



BlueXP Workload Factory release notes

Release notes

NetApp
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BlueXP Workload Factory release notes

Recent changes in BlueXP Workload Factory

Learn about the most recent changes to the workloads that are part of BlueXP Workload Factory.

2024-11-03

Amazon FSx for NetApp ONTAP

Tab views in storage inventory

Storage inventory has been updated to a two-tab view:

- FSx for ONTAP tab: displays the FSx for ONTAP file systems you currently have.
- Explore savings tab: displays Elastic Block Store, FSx for Windows File Server, and Elastic File Systems storage systems. From there, you can explore savings for these systems by comparing them with FSx for ONTAP.

Database workloads

Continuously optimize your Microsoft SQL Server workloads with Databases

BlueXP workload factory introduces continuous guidance and guardrails to ensure ongoing optimization and adherence to best practices for the storage component of your Microsoft SQL Server workloads on Amazon FSx for NetApp ONTAP. This feature continuously scans your Microsoft SQL Server estate offline, providing you with a comprehensive report of insights, opportunities, and recommendations to help you achieve peak performance, cost-efficiency, and compliance.

[Optimize your SQL Server workloads](#)

Terraform support

You can now use Terraform from the Codebox to deploy Microsoft SQL Server.

- [Create a database server](#)
- [Use Terraform from Codebox](#)

VMware workloads

VMware migration advisor data reduction ratio help

This release of Workload Factory for VMware features a data reduction ratio assistant. The data reduction ratio assistant helps you decide which ratio is best for your VMware inventory and storage estate when preparing for AWS cloud onboarding.

[Create a deployment plan for Amazon EC2 using the migration advisor](#)

GenAI workloads

Mask Personal Identifiable Information with data guardrails

The Generative AI workload introduces the data guardrails feature, powered by BlueXP classification. The data guardrails feature identifies and masks Personal Identifiable Information (PII) helping you maintain compliance and strengthen security for your sensitive organizational data.

[Create a knowledge base](#)

[Learn about BlueXP classification](#)

2024-09-29

Amazon FSx for NetApp ONTAP

Link creation updates

- **Codebox viewer:** Codebox is now integrated in the link creation process. You can view and copy the CloudFormation template from Codebox in Workload Factory before redirecting to AWS to execute the operation.
- **Required permissions:** The permissions required to execute the link creation in AWS CloudFormation are now available to view and copy from the Create Link wizard in Workload Factory.
- **Support for manual link creation:** This feature allows standalone creation in AWS CloudFormation with manual registration of the link ARN. It's useful when a Security or DevOps team assists in the link creation process.

[Create a link](#)

Database workloads

Explore savings for detected Microsoft SQL servers on FSx for Windows File Server

You can now explore savings of detected Microsoft SQL servers on Amazon EC2 with FSx for Windows File Server storage in the savings calculator. Depending on your SQL server and storage requirements, you might find that FSx for ONTAP storage is the most cost effective for your database workloads.

[Explore savings with FSx for ONTAP for your database workloads](#)

GenAI workloads

Snapshot and restore support for knowledge base volumes

You can now protect your Generative AI workloads data by taking a point-in-time copy of a knowledge base. This enables you to protect your data against accidental loss or test changes to the settings of the knowledge base. You can restore the previous version of the knowledge base volume at any time.

[Take a snapshot of a knowledge base volume](#)

[Restore a snapshot of a knowledge base volume](#)

Pause scheduled scans

You can now pause scheduled data source scans. By default, Generative AI workloads scans each data

source daily to ingest new data into each knowledge base. If you don't want the latest changes to be ingested (during testing or while restoring a snapshot, for example) you can pause the scheduled scans and resume them at any time.

[Manage knowledge bases](#)

Data protection volumes now supported for knowledge bases

When selecting a knowledge base volume, you can now choose a data protection volume that is part of a NetApp SnapMirror replication relationship. This enables you to store knowledge bases on volumes that are already protected by SnapMirror replication.

[Identify the data sources to integrate in your knowledge base](#)

2024-09-19

VMware workloads

VMware migration advisor enhancements

This release of Workload Factory for VMware features functionality and stability enhancements as well as the ability to import and export migration plans when using the VMware migration advisor.

[Create a deployment plan for Amazon EC2 using the migration advisor](#)

2024-09-01

Amazon FSx for NetApp ONTAP

Read mode support for storage management

Read mode is available for storage management in Workload Factory. Read mode enhances the experience of basic mode by adding read-only permissions so that the Infrastructure-as-Code templates are filled with your specific variables. The Infrastructure-as-Code templates can be executed directly from your AWS account without providing any modify permissions to Workload Factory.

[Learn more about read mode](#)

Backup before volume deletion support

You can now back up a volume before deleting it. The backup will remain in the file system until deleted.

[Delete a volume](#)

Database workloads

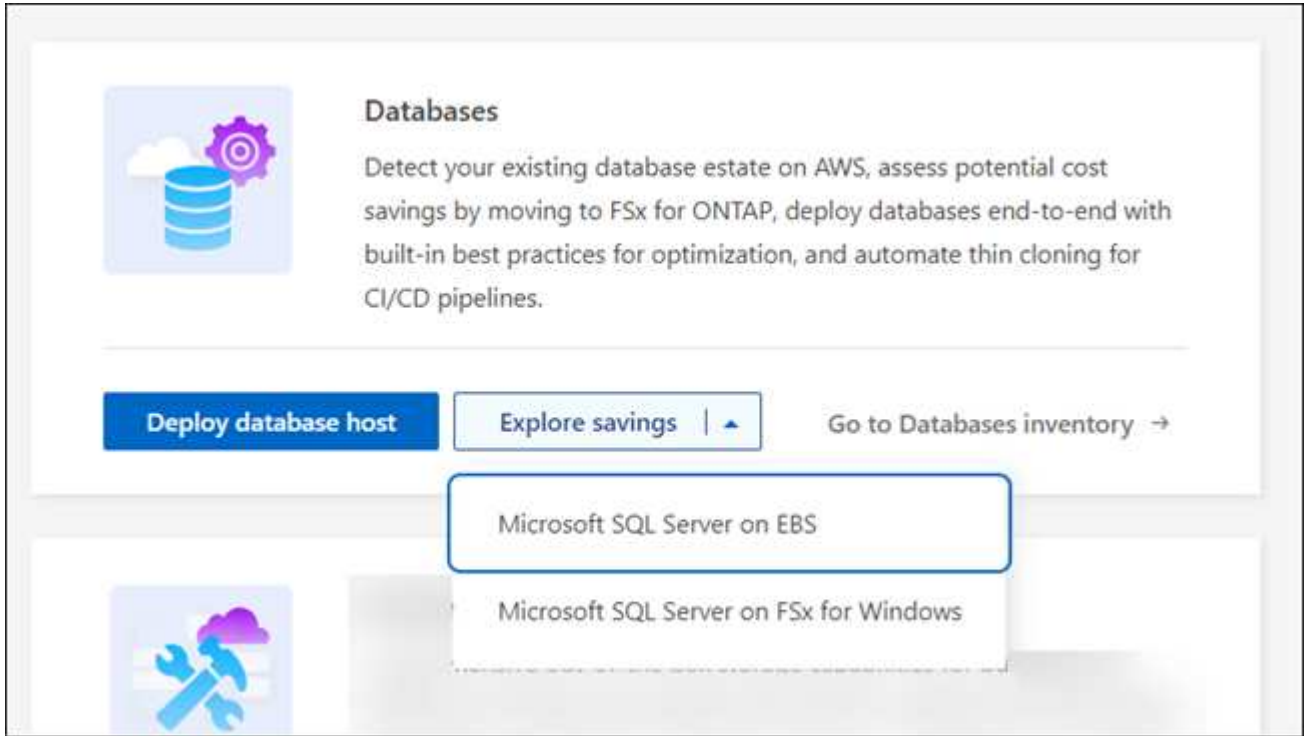
Explore savings via customization

You can now customize configuration settings for Microsoft SQL server on Amazon EC2 with FSx for Windows File Server and Elastic Block Store storage in the savings calculator. Depending on your storage requirements, you might find that FSx for ONTAP storage is the most cost effective for your database workloads.

[Explore savings with FSx for ONTAP for your database workloads](#)

Navigate to the savings calculator from the home page

You can now navigate to the savings calculator from the [Workload Factory console](#) home page. Select from Elastic Block Store and FSx for Windows File Server to get started.



VMware workloads

Migrate to Amazon EC2

Workload Factory for VMware now supports migration to Amazon EC2 using the VMware migration advisor.

GenAI workloads

Additional chunking strategies

Generative AI workloads now supports multi-sentence chunking and overlap-based chunking for data sources.

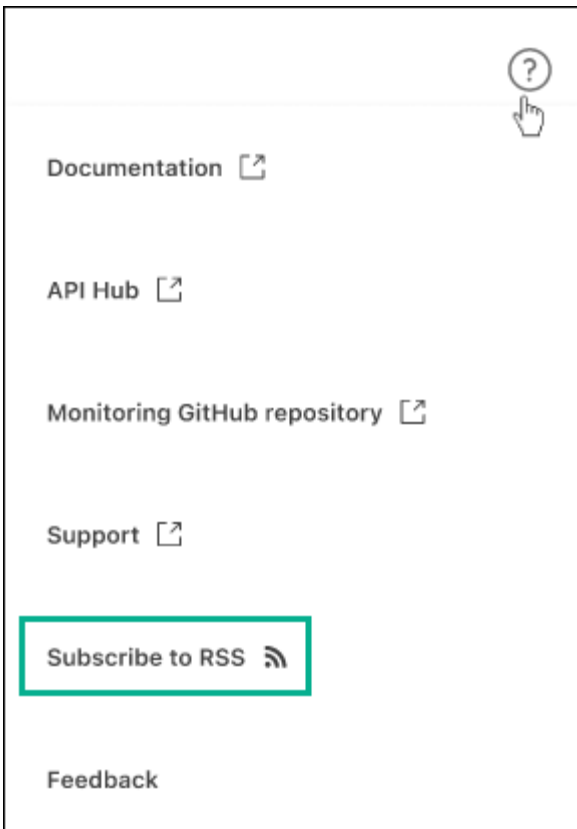
Dedicated volume for each knowledge base

Generative AI workloads now creates a dedicated Amazon FSx for NetApp ONTAP volume for each new knowledge base, enabling individual snapshot policies for each knowledge base and improved protection against failures and data poisoning.

Setup and administration

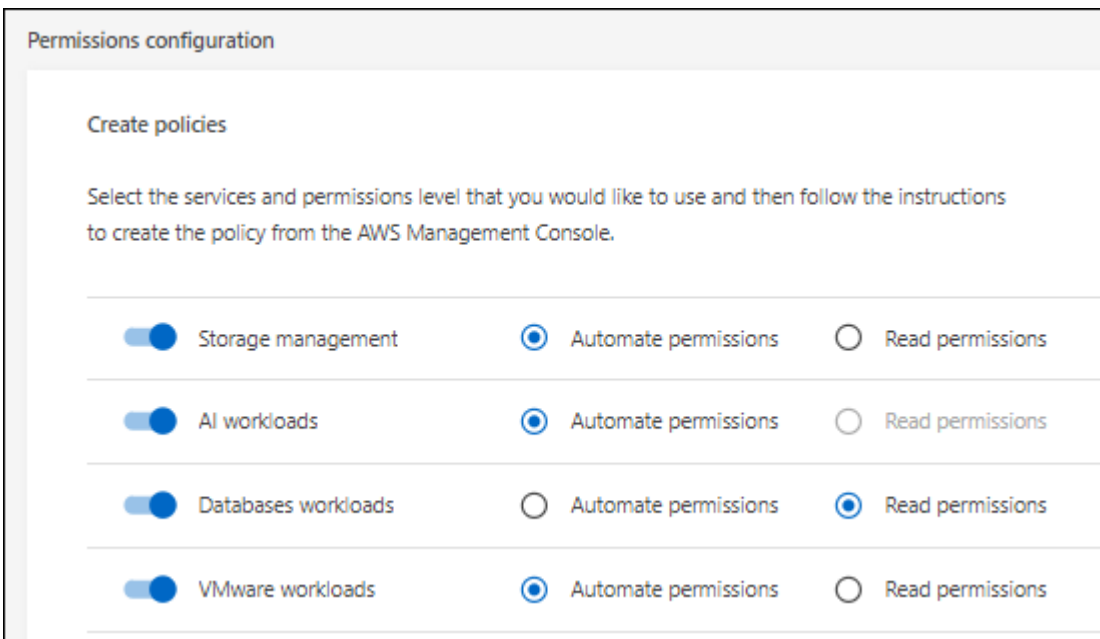
RSS subscription

RSS subscription is available from the [Workload Factory console](#). Using an RSS feed is an easy way to consume and be aware of changes in BlueXP Workload Factory.



Support for a single permission policy per workload

When adding AWS credentials in Workload Factory, you can now select a single permission policy, either read or automate mode, for each workload and storage management.



[Add AWS credentials to Workload Factory](#)

2024-08-04

Setup and administration

Terraform support

Terraform support is available for Amazon FSx for NetApp ONTAP file system deployment and storage VM creation. The setup and admin guide now has instructions for how to use Terraform from the Codebox.

[Use Terraform from Codebox](#)

2024-07-07

Setup and administration

Initial release of Workload Factory

BlueXP Workload Factory for AWS is a powerful life-cycle management platform designed to help you optimize your workloads using Amazon FSx for NetApp ONTAP file systems. Workloads that can be streamlined using Workload Factory and FSx for ONTAP include databases, VMware migrations to VMware Cloud on AWS, AI chatbots, and more.

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