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

EUC205-R

Managing application deployment in an Amazon WorkSpaces environment

Sam Goad

Sr. Solutions Architect
Amazon Web Services

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Agenda

Application management

Why AWS Systems Manager

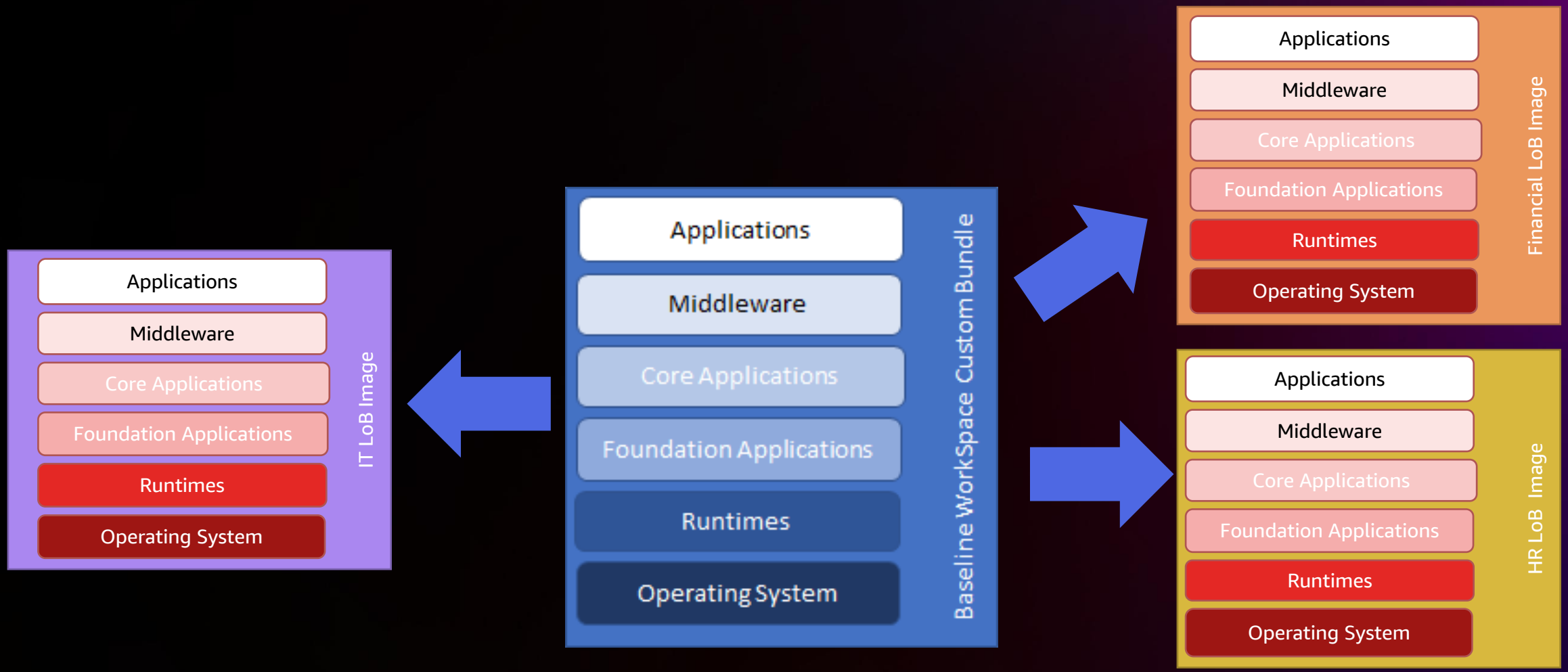
Managing Amazon WorkSpaces applications at scale

Q&A

End user compute at re:Invent

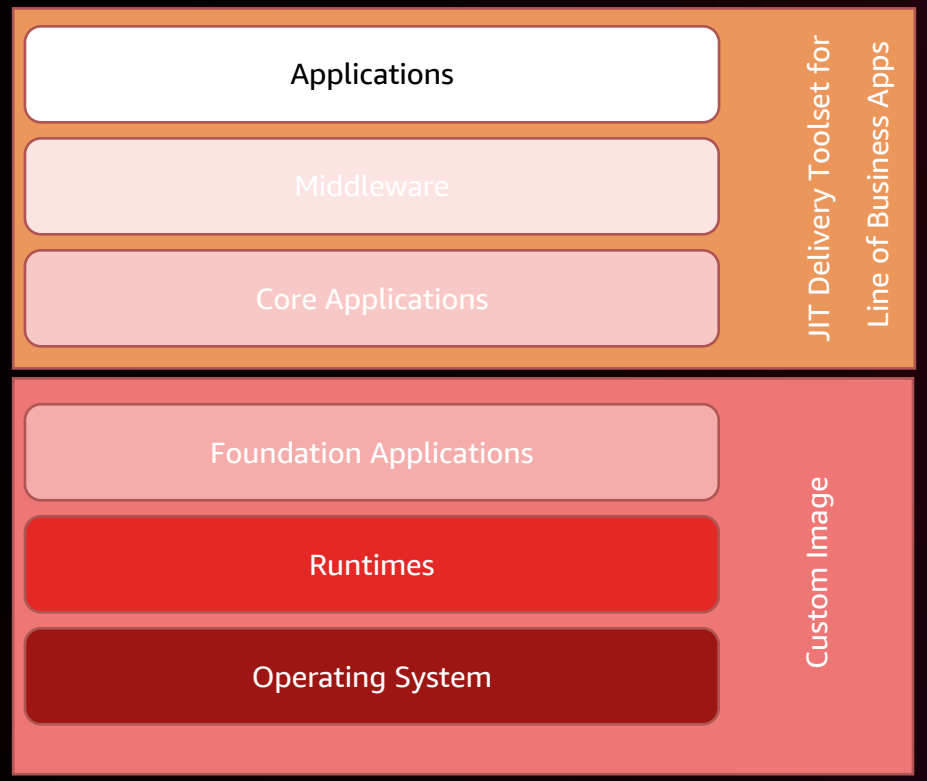
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Application management



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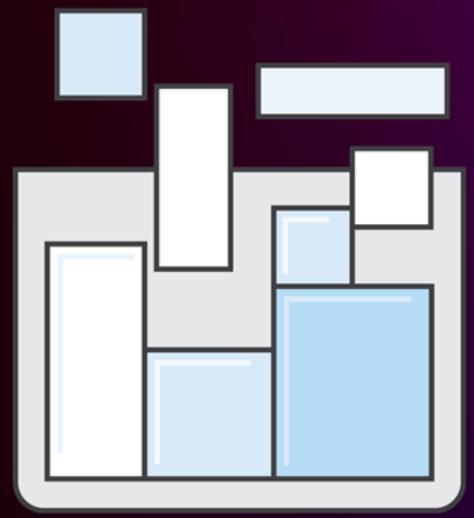
Application management



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Application installation tooling

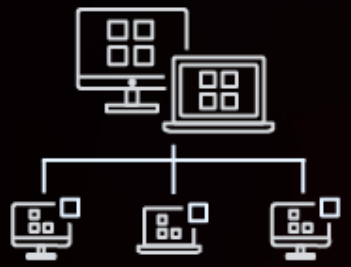
- MEMCM (Microsoft Endpoint Configuration Manager), BigFix (Windows)
- GPO (Windows)
- AWS OpsWorks (Puppet/Chef) (Linux, Windows)
- AWS Systems Manager
- WorkSpaces Application Manager (retiring)



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How it works

AWS Systems Manager
Systems Manager helps you safely manage and operate your resources at scale



Group resources
Create groups of resources across different AWS services, such as applications or different layers of an application stack



Visualize data
View aggregated operational data by resource group



Take action
Respond to insights and automate operational actions across resource groups

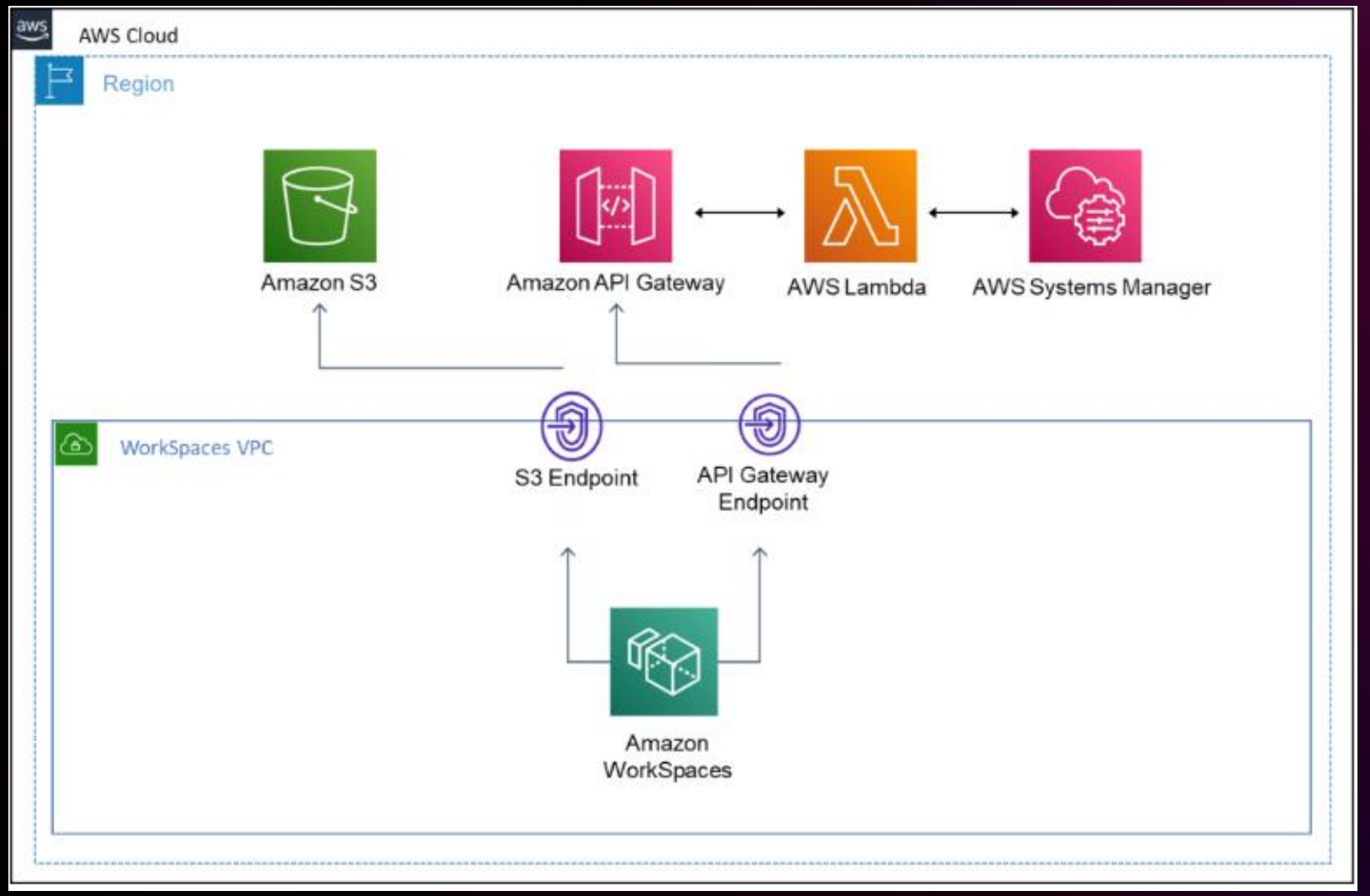
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Hybrid activations

- Used to register servers or VMs in on-premises locations or other cloud providers, including Amazon WorkSpaces
- Use the Hybrid Activation code to register SSM Agent
- Hybrid managed instances are displayed using mi-*
- Registration requirements
  - Connectivity to Systems Manager endpoints
  - IAM service role

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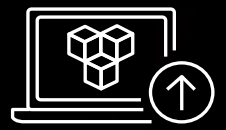
Enrolling Amazon WorkSpaces with SSM



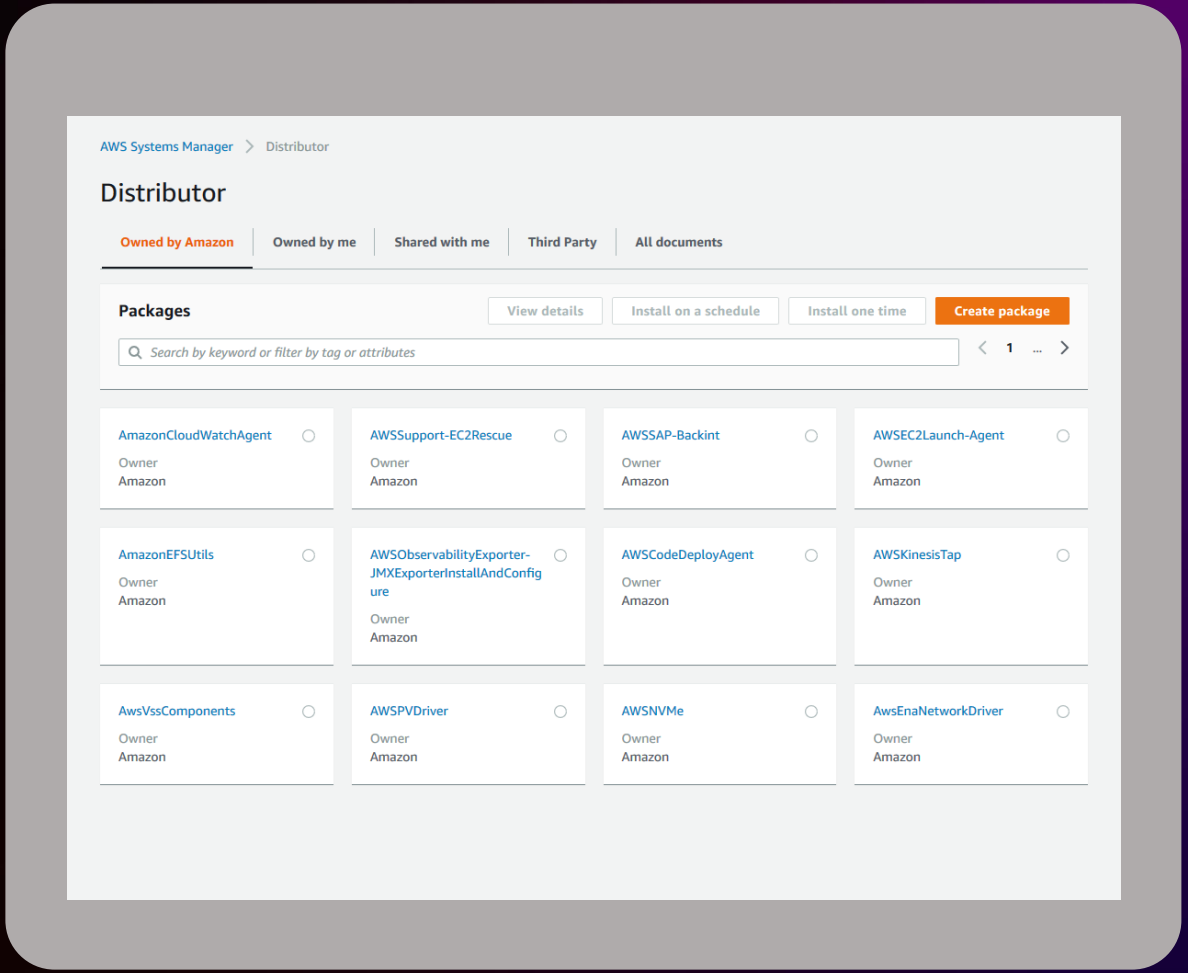
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Distributor

SECURELY DISTRIBUTE AND INSTALL SOFTWARE PACKAGES



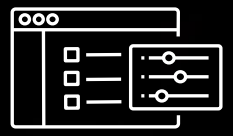
- Supports .rpm, .msi, and .deb file types
- Centralize packages in a single AWS account and share across your AWS organization



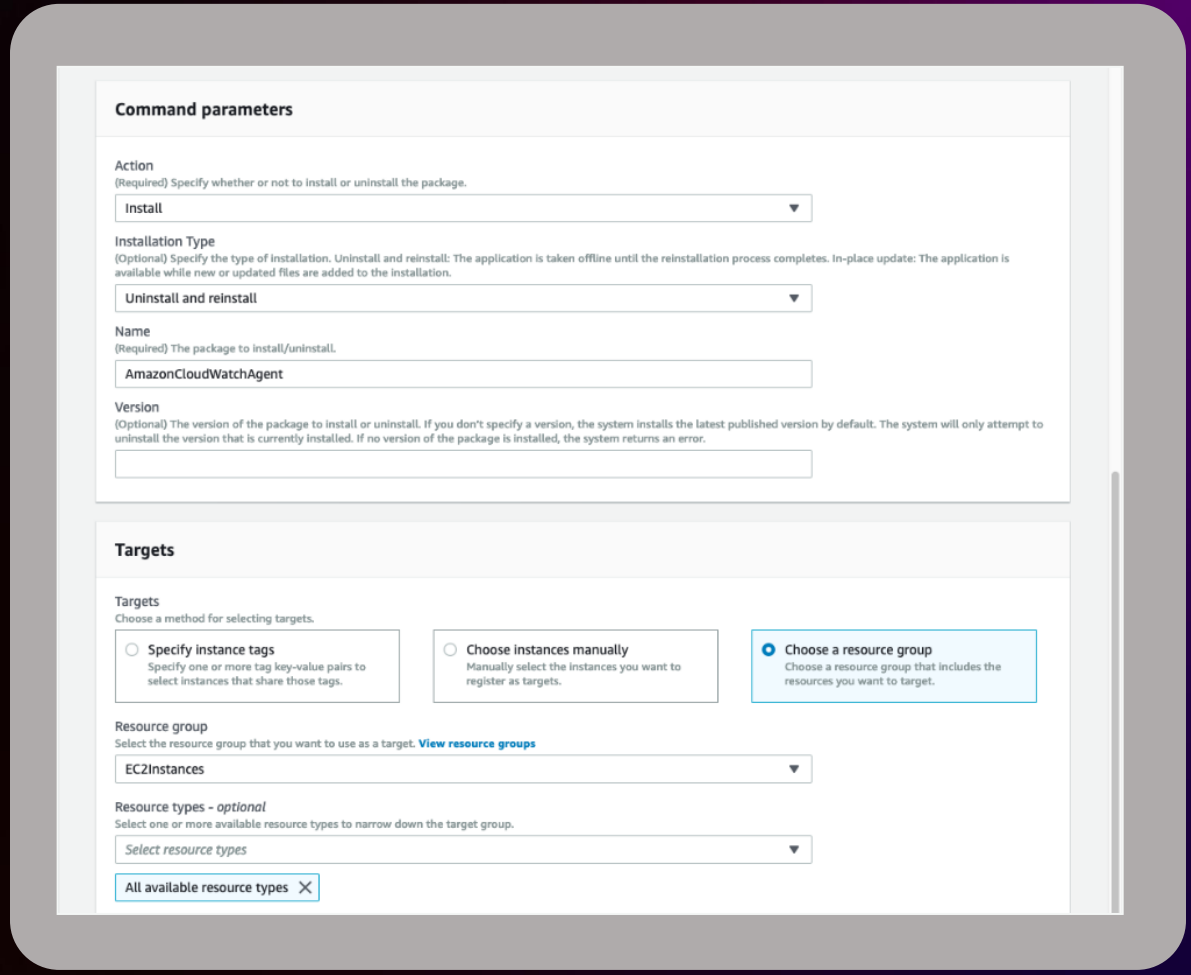
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Run command

SAFE AND SECURE REMOTE ADMINISTRATION OF YOUR COMPUTE NODES AT SCALE



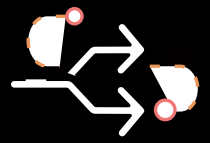
- Install or uninstall applications
- Configuration changes at scale



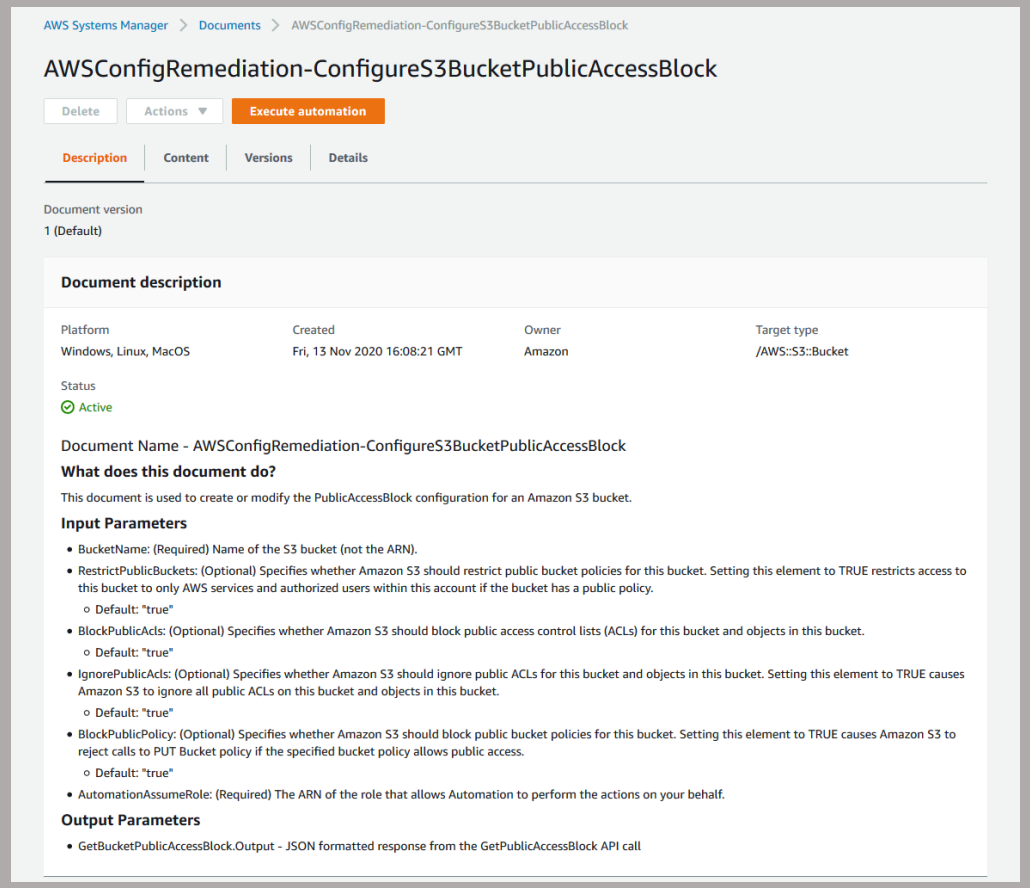
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Automation

SIMPLIFY COMMON MAINTENANCE AND DEPLOYMENT TASKS



- Author repeatable runbooks
- Remediate non-compliant resources from AWS Config
- Run Python and PowerShell scripts as events



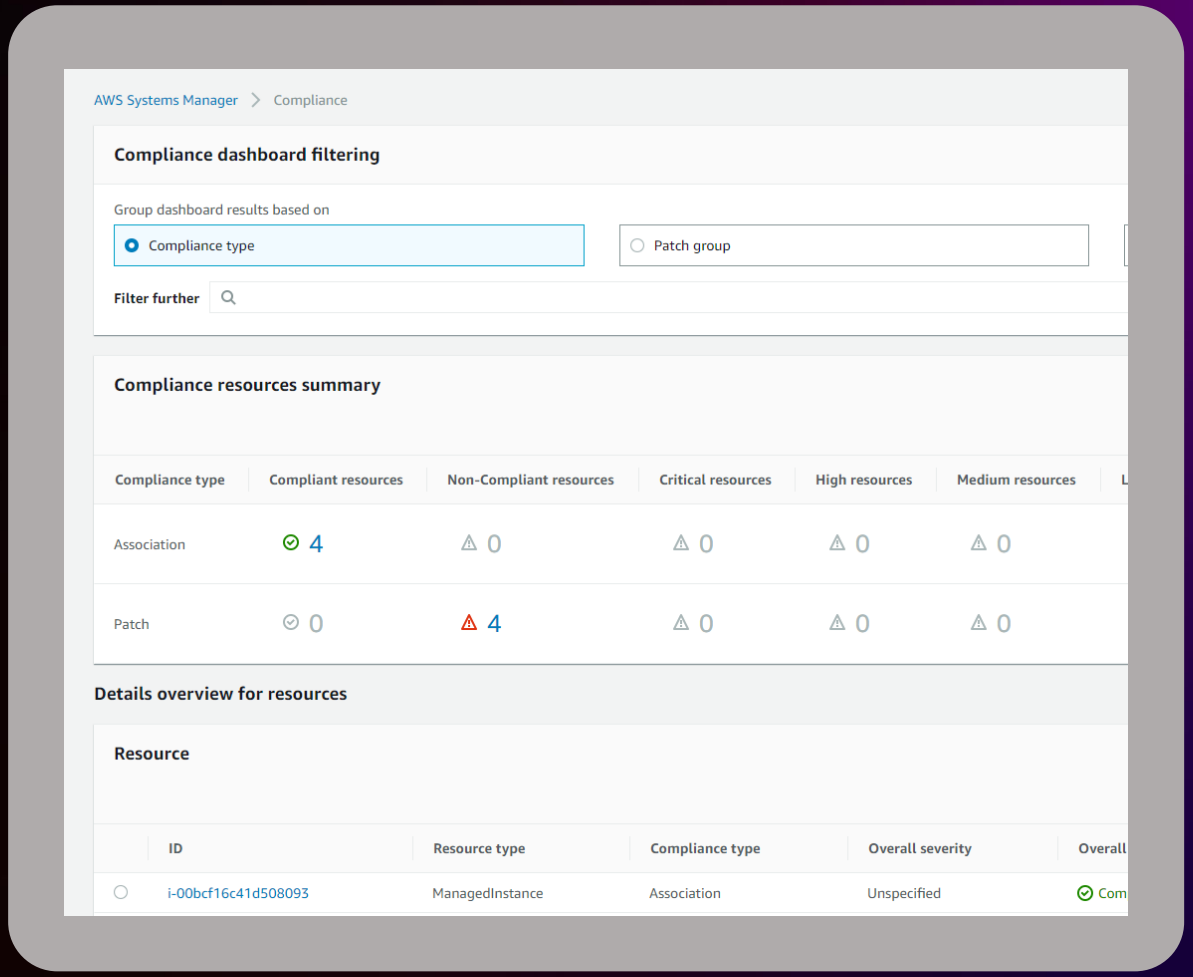
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State Manager

SECURE AND SCALABLE CONFIGURATION MANAGEMENT



- Keep your Amazon WorkSpaces in the desired state
- Provides flexible configuration management
- Detect drift and remediate changes



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Q&A

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End user computing: Other track sessions

Type	Code	Level	Day / Time	Title	Speakers
Breakouts	EUC202	200	11/28, 5:30p – 6:30p	What's new with Amazon WorkSpaces, Amazon AppStream 2.0 & WorkSpaces Web	Hassan Ta, Rey Wang
	EUC204	200	11/29, 2:00p – 3:00p	Creating remote work environments that optimize security and productivity	Melissa Stein
	EUC201	200	11/29, 5:00p – 6:00p	Creating the workplace of the future with AWS end user computing	Muneer Mirza
	EUC307	300	11/30, 8:30a – 9:30a	Accelerating SaaS conversion of legacy applications	Gurinder Raju
	EUC203	200	11/30, 10:00a – 11:00a	Creating flexibility and choice for VDI management with Amazon WorkSpaces	Kevin Goodman
Chalk talks	EUC205	200	11/28, 10:45a – 11:45a	Managing application deployment in an Amazon WorkSpaces environment	Sam Goad
	EUC301	300	11/28, 4:00p – 5:00p	Securely stream AWS workloads to your remote workers	Andrew Morgan, Ariel Fu
	EUC310	300	11/29, 12:30p – 1:30p	Streamlining log-on experience for Amazon WorkSpaces and AppStream 2.0	Asriel Agronin
	EUC205-R1	200	11/29, 2:45p – 3:45p	Managing application deployment in an Amazon WorkSpaces environment	Sam Goad
	EUC302	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

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End user computing: Other track sessions

Type	Code	Level	Day / Time	Title	Speakers
Workshops	EUC305	300	11/28, 10:00a – 12:00p	Create an online software trial with Amazon AppStream 2.0	Jeremy Schiefer
	EUC306	300	11/28, 1:45p – 3:45p	Getting started with Amazon WorkSpaces	Dave Jaskie
	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	EUC311	300	11/28, 4:00p – 5:00p	Building a secure end user computing environment for power users	Robert Fountain
	EUC313	300	11/29, 11:00a – 12:00p	Building streaming applications using Amazon AppStream 2.0 Elastic fleets	Don Scott
	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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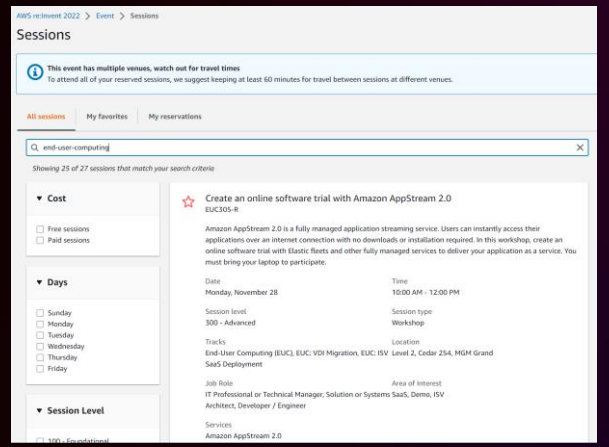
AWS End User Computing Reception

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

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

bit.ly/3hMzcVB

Visit the EUC re:Invent session catalog



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Thank you!

Sam Goad
goads@amazon.com



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