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

SUP312

Deep dive into optimizing your use of AWS Trusted Advisor

Madhu Upadrasta

Sr. Product Manager – Tech
AWS Trusted Advisor

Won Huh

Sr. Product Manager – Tech
AWS Trusted Advisor

© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Session overview

FOCUS AREAS



About Trusted Advisor

1



Building insights with Trusted Advisor Explorer

2



Improving resilience with Trusted Advisor

3



Summarizing the discussion so far

4

aws

© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

About AWS Trusted Advisor

HOME OF AWS BEST PRACTICES

AWS services

AWS technical field experts

Your AWS account team

Auto-detected checks



- Security
- Fault Tolerance
- Performance
- Cost Optimization
- Service Quotas

Manual Recommendations

Alerts on deviation and good standing

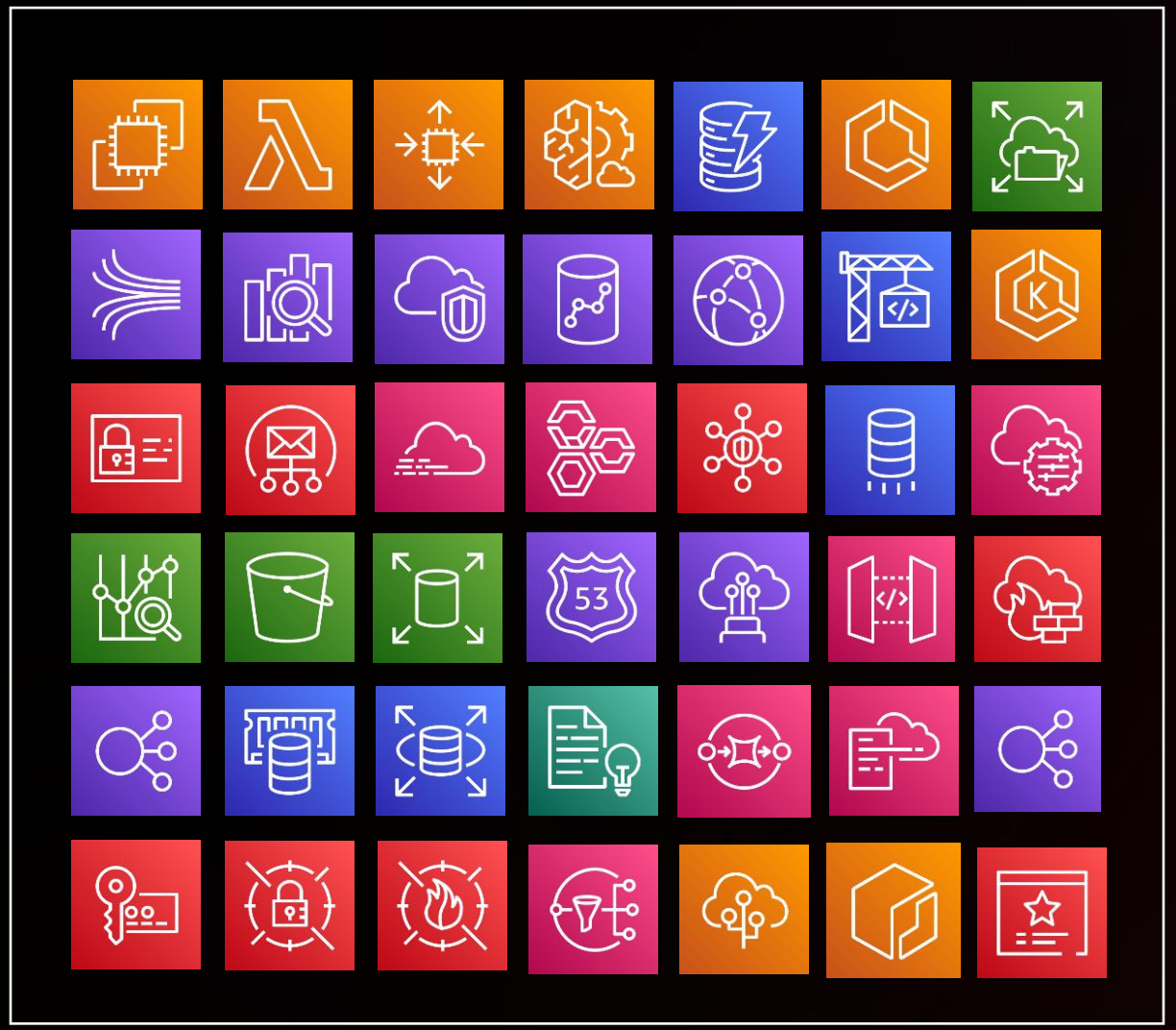
Multi-account/ AWS Organizations views

Prioritized and custom guidance

Closed-loop feedback tracking

© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

AWS Trusted Advisor - Coverage



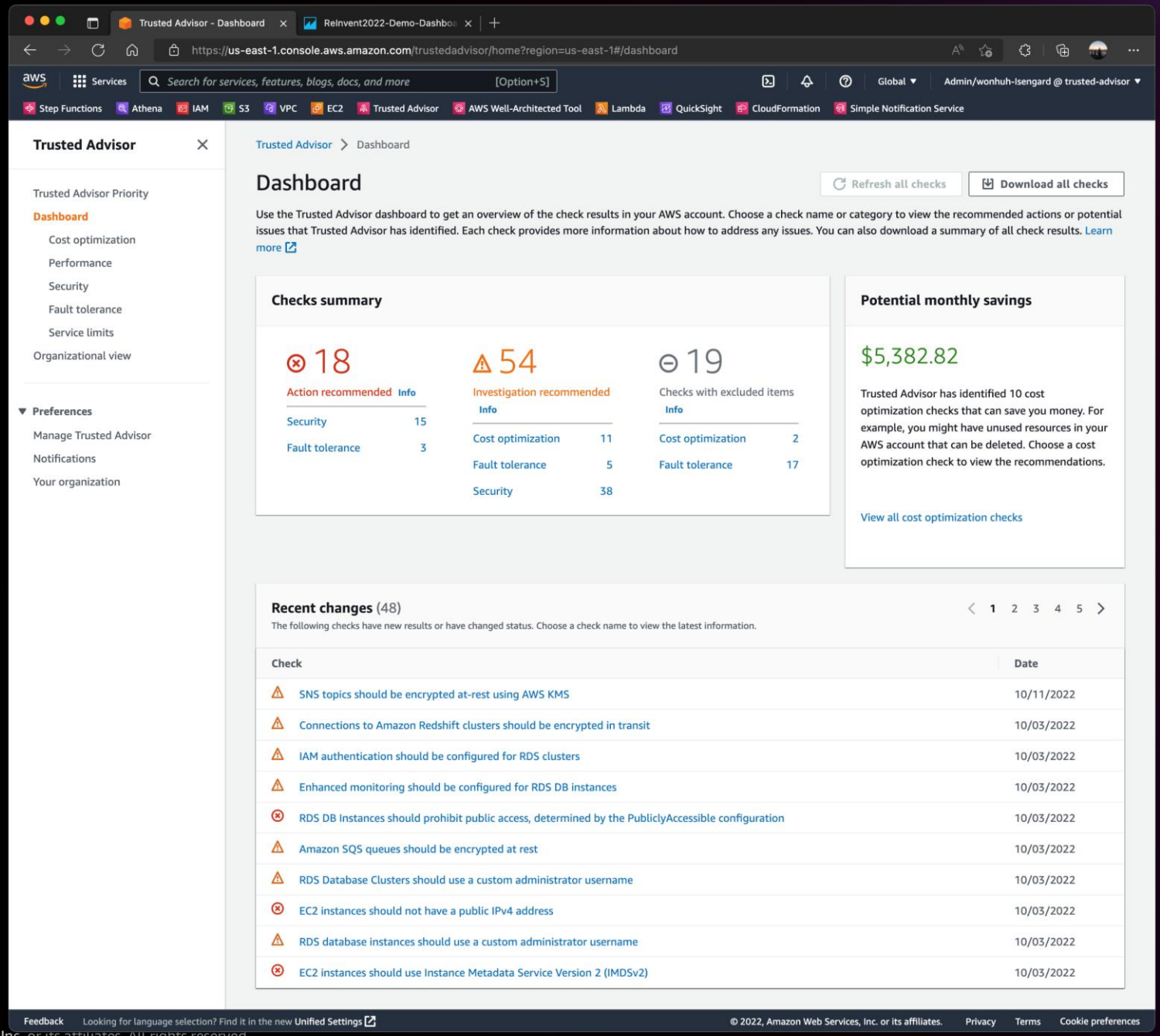


272 checks

across

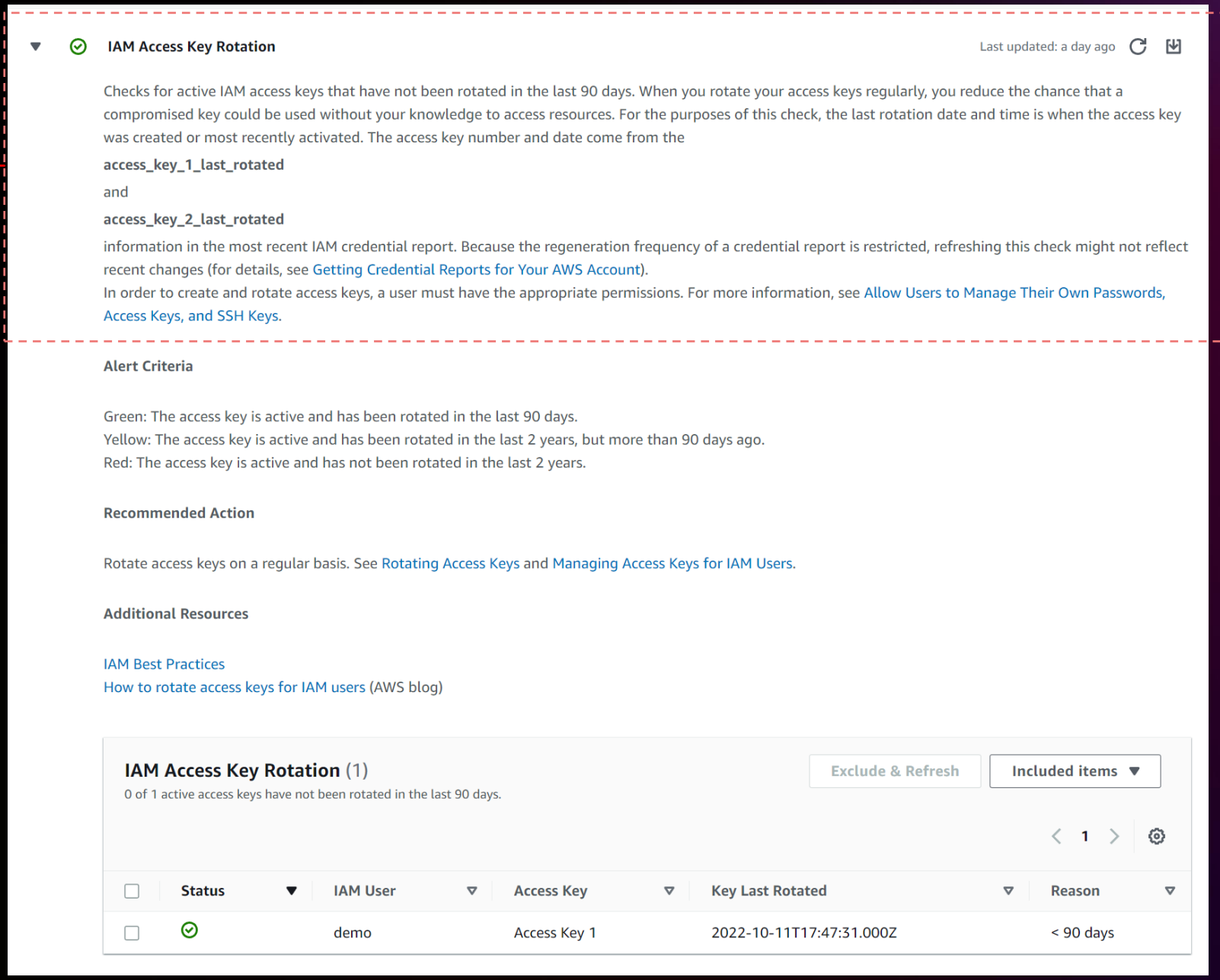
45 AWS services

© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.



© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Best Practice



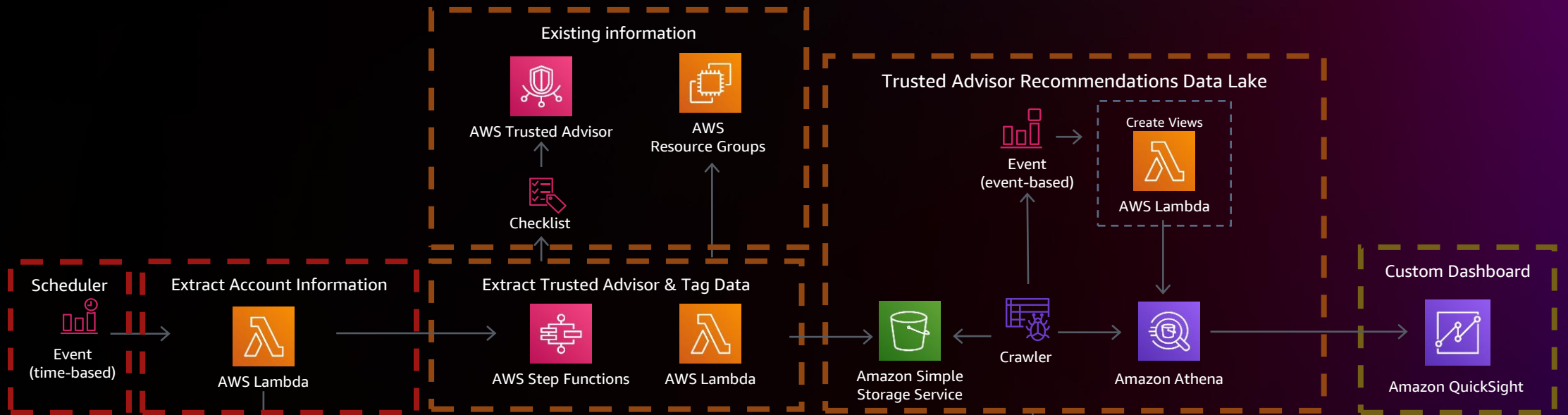
© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Building insights with Trusted Advisor Explorer

© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

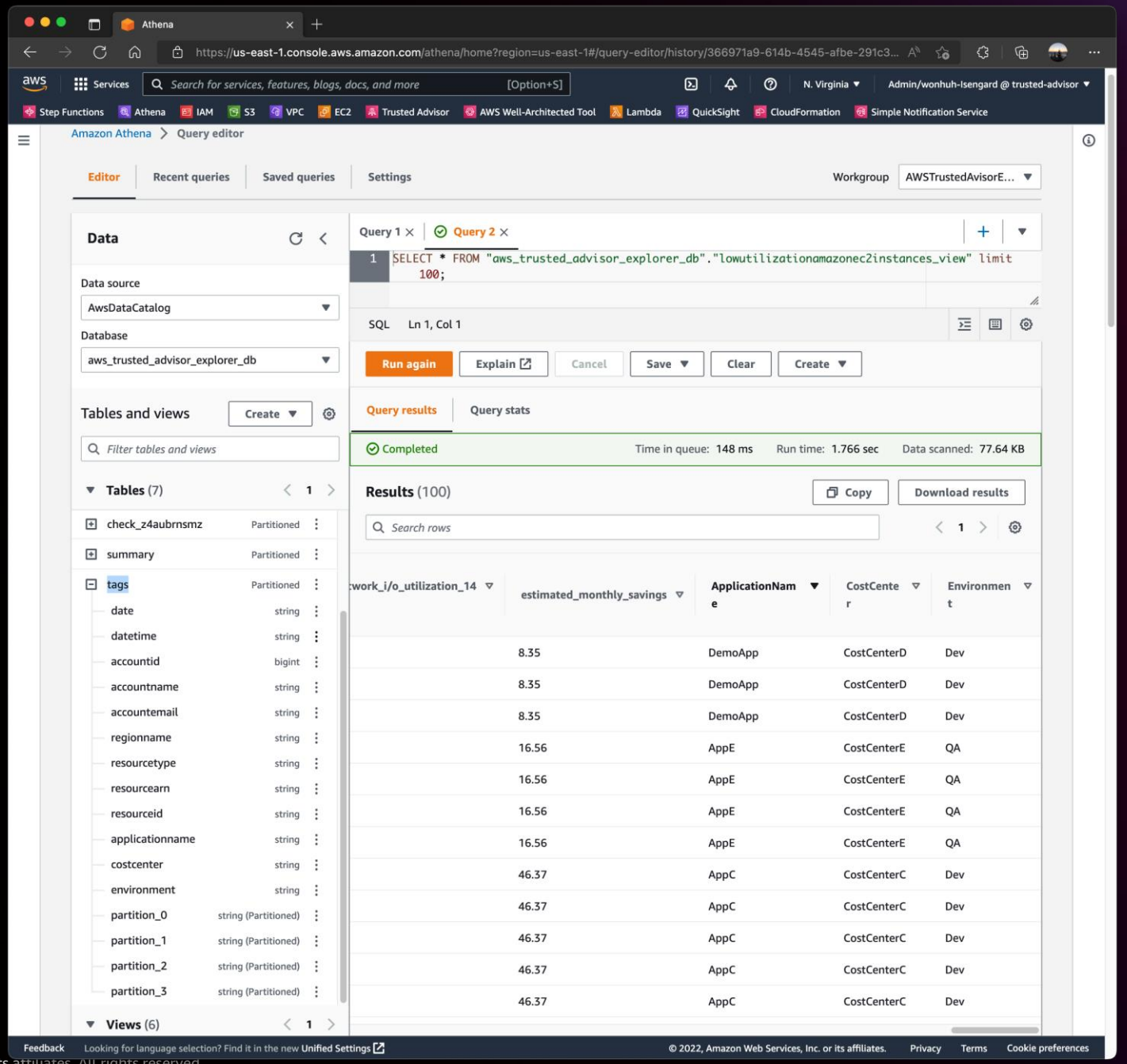
AWS Trusted Advisor Explorer

1. Retrieve multi-accounts | **2. Connect existing information** | **3. Visualize & notify**

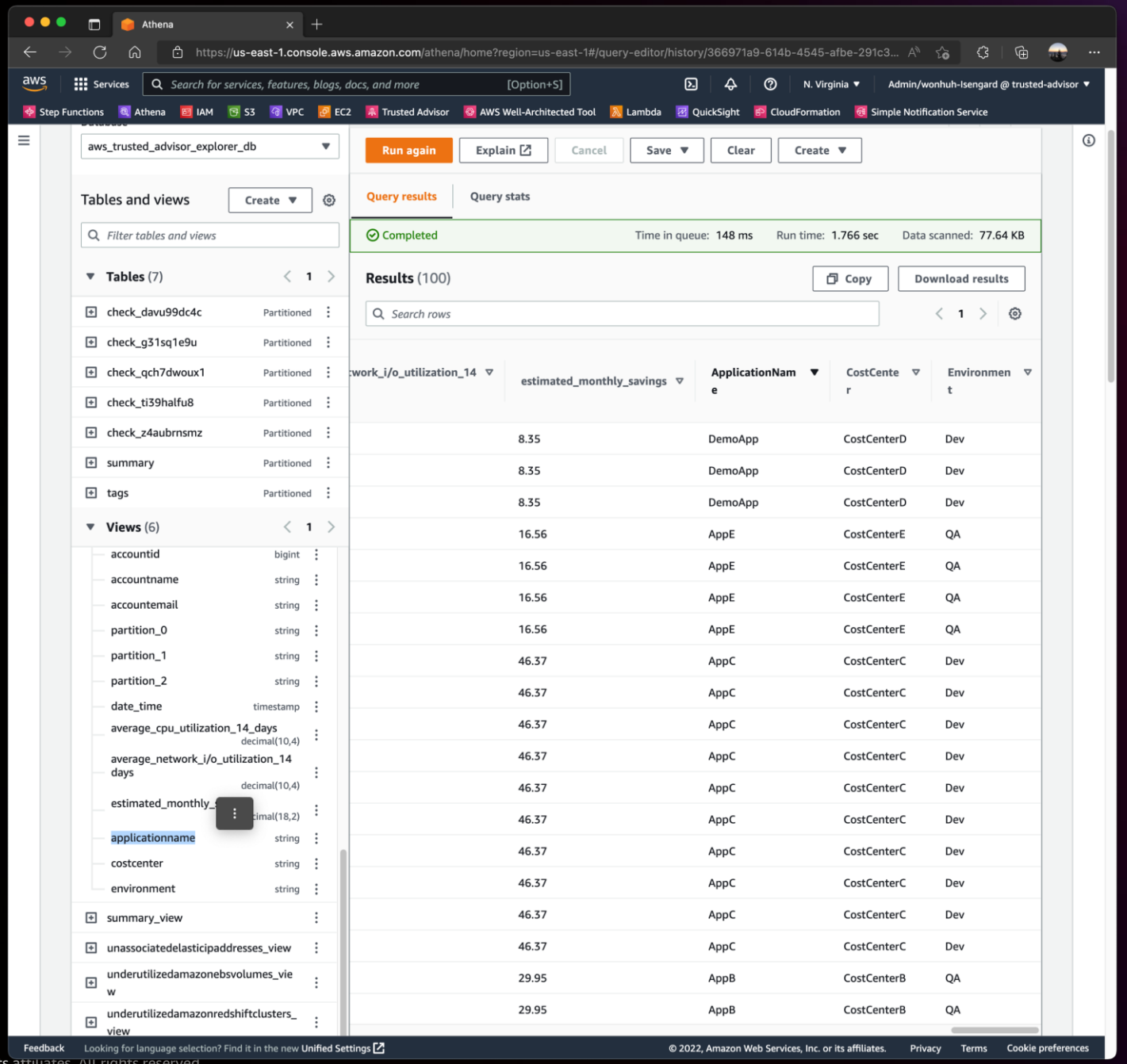



```
AccountId,AccountName,AccountEmail
123456789101,aws-sample-account-dev,sampleemail1@yourdomain.com
123456789102,aws-sample-account-prod,sampleemail2@yourdomain.com
123456789103,aws-sample-account-beta,sampleemail3@yourdomain.com
...
```

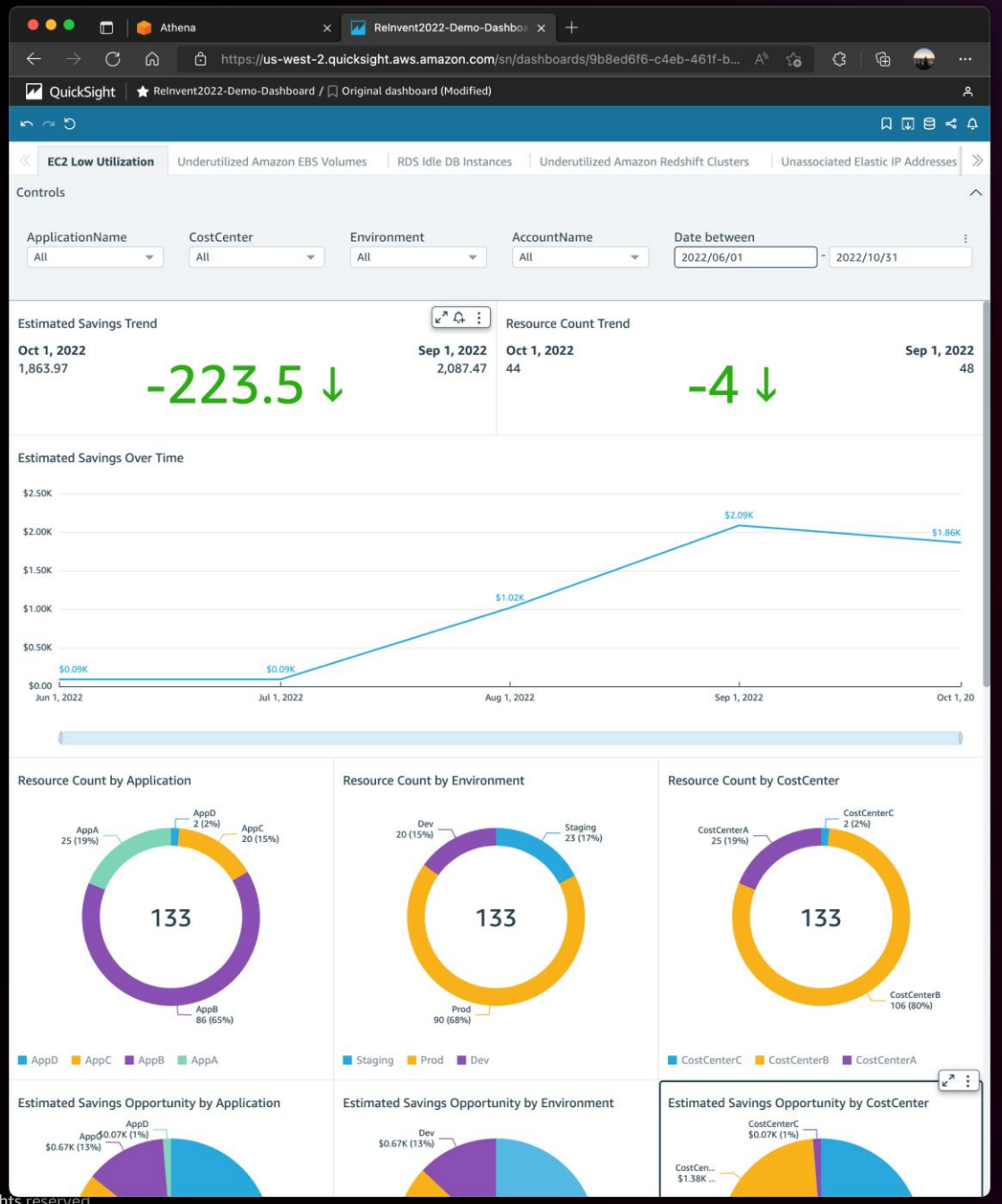
© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.



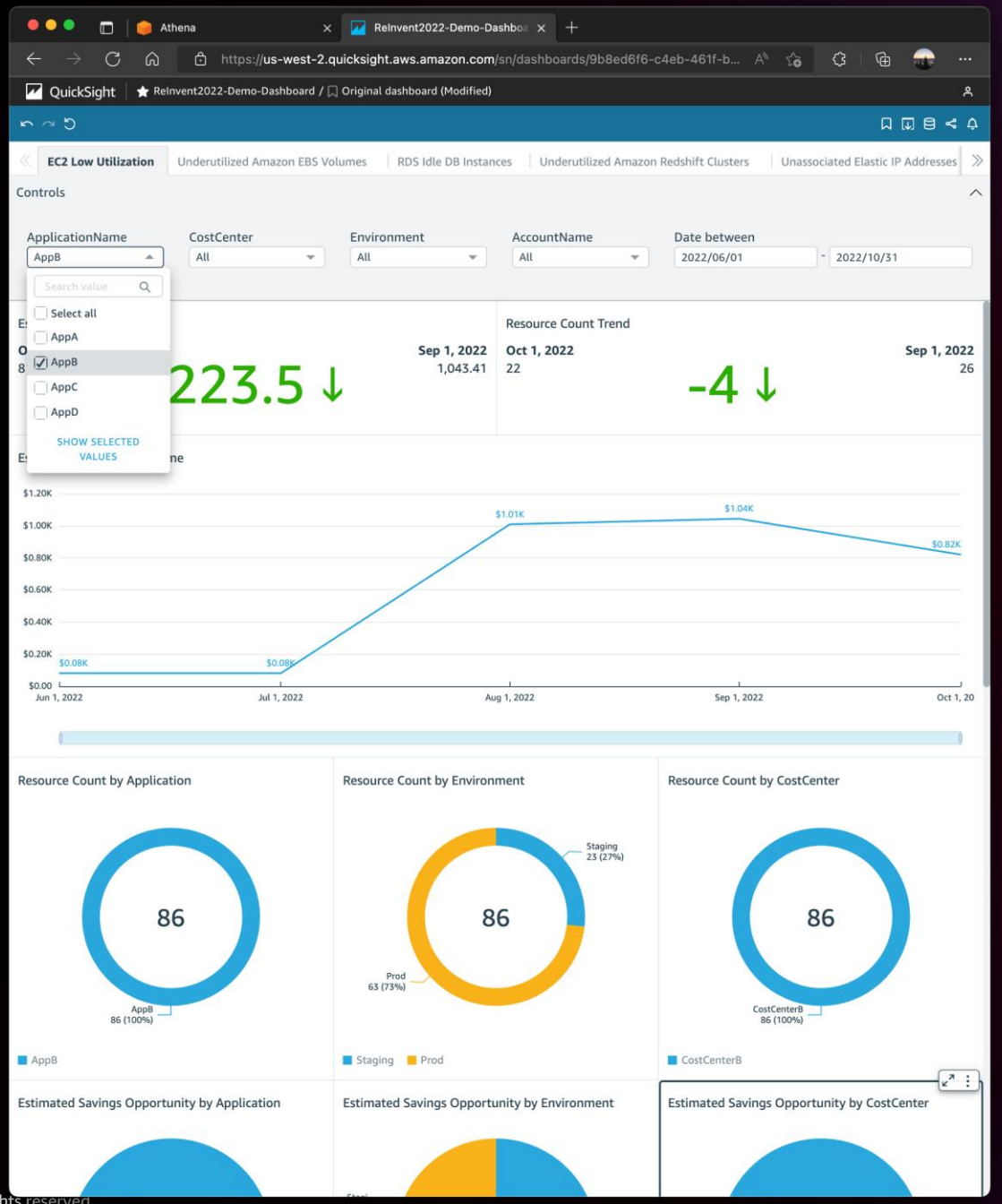
© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.



© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.



© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

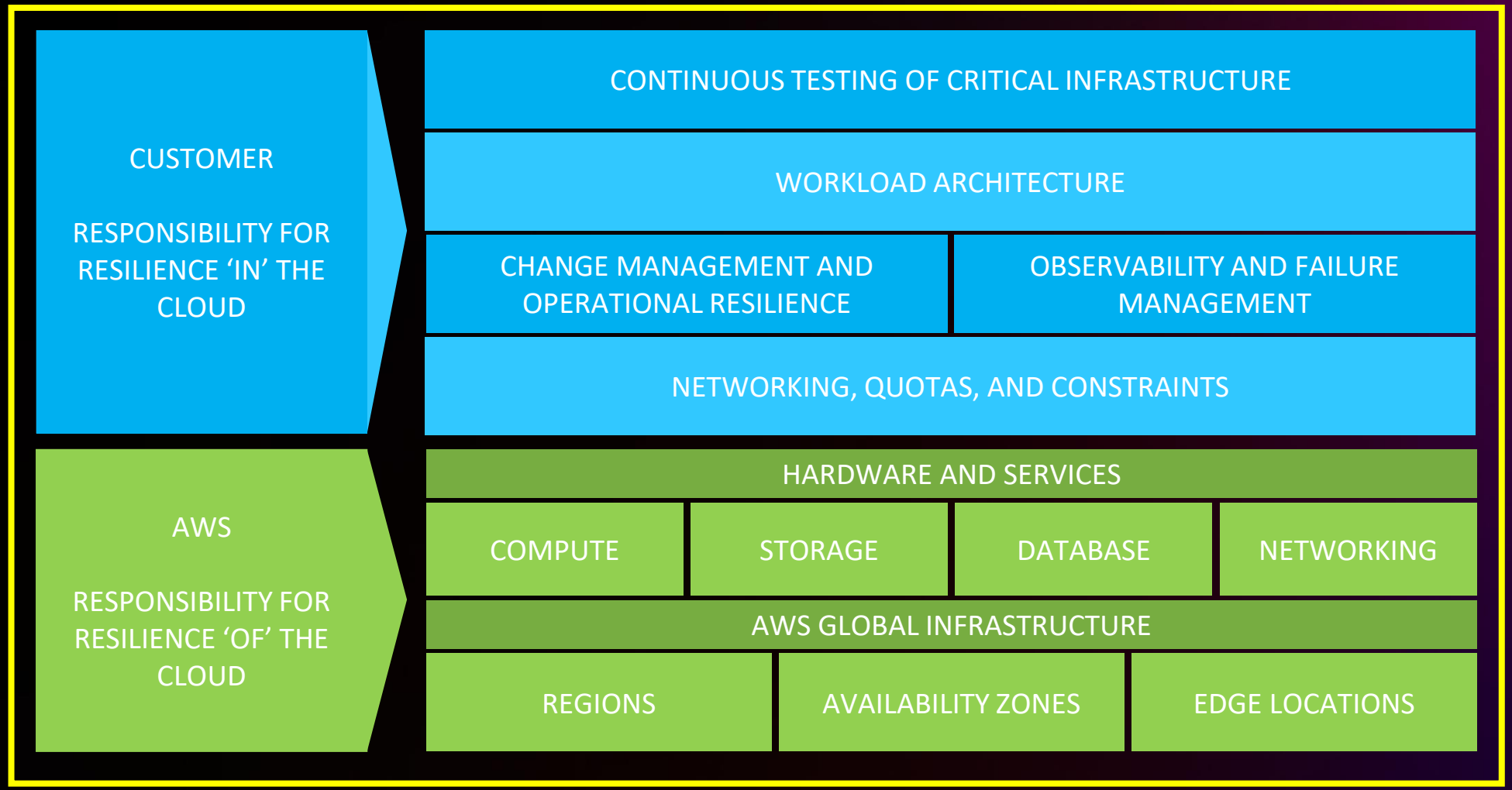


© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Improving your resilience in AWS using AWS Trusted Advisor

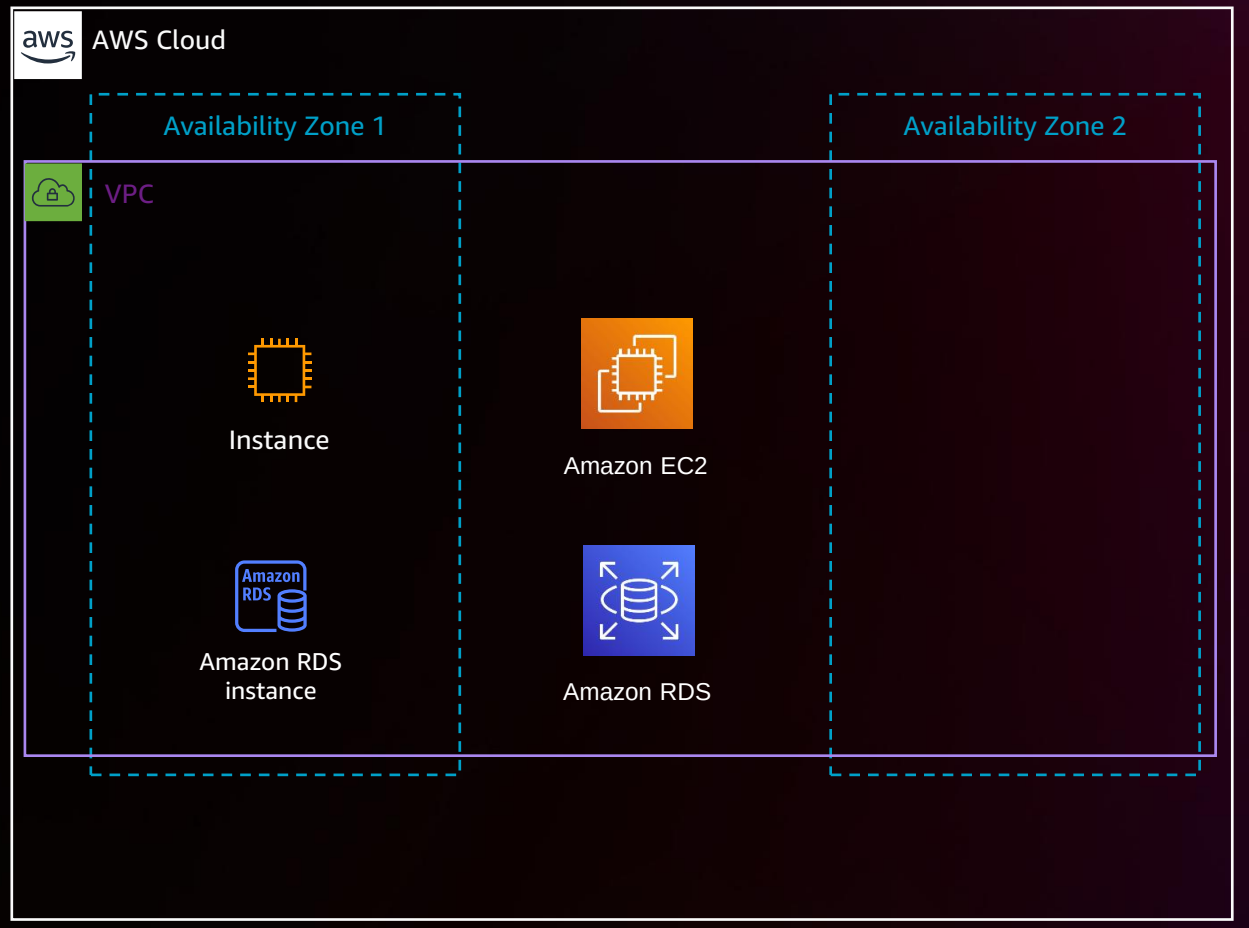
© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Shared responsibility model for resilience



© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Multi-zonal high availability

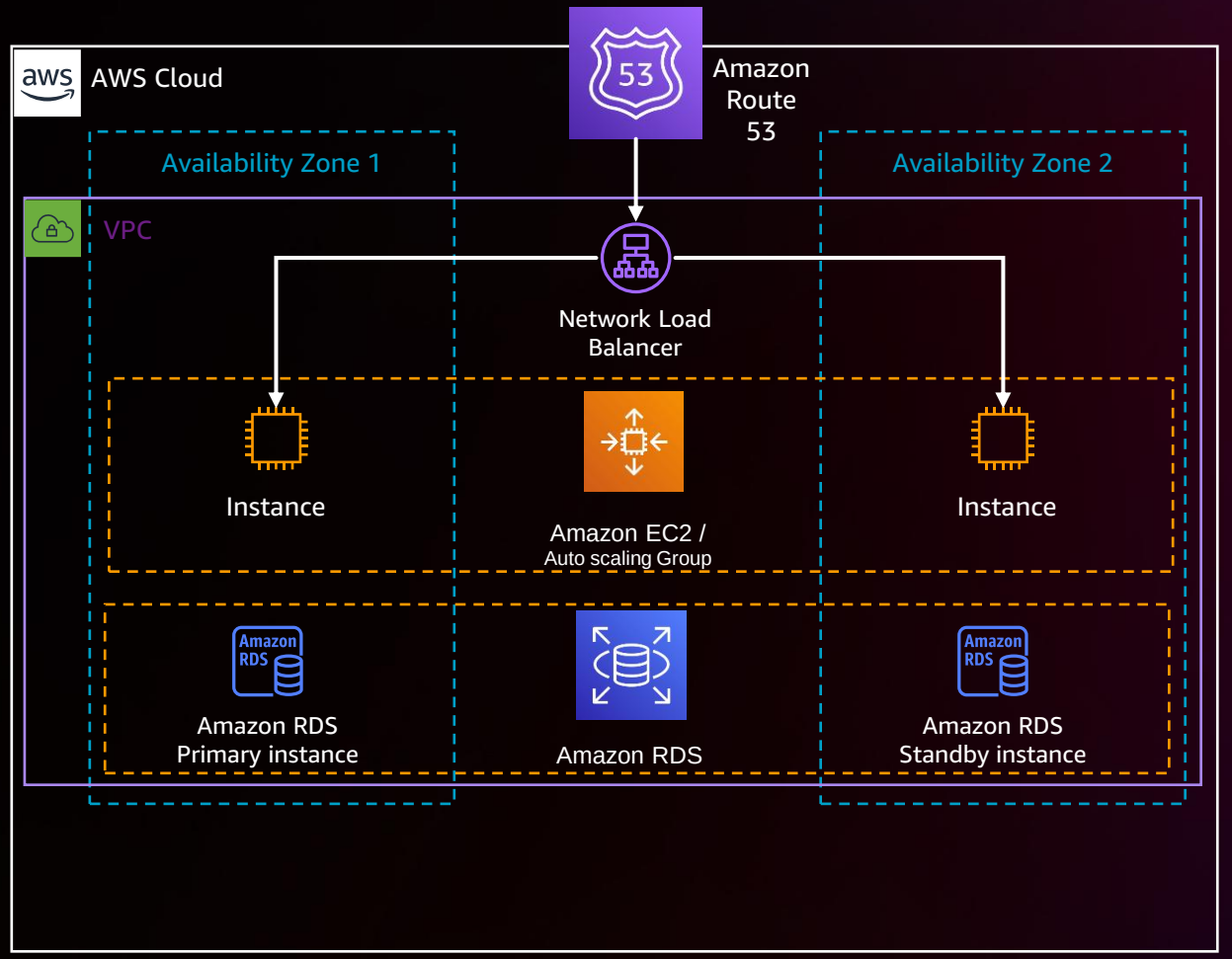


© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Multi-zonal high availability

AWS Trusted Advisor offers 25 checks alerting fault tolerance of your infrastructure such as

1. RDS Multi-AZ
2. EC2 Availability zone
3. RDS Backups
4. Route53 Name Server Delegations

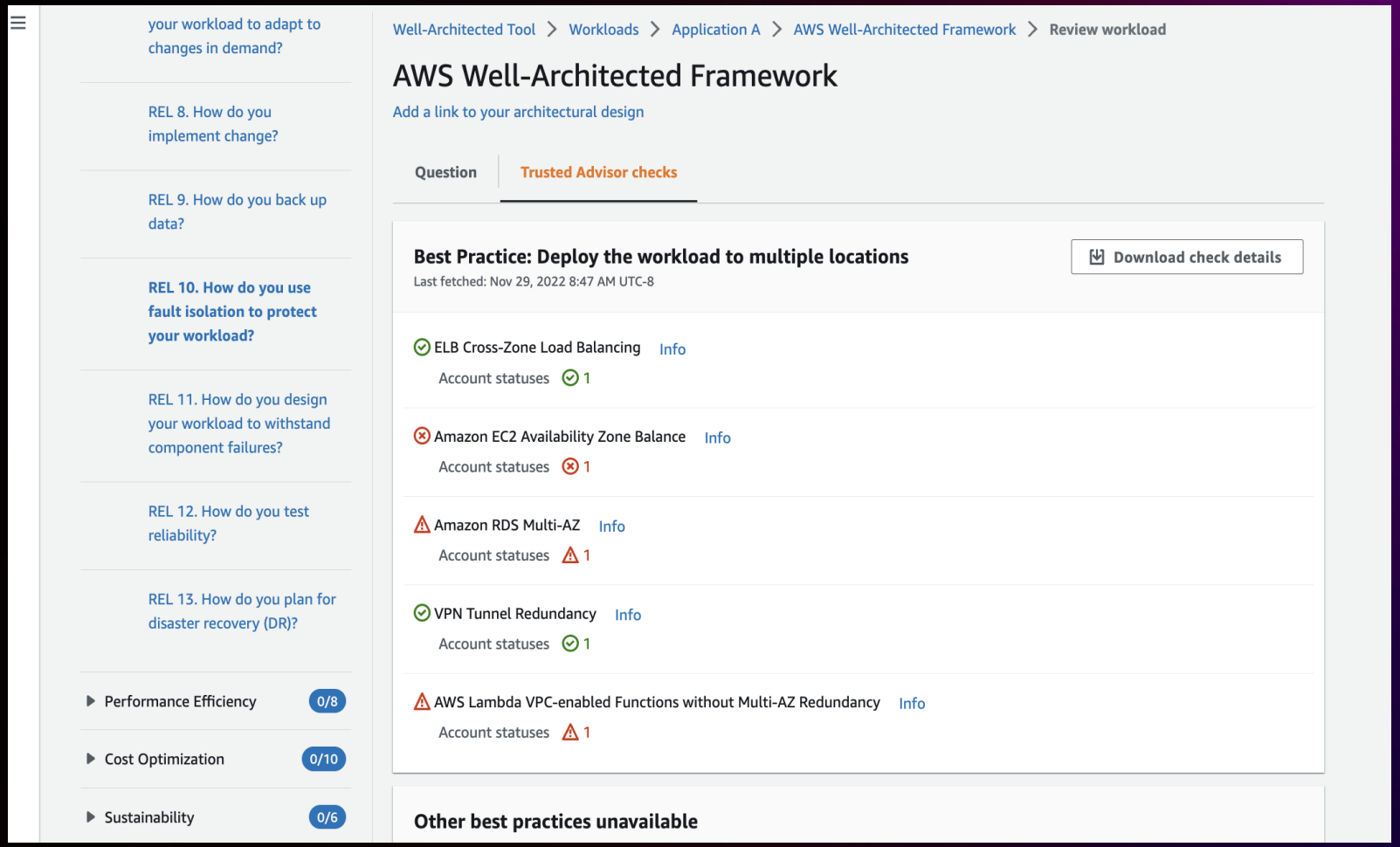


© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Leverage Trusted Advisor towards your workload Resilience Reviews

AWS Well-Architected

- Monitor TA checks built with WA best practices as underlying guidance
- Track Well-Architected RHIs through TA checks



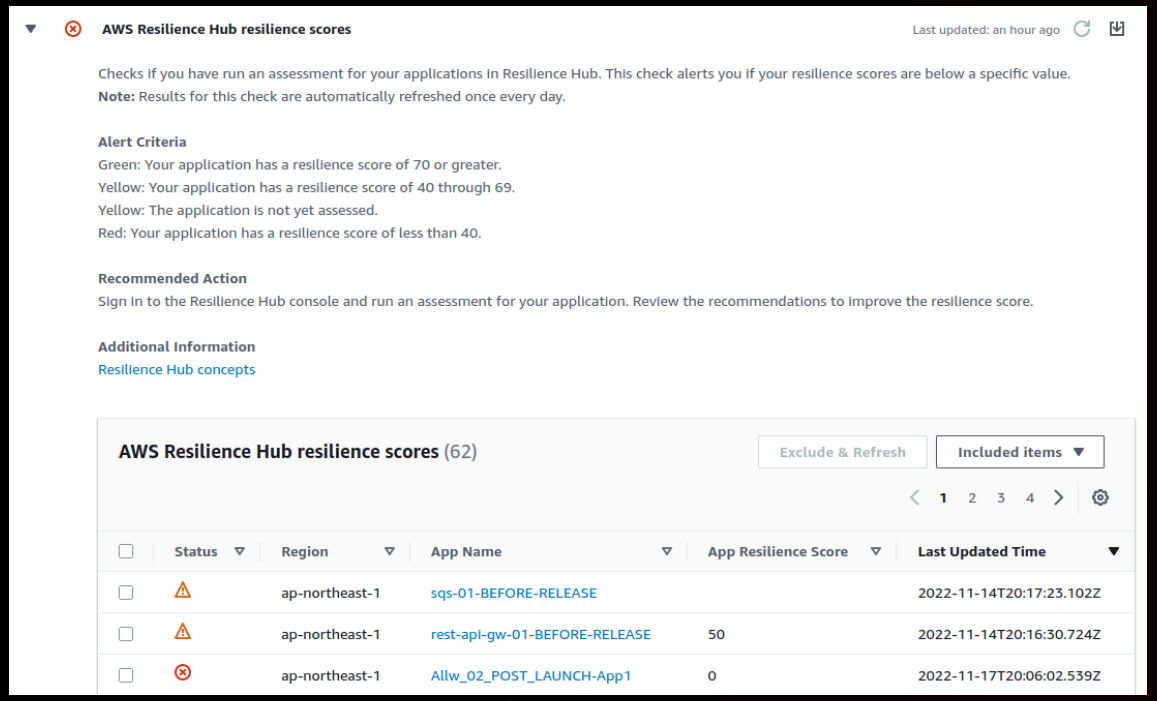
© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

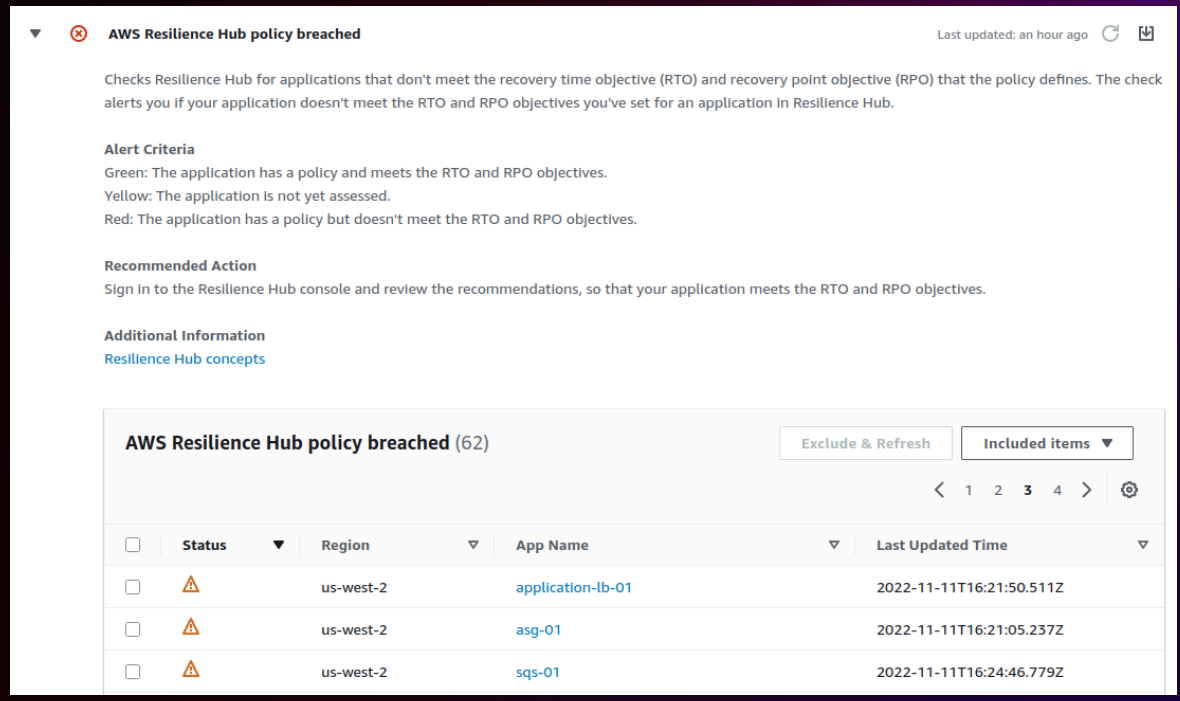
Leverage Trusted Advisor towards your workload Resilience Reviews



AWS Resilience Hub

- Assess your current posture using TA checks
- Track your AWS Resilience Hub resilience score and policy breach through TA checks





© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Call to action

1

Enable and use Trusted Advisor

Assess your environment against best practices

2

Extend with AWS Solutions

Trusted Advisor Explorer GitHub (Documentation guide)
Trusted Advisor Organization Dashboard (TAO Dashboard)

3

Take advantage of Baselining Resilience

Work with AWS account teams to mitigate any high risk resilience issues

aws
© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Additional resources



AWS Well-Architected Framework
AWS best practices guide to build and run workload.



AWS Well-Architected Tool
Tool to help measure workload towards AWS best practices.



AWS Trusted Advisor
Resources best practice insights and recommendation.



AWS Well-Architected Lab
Collection of hands on lab to learn about AWS Well-Architected best practices.



AWS re:Post
Community-driven, knowledge sharing site

aws
© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Thank you!

Madhu Upadrasta
mupad@amazon.com
madhu-upadrasta

Won Huh
wonhuh@amazon.com
won-huh



Please complete the session survey in the **mobile app**

© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.