

QualityNet | Network

Coming Soon!!

Inbound and Outbound Internet Gateway Architecture Update

Intended Audience

All QualityNet Amazon Web Services (AWS) Multi-Tenant and Single-Tenant Application Development Organizations (ADOs).

What's Happening and When?

As we head into 2022, the current architecture serving our Internet gateways is being updated to a simpler, more cloud-centric design. The new design is comprised of separate gateways for inbound and outbound traffic. We are consolidating our security apparatus, routing policies, and reducing the number of devices required; improving resiliency and high-availability while maintaining security and flexibility.

Estimated Migration Timeline:

While migration activities are still in the planning phase, we expect schedule coordination efforts to start early 2022 (February) and work should be considered for upcoming ADO Program Increment (PI) planning events. Migrations will be coordinated with the ADOs per environment and on their availability.

- **Quarter 1 2022** – Non-Prod migrations begin
- **Quarter 2 2022** – Non-Prod migrations complete, and Prod migrations begin
- **Quarter 3 2022** – Prod migrations complete

ADO Expectations:

Please keep the following in mind when planning your migrations:

- ADOs will need to schedule **two** gateway migration windows, one for Non-Prod environments, and a future window for their Prod environment.
- ADOs will be responsible for verifying that any application(s) migrated are working as expected for both inbound and outbound traffic, as appropriate.

- As part of testing, ADOs must validate application functionality, confirm external resources or connections communicate as expected, and confirm traffic originating from internal resources reaches the intended destinations.
- ADOs will work with the Network team to triage any issues during the scheduled migration window.

Need More Details?

- Please check [Confluence](#) for updates on this effort and contact your Customer Success Manager (CSM) if you have questions.

We appreciate your patience and support with this network architecture enhancement initiative.

If you need additional information, please contact us by phone at 1-866-288-8914, Slack at #help-service-center-sos, or by email at ServiceCenterSOS@cms.hhs.gov.

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