backup plan name is case sensitive. Must contain from 1 to 50 alphanumeric or '-' characters.

► **Tags added to backup plan** - optional

Backup rule configuration [Info](#)

Schedule

Backup rule name

Backup rule name is case sensitive. Must contain from 1 to 50 alphanumeric or '-' characters.

Backup vault [Info](#)

Default ▼

[Create new vault](#)

Backup vault

Backup frequency [Info](#)

Weekly ▼

on ☐ Mon ☐ Tue ☐ Wed ☒ Thu ☐ Fri ☐ Sat ☐ Sun

Backup window [Info](#)

Start time

Backup indexes - optional [Info](#)

Create backup indexes to selected resource types. Each index has a creation and storage cost. [See pricing](#)

- ☐ S3
- ☒ EBS

- Now, we will automate the back up
- You can choose when in the week you want the backup to occur. We chose midnight on Thursday (for the production instance) so that if something goes wrong during sprint transition (on Thursday) we have a clean instance to roll back to.
- You can also back up any storage instances you are using.

The screenshot displays the AWS Backup console interface. On the left, a navigation sidebar lists various AWS Backup features. The main area is titled 'Vaults' and includes an 'Info' link and a 'Create new vault' button. It explains how vaults work and provides links to create different types of vaults. Below this, there are tabs for 'Vaults owned by this account' and 'Vaults shared with this account'. The 'Vaults owned by this account' tab is selected, showing a search bar and filter options. A table lists the vaults owned by the account, with one vault named 'Default' shown.

Vault name	Vault type	Vault lock status	Recovery points	KMS encryption
Default	Backup	-	1	276805ae-17

- To see the backups, you can navigate to vaults on the navigation bar on the right.

The screenshot displays the AWS Backup console interface. The left-hand navigation pane includes sections for 'My account', 'External resources', 'My organization', and 'Backup Audit Manager'. The main area is titled 'Default' and provides a summary of the selected vault, including its name, type, ARN, KMS encryption key ID, and creation date. Below the summary, the 'Recovery points' tab is selected, showing a table of recovery points. A context menu is open over the first row of the table, offering actions such as 'Copy', 'Edit', 'Restore', 'Delete', 'Search backup', and 'Create backup index'. The 'Access policy' section is also visible at the bottom of the main content area.

- From there, you can view your recovery points and choose to restore from that point.

Source:

<https://aws.amazon.com/getting-started/hands-on/amazon-ec2-backup-and-restore-using-aws-backup/>