
AWS
re:Invent
NOV. 28 – DEC. 2, 2022 | LAS VEGAS, NV

EUC310

Streamlining log-on experience for Amazon WorkSpaces and Amazon AppStream 2.0

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Agenda

Challenges with authentication

Why single sign-on?

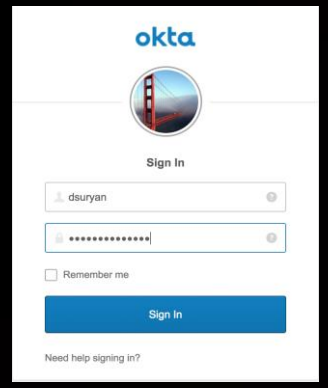
Single sign-on with AppStream 2.0 and WorkSpaces

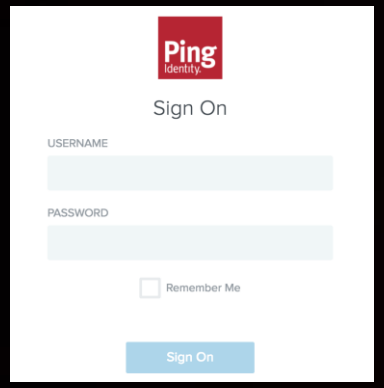
Employee experience and security benefits

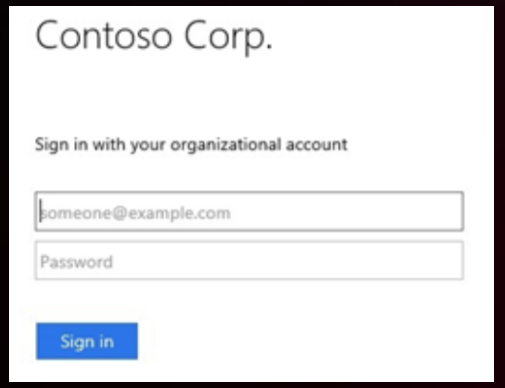
Demo

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Authentication methods for AppStream 2.0









Active Directory (SAML 2.0) | Built-in user management | Custom identity

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Challenges with log-on/authentication

- Typical challenges
  - Multiple log-ons
  - Multiple passwords
- What challenges are you facing?



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Single sign-on

- One password
- Central management
- Single user portal



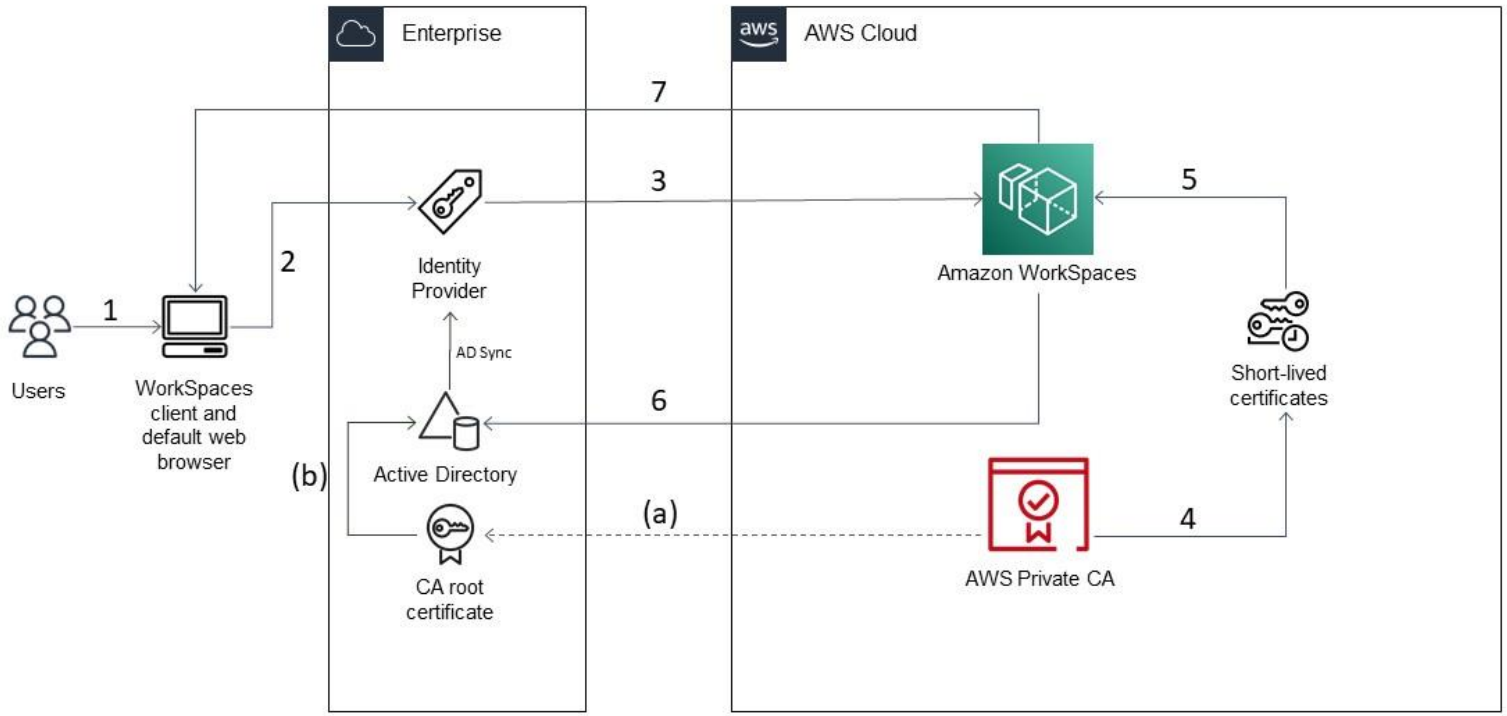
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Achieve true single sign-on with domain-joined AppStream 2.0 fleets and WorkSpaces

- Certificate-based authentication (CBA)
- True single sign-on
- Integration with SAML 2.0 identity providers (IdPs)
- Utilizes AWS Certificate Manager Private CA
- Does not require RADIUS MFA

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Architecture



SAML 2.0 and CBA Authentication Workflow with AWS Private CA

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Single sign-on demo with AppStream 2.0 & WorkSpaces

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Next steps

Get started

Implementation guide

Limitations



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Summary

Challenges with log-on

Single sign-on with WorkSpaces and AppStream 2.0

Benefits of single sign-on

How to get started

AppStream 2.0

WorkSpaces

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Q&A

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End user computing: other track sessions

Type	Code	Level	Day/Time	Title	Speakers
Chalk talks	EUC205-R1	200	11/29, 2:45p – 3:45p	Managing application deployment in an Amazon WorkSpaces environment	Sam Goad
	EUC302-R	300	11/29, 3:30p – 4:30p	No refactoring required: Turning legacy applications into SaaS	Dave Jaskie
	EUC309	300	11/30, 10:00a – 11:00a	Choosing an Amazon AppStream 2.0 fleet to reduce costs & optimize experience	Manav Verma
	EUC312	300	11/30, 2:30p – 3:30p	Securing end user computing workloads on AWS end user computing services	Michael Matts
	EUC308	300	11/30, 5:30p – 6:30p	Best practices for migrating on-premises VDI workloads to the cloud	Phil Persson
	EUC301-R1	300	12/01, 11:45a – 12:45p	Securely stream AWS workloads to your remote workers	Andrew Morgan, Ariel Fu
Workshops	EUC303	300	11/29, 2:45p – 4:45p	Getting started with Amazon AppStream 2.0	Dylan Barlett
	EUC304	300	11/30, 11:30a – 1:30p	Enable secure access to private resources with Amazon WorkSpaces Web	Spencer DeBrosse, Grant Joslyn
	EUC306-R1	300	11/30, 3:15p – 5:15p	Getting started with Amazon WorkSpaces	Dave Jaskie
Builders	EUC313-R1	300	11/30, 4:00p – 5:00p	Building streaming applications using Amazon AppStream 2.0 Elastic fleets	Don Scott
Theater	EUC001	NA	11/30, 2:30p – 2:50p	Maximize employee experience with Amazon WorkSpaces & AppStream 2.0	Stephen Stetler
	EUC002	NA	11/30, 3:00p – 3:20p	Modernize your virtual desktop infrastructure with Amazon WorkSpaces	Andrew Kloman

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Learn more about AWS End User Computing

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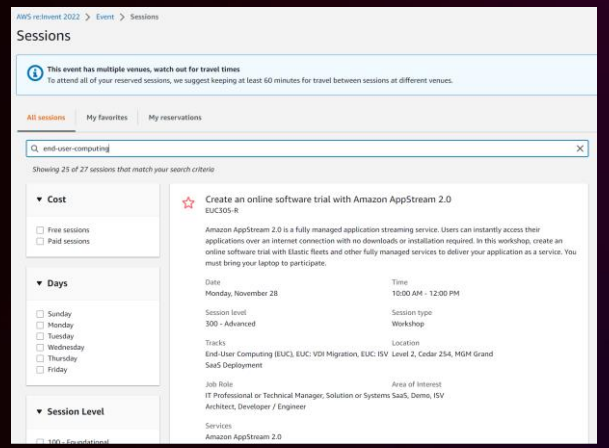
AWS End User Computing Reception

November 30, 2022 | 6:00PM - 9:00PM PST

Electra Cocktail Club, 3325 South Las Vegas Boulevard, Las Vegas, NV 89109

bit.ly/3hMzcVB

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Thank you!

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